# (Unofficial Translation)

# **Annual Information Disclosure Form 56-1**

## As of October 31, 2013

# KHON KAEN SUGAR INDUSTRY PUBLIC COMPANY LIMITED

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#### **Information Certification**

#### Attachment

- Attachment 1: Details of Company's Directors, Executives, Authorized Person and Company Secretary
- Attachment 2: Details of Subsidiaries' Directors
- Attachment 3: Details of Internal Audit and Compliance Supervisor

## **<u>1. Overview of Business Operation and Policy</u>**

#### **1.1)** Business Objectives

Khon Kaen Sugar Industry Public Company Limited has the policy to operate its business ethically and responsibly towards its stakeholders, society, and the environment. It place emphasis on conducting transparent operations, respecting human rights standards, and safeguarding the interests of all stakeholders through the following vision, mission, and quality policy:

#### Vision

To become the leader in the sugar and related renewable energy industries and to develop a strong business with a sustainable future

#### Mission

- 1. Create income for farmers through efficient processes and high quality agricultural yields.
- 2. Continuous improvement on technology and R&D to efficiently increase agricultural yields.
- 3. Create an environment that mutually benefits our partners of success.
- 4. Develop down-stream businesses to maximize the usage of raw materials, byproducts, and other resources.

#### **Quality Policy**

To produce high quality sugar, achieve efficient operation, make on-time delivery, ensure customer's satisfaction and consumer's safety.

Long term goal of the company is to be one of the leaders in sugar, by-product, and value added productions which can be shown in company's sugar policy: "production of quality sugar with high efficiency, prompt delivery, winning customers' trust, consumption safety". This policy has encouraged company's 5 sugar factories to be widely accepted as one of the highest efficiency and highest quality sugar production groups in Thailand. In addition, with the goal of being one of leading companies in by-product and value added production and with the vision on the potential growth in related – sugar businesses, such as ethanol business, power business, and organic fertilizer business, the company has made continuous investments in these sectors which to date has been successful and highly satisfactory.

The company's short term goal is to be one of the leaders in the industry who excels in cost management and productivity. The goal can be achieved by applying modern technology to the corporate production and management systems. Furthermore, the company is aware that its primary risk is the amount of cane it is able to procure for crushing. The sugar factories and other integrated businesses cannot sustain without adequate cane crushed. The company, hence, aims to reduce the farmers' cane cultivation cost as well as to improve their productivity yields and efficiency. Its objective

is to help the farmers sustain their living and receive higher return on their investment as well as to remain productive suppliers to our businesses.

#### **1.2)** Important Changes and Developments During the Past 3 Years

The company has received permission to relocate and expand two of its sugar factory as well as a permission to build two further ethanol production facilities. In 2008, the company decided to invest in the BoPlay Renewable Energy Project which has 4 sub-projects as follows: 1) Relocation and production capacity expansion (up to 35,000 tons/day) of Tamaka Sugar Industry Co., Ltd from Karnjanaburi to BoPloy, Khon Kaen; 2) Build new ethanol production facility that can produce up to 200,000 liters/day; 3) Build electricity power plant with capacity of 90 MW; 4) Build new biofertilizer plant. The BoPloy Renewable Energy Project has started generating revenue for the company since 2011.

In 2011, the company decided to start the Loei Project that consisted of building 1 sugar factory with capacity to crush 16,000 tons of cane/day and building 1 electricity power plant that can generate 40 MW of electricity. The sugar factory started its test runs during the production season 2012/2013.

In 2012, after performing feasibility study and other required assessments, the company decided to make further investment to expand its electricity power plant and sugar factory in Nampong district of Khon Kaen province. Electricity power plant production capacity will be 65 MW, up from 30 MW and sugar crushing capacity will increased by 8,000 tons of cane sugar/ day, totaling to 35,000 tons of cane sugar/ day. The company expects this expansion project to be completed by the end of 2014.

#### 1.3) Company Overview

Khon Kaen Sugar Industry Public Company and its subsidiaries, under KSL, are Thailand 4<sup>th</sup> largest sugar producer group. The company has 5 sugar factories in the group, located in three different regions, as follows:

- 1. Northeastern Region: Khon Kaen Sugar Industry Public Company Limited; Nampong branch in Khon Kaen province and Wansapung branch in Loei province.
- 2. Western Region: New Krung Thai Sugar Factory Co.,Ltd and Tamaka Sugar Industry Co.,Ltd in Kanchanaburi province
- 3. Eastern Region: New Kwang Soon Lee Sugar Factory Co.,Ltd in Cholburi province

The core products which the company produces are sugar which can be categorized to be 4 types: (a) raw sugar (b) high pol sugar (c) white sugar and (d) refined sugar. The company also has other products related to sugar production process, such as molasses, bagasses and filter cake. According to

these kinds of products, the company has a plan to invest in value added projects, as followings: (shown on Figure 1.1)

- (1) Ethanol plant: Ethanol is mixed with gasoline, and the mixture is used as fuel for vehicles. Raw materials used in the Group's ethanol production include molasses and sugarcane juice
- (2) The biogas plant uses waste water from ethanol production process as a raw material. Biogas produced through fermentation of the raw material is used as a supplementary fuel for the corporate power plant.
- (3) The organic fertilizer plant uses waste from the sugar production process (filter cake) and wastewater from biogas and ethanol production as raw materials.
- (4) The power plant uses waste from the sugar production process (bagasse) and biogas from the biogas plant as fuel sources for producing electricity and steam sold to plants in the Group and the EGAT.

Figure 1.1 : The Relationship between KSL's Existing Sugar Production and KSL's Value Added Project



As of October 31, 2013, Khon Kaen Sugar Industry Public Company Limited and its subsidiaries have the investment in subsidiaries and affiliates, as followings:

	Paid - Up	Proportion	
Business Unit/Company Name	Capital	Of	Nature of Main Business
	(THB Million)	Investment	
Sugar Business			
Tamaka Sugar Industry Co.,Ltd.	600.00	90.21%	Produce and distribute sugar
New Krung Thai Sugar Factory Co.,Ltd.	1000.00	95.78%	Produce and distribute sugar
New Kwang Soon Lee Sugar Factory Co.,Ltd	500.00	98.61%	Produce and distribute sugar
Savannakhet Sugar Corporation	684.76	98.49%	Sugar cane Plantation and Sugar Factory in Laos
Koh Kong Plantation Co.,Ltd*	936.98	80.00%	Sugar cane Plantation in Cambodia
Koh Kong Sugar Industry Co.,Ltd	1167.66	80.00%	Sugar Factory in Cambodia
Supporting Business			
Thai Sugar Terminal Public Company Limited**	145.20	23.82%	Terminal, Warehouses, Real estate, produce and distribute wheat flour and palm oil
KSL Export Trading Co.,Ltd.	20.00	79.55%	Sugar and Related products Exporting Activities
KSL Agro and Trading Co., Ltd.	300.00	100.00%	Trading domestic sugar and operating agricultural businesses
Wynn In Trading Co., Ltd	487.497	100.00%	International trading and consulting
Energy and Chemical Business			
Khon Kaen Alcohol Co.,Ltd	610.00	100.00%	Producing and distributing ethanol or agri-fuel and bio-

			fertilizer or organic fertilizer
Khon Kaen Sugar Power Plant Co.,Ltd	800.00	100.00%	Power Plant (SPP)
KSL Material Supply Co.,Ltd.***	10.00	100.00%	Raw Material Sourcing
Other Business			
KSL Real Estate Co.,Ltd	840.00	91.02%	Real Estate Development and Training Center
Champion Fermentation Co.,Ltd	200.00	32.50%	Joint Venture with the business partner to invest 60% in Chantaburi Starch Co.,Ltd Starch Factory by using cassava as raw material

#### Note:

Proportion of investment shown above includes both direct and indirect shareholdings

\* Previously named KSL Chemical Co., Ltd

\*\* Indirect shareholding through Wynn In Trading Co., Ltd.

\*\*\* Thai Sugar Terminal Public Company Limited, a KSL subsidiary listed in the Stock Exchange of Thailand as TSTE, has 5 subsidiaries:

TSG Assets Company Limited operates real estate rentals. TSTE holds 23.11% shares.

TS Oil Industry Company Limited (formerly known as TSG Property Company Limited) trades, leases, develop real estate, and operate a palm oil refinery plant. TSTE holds 28.48% shares.

TS Flour Mill Company Public Company Limited rents out real estate and manufactures wheat flour. TSTE holds 16.59% shares and itself was listed in the Stock Exchange of Thailand as TMILL.

TS Warehouse Company Limited stores and transfers goods. TSTE holds 19.30% shares.

TS Transport and Logistics Company Limited provides transport and security services. It also manufactures plastic sacks. TSTE holds 30.58% shares directly and indirectly.

For further details, refer to Listed Company Information on Thai Sugar Terminal Public Company Limited (TSTE) and TS Flour Mill Company Public Company Limited (TMILL).

THB 2,105 M, 80%

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tion of KSL Group on October 31, 2013 shown on the following chart:



The details of Khon Kaen Su gar Industry Public Company Limited, subsidiaries and affiliates are as follows:

#### Sugar Business

#### Khon Kaen Sugar Industry Public Company Limited

The nature of business is to produce and distribute sugar and other by-products. The first branch is located in Nampong district, Khon Kaen province with the maximum crushing capacity of 27,000 ton cane per day and the second branch is located in Wangsapung district, Loei province with the maximum crushing capacity of 16,000 ton cane per day. Both of them have the capability to produce raw sugar, high pol sugar, white sugar and refined sugar. The company' headquarter is located at KSL Tower, Sriayudhya Road, Rajathevi, Bangkok.

#### Tamaka Sugar Industry Co.,Ltd

The nature of business is to produce and distribute sugar and other by-products. The factory is located in Tamaka district, Kanchanaburi province with the maximum crushing capacity of 35,000 ton cane per day and the capability to produce raw sugar, white sugar and refined sugar.

#### New Krung Thai Sugar Factory Co.,Ltd

The company produces and distributes sugar and other by-products. The factory, which was originally located in Tamaka district, Kanchanaburi province, was relocated to Bo Ploy district, Kanchanaburi province. The production capacity was expanded to the maximum crushing capacity of 35,000 tons of cane per day. Construction has already completed, the factory is capable of producing raw sugar, white sugar, and refined sugar.

#### New Kwang Soon Lee Sugar Factory Co.,Ltd

The enterprise produces and distributes sugar and other by-products. The factory located in Panutnikom district, Chonburi province, has the maximum crushing capacity of 3,000 tons of cane per day. The cane crushing capacity decreased due to the fact that some of the machines had been moved to Laos and Cambodia. The factory is capable of producing raw sugar, high pol sugar, white sugar, and refined sugar.

#### Savannakhet Sugar Corporation

The company received sugarcane plantation concession that covers approximately 10,000 hectares (62,500 rai) from the Lao government. Sugarcane cultivation is undertaken by the company itself. The sugar factory in Savannakhet has the maximum crushing capacity of 3,000 tons of cane per day. Its output includes raw sugar and other byproducts.

#### Koh Kong Plantation and Koh Kong Sugar Industry

The company received sugarcane plantation concession that covers approximately 20,000 hectares (125,000 rai) from the Cambodian government. Sugarcane cultivation is undertaken by the company itself. The sugar factory in Koh Kong has the maximum crushing capacity of 6,000 tons of cane per day. Its output includes raw sugar and other byproducts.

#### Supporting Business

#### KSL Export Trading Co.,Ltd

Established in 1992, the company performs as a licensed exporting company, according to cane and sugar act 1984, which provides services of exporting activities to the sugar companies in KSL Group and also other sugar factories.

#### Thai Sugar Terminal Public Company Limited (TSTE)

The company is a listed company in the Stock Exchange of Thailand. Its businesses involve warehouse leasing, loading and discharging sea freight, port operations, and freight forwarding. The terminal and warehouse are located in Prapadang, Samutprakarn, on the Chopraya River bank. Customers are primarily sugar companies in the KSL Group, other sugar factories owned by strategic partners, and general customers. In addition, Thai Sugar Terminal Public Company Limited (TSTE) is the mother company of 5 subsidiaries, which mainly deal with real estate trading and leasing, wheat flour production, plastic sack manufacturing, and palm oil refinery plant operations. (For details, refer to listed company profiles section: Thai Sugar Terminal Public Company Limited (TSTE)).

#### KSL Agro and Trading Co., Ltd.

The company, formerly known as KSL Agro Co., Ltd., was established in 2006. It deals with sugar cane cultivation on corporate land and promotes cane cultivation among farmers. Currently this company trades domestic sugar and operates agricultural businesses.

#### Wynn In Trading Co., Ltd

The nature of business is international trading and international investment consulting. Khon Kaen Sugar Industry Public Company held 100.00% share of Wynn In Trading Co., Ltd.

#### **Energy and Chemical Business**

#### Khon Kaen Alcohol Co.,Ltd

Established in early 2004, the company runs the business of producing alcohol (Ethanol) from molasses, sugarcane and others with the licenses of 150,000 liters per day granted by Ministry of Industry for the purpose of producing alcohol for blending with gasoline, so-called "gasohol", using as fuel in vehicles. In addition, the company produces fertilizers as a downstream project to the alcohol plant, which uses waste water generated from alcohol plant and filter cake, waste products from sugar processing. The company has a second branch of ethanol production facility as part of the Boploy Renewable Energy Project. It has already operated commercially in 2012 which increase the production capacity from 150,000 liters per day to 350,000 liters per day.

#### Khon Kaen Sugar Power Plant Co., Ltd.

Established late in 2003, the company operates renewable power plants that can produce electricity and steam by using bagasses as raw material. The power produced at the plants cam supply the factories within the group and any additional power generated are then sold to EGAT (Grid). Currently, the company operates 3 power plants all locating nearby its sugar factories. The first branch is closed to Khon Kaen Sugar Factory in Nampong district of Khon Kaen province. The second branch is closed to New Krung Thai Factory in Karnjanaburi province (part of the Boploy Renewable Energy Project). The third branch is located next to Khon Kaen Sugar Factory in Wangsapong district of Loei province (The Loei Project). Currently, the total capacity of all three branches can produce up to 160 MW of electricity. The total capacity of the three branches will reach 195 MW of electricity once the plant expansion project in Loei is completed.

#### KSL Material Supply Co.,Ltd

Previously named KSL Chemical Co.Ltd, KSL Material Supply Co.Ltd now operate business relating to sourcing and selling raw materials and materials related to agriculture such as biofertilizers and related services.

#### **Other Businesses**

#### KSL Real Estate Co., Ltd

The company is involved in the business of property rental and resort ownership in Kanchanaburi, near the River Kwai, under the name of "River Kwai Park and Resort" This company provides the accommodation and facilities for holiday vacation and training center for employees of the KSL group and other general customers. Additionally, the company has acquired a commercial rental property, The Liberty Square Building that is located in the heart of Silom Road that is one of the busiest business area of Bangkok with approximately 19,151 sqm of rental space consisting of 22 floors and 6 levels of underground parking.

#### Champion Fermentation Co.,Ltd

The company is a joint venture business between Khon Kaen Sugar Industry Public Company and business partners with 32.5% of share hold by Khon Kaen Sugar Industry. The joint venture company has the investment about 60% of share in Chantaburi Starch Co.,Ltd which operate a starch producing factory in Chantaburi province (Eastern of Thailand), using cassava as raw material.

Regarding the policy to regulate and monitor the operation of subsidiaries and affiliates, Khon Kaen Sugar Industry has categorized its subsidiaries and affiliates which have the similar nature of business to be a group together under the same team of management. 4 sugar companies are under the same board of executive directors. For supporting business, energy and chemical business and other business, Khon Kaen Sugar Industry will assign its own representatives to join as a position of company directors for policy making or as a position of top management for operation directing, which will make consistency in policies from parent company, subsidiaries and affiliates.

## 2. Description of Each Business Operation

#### 2.1) Revenue Structure

Company	% of Shareholding in	2011 Revenue		2012 Revenue		2013 Revenue	
Company	2013	(Million THB)	%	(Million THB	%	(Million THB	%
1. Khon Kaen Sugar Industry Public Company	Mother Company	7,362.94	33%	8,159.56	27%	7,584.83	27%
2. Tamaka Sugar Industry Co.,Ltd	90.21%	3,851.87	18%	4,103.60	14%	3,193.48	11%
3. New Krung Thai Sugar Factory Co.,Ltd	95.78%	2,198.11	10%	4,879.60	16%	4,801.90	17%
4. New Kwang Soon Lee Sugar Factory	98.61%	968.96	4%	1,144.64	4%	795.89	3%
5. Thai Sugar Terminal Public Company	23.82%	2,224.10	10%	3,249.06	11%	2,485.90	9%
6. KSL Export Trading Co.,Ltd	79.55%	16.03	0%	27.40	0%	17.88	0%
7. Khon Kaen Alcohol Co.,Ltd	100.00%	759.67	3%	1,882.31	6%	2,466.09	9%
8. Khon Kaen Sugar Power Plant Co.,Ltd	100.00%	1,016.01	5%	1,869.17	6%	2,170.17	8%
9. KSL Material Supplies Co.,Ltd*	100.00%	7.60	0%	16.05	0%	3.26	0%
10. Savannakhet Sugar Corporation	98.49%	291.96	1%	281.78	1%	256.99	1%
11. Koh Kong Plantation Co.,Ltd**	80.00%	347.39	2%	247.99	1%	135.83	0%
12. Koh Kong Sugar Co.,Ltd	80.00%	526.90	2%	375.73	1%	674.17	2%
13. KSL Agro and Trading Co., Ltd.	100.00%	2,415.83	11%	4,095.76	13%	3,858.27	13%
14. KSL Real Estate Co.,Ltd	91.02%	6.16	0%	10.18	0%	104.14	0%
15. Champion Fermentation Co.,Ltd	32.50%	(9.17)	0%	(8.29)	0%	(0.17)	0%
16. Wynn In Trading Co.,Ltd	100.00%	1.08	0%	-	0%	-	0%
Total		21,985.44	100%	30,334.54	100%	28,548.63	100%
Minus Interrelated items		5,222.17		7,637.89		8,831.12	
Total Revenues		16,763.27		22,696.65		19,717.51	

\* Formerly name KSL Chemical Co.,Ltd

\*\* Indirect shareholding through Wynn In Trading Co., Ltd.

#### 2.2) Description of each products

#### Sugar: Production and Characteristics

The company is a group of sugar manufacturers whose quality management system is certified by SQF 2000, ISO 9001: 2000, and Hazardous Analysis and Critical Control Point (HACCP) accreditations. Sugar produced by the KSL group can be divided into four categories according to their types and levels of purity as follows:

Raw sugar – Raw sugar has a color index higher than 1,500 ICUMSA. It is dark brown, and has a high dirt index and a low purity index. Transfer is done in bulk without the use of sacks. This type of sugar cannot be consumed until it is refined or purified, turning into white sugar or refined sugar.

High pol sugar - High pol sugar has a color index between 1,000 - 1,500 ICUMSA. It can be consumed without any further process needed. Generally, the sugar is put in sacks before being transported. It is priced lower than white sugar and refined sugar.

White sugar - White sugar has a color index between 46 - 200 ICUMSA with a degree of polarization not lower than 99.50. It is widely consumed among households and used as a raw material in food industries where moderate purity is required.

Refined sugar – Refined sugar has a color index that does not exceed 45 ICUMSA. It is especially high in purity. The sugar is used in certain industries where highly pure sugar is needed, such as pharmaceutical industry, carbonated beverage industry, and energy drink industry.

After sugar manufacturing there is a residue called "molasses" that its sugar content is so low that any further sugar extracting is uneconomical. Molasses is a valuable by-product obtained from sugar production. It contains 20% water, 30% sucrose, 32% invert sugar, 12% non-sugar organic substance, and 6% ash. From one ton of sugarcane, the corporate sugar factories have capacity to manufacture between 45-50 kilograms of molasses. An amount of molasses produced in a year depends on a quantity of sugarcane crushed in the year. Molasses can be widely used in such biochemistry industries as alcohol and distilling industry, yeast industry, monosodium glutamate industry, animal food industry (where molasses is mixed with cassavas and bagasse), vinegar industry, and soy sauce and seasoning sauce brewing industry.

Other residues from sugar manufacturing process that are also useful include bagasse and filter cake. Bagasse is the fibrous material remaining after the last extraction of juice from sugarcane. Now the company uses burned bagasse as a source of energy for electricity and steam generation used in sugar manufacturing process. Part of the electricity generated is sold to the EGAT. Filter cake is a residue from vacuum filtration. It can be used as a raw material for general-purpose fertilizer. In the past, the company gives away filter cake to sugarcane farmers to promote sugarcane plantation in nearby areas.

After the company's subsidiary has continuously operated alcohol and chemical production, wastewater from the factory can be mixed with filter cake and bio-decomposed to produce organic fertilizer that is suitable for sugarcane plantation. This completes the corporate value-added product ranges.

#### Sugar: Market and Competition

#### International Market and Industry Overview

The world sugar market: In 2012/2013 approximately 183.4 million tons of raw sugar was produced worldwide, representing an increase of 8 million tons or 4.6% from the previous year. The world's total consumption demand rose to 172.1 million tons, a 4.5 million tons increase or about 2.7% growth compared to that of 2011/12. As a result, the ending stock from 68.3 million tons in 2012/13 to 76.7 million tons in 2012/13. The stock represented 40.77% of the total demand, or an equivalent of 5 months sugar consumption.



Chart 2.1: World Sugar Balance (Millions Tons, centrifugal sugar, raw value, OCT/SEP)

Source: F.O.Lichit, updated 1-11-2013

According to F.O. Licht's forecast on November 1, 2013, the 2013/14 output will decrease by 0.8 %, from 183.4 million tons to 181.9 million tons. Consumption will increase by 1.8% to 175.2 million tons. There will be an excess of world sugar supply of about 81.1 million tons. In Asia, it is forecasted that demand for sugar within the region will overtake supply, causing a shortage of 11.7 million tons. However, this figure is subject to changed in demand, supply, and many other external factors.

The world price of sugar is affected by the quantity of sugar produced each year, the demand, the existing stock, and uncontrollable changes in climates and government regulations. Climate uncertainties such as flooding, drought, or severe cold in countries where sugar is produced can have a significant impact on the quantity of sugar priced and consequently on the price of sugar sold. Similarly, government regulations regarding sugar export license and sugar import quotas can exert pressure on the price of sugar sold.

For a trend in sugar price can also depends on output quantities from Europe and from major producer countries, such as Brazil, Australia and Thailand. As the largest sugar and ethanol producer in the world, Brazil's production level and sugar-ethanol parity can have a significant impact on world sugar price. When Brazilian producers can gain more profit from selling ethanol, they will convert more cane into ethanol production and less for sugar production and vice versa. Nonetheless, the capability for Brazilian producers to switch production between sugar and ethanol is limited between 40-60% as their factories are not designed to run 100% for either product. Other factors that affect world sugar price can be from changes in oil price, exchange rate, global economic outlook, and from investment funds whose activities may include shifting investing strategies from commodity to other assets.



Chart 2.2: World Sugar Price (NYBOT#11) During Last 10 Years

Year : Nov / Oct, data updated until Oct, 2013

Furthermore, export channels of Thai sugar manufacturers are divided into:

- 1. Thai sugar manufacturers sell their sugar through major traders such as Cargill, Tate & Lyle, Kerry, etc. The traders then sell the sugar to other overseas buyers. Risk of failure to collect payments and complications in export management are minimized. Thai sugar manufacturers' only responsibility is to transport their sugar to ports of exports, such as FOB ports of Bangkok and Lamchabang.
- 2. Thai sugar manufacturers export their products to neighboring countries, such as Laos and Cambodia, through borders. A small amount of sugar is sold to vendors at borders.
- 3. Thai sugar manufacturers sell to manufacturers who use sugar in production of their exports. When domestic sugar prices are higher than those in international markets, the export manufacturers who use sugar as a production material lose their competitiveness in the world market. To promote investment in the food industry and competitiveness, the government allows those who manufacture exports to buy sugar at the world' market prices conditionally.

#### Domestic Marketing and Industry Overview

Domestic sugarcane and sugar industries are governed by Thai Sugarcane and Sugar Industry Act B.E. 2527. Office of the Cane and Sugar Board is in charge of ensuring adequacy of sugar for the domestic demand. Every year the board estimates the domestic sugar consumption amount and determines quotas for sugar factories according to their capacity. Domestic sugar prices are controlled by Goods and Services Act B.E. 2542. Current domestic sugar price are mandated that:

- (1) Prices of regular white sugar purchased at sugar factories do not exceed Baht 1,900 per 100-kilogram sack.
- (2) Prices of refined white sugar purchased at sugar factories do not exceed Baht 2,000 per 100-kilogram sack.
- (3) Wholesale prices of regular white sugar at all domestic wholesale businesses do not exceed Baht 1,965 per 100-kilogram sack, and those of refined white sugar do not exceed Baht 2,065 per 100kilogram sack.
- (4) Retail prices of regular white sugar at retail businesses in Bangkok, Nonthaburi, Pahumthani, Samutprakarn, and Samutsakorn do not exceed Baht 21.50 per kilogram; and those of refined white sugar do not exceed Baht 22.50 per kilogram. (included VAT)

The price control does not apply to sugar cubes in boxes or packets that do not weigh over 10 grams.

#### **Competition**

In 2013, there are 50 operating sugar factories (exclude non-operating and new license sugar factories which is not yet constructed) in Thailand with sugarcane crushing capacity of 100 million tons/year and sugar manufacturing capacity of 10 million tons/year (depending on yearly sugarcane

amounts in the crushing process and sugarcane quality). The crushing process lasts about 4 - 6 months each year due to small amounts of sugarcanes entering the process. It begins in November and ends in April or May. The numbers of sugar factories are under government control. Licenses from Office of the Cane and Sugar Board and Department of Industrial Works, Ministry of Industry, are required for sugar factories in increasing capacity, moving factories, or operating new sugar factories.

In 2013, all 50 sugar factories are opened for operation. Most of these factories are part of the five major groups of sugar manufacturers and only a handfall of small manufacturers operate independently. The KSL Group is the 4<sup>th</sup> largest sugar producer in Thailand, with 8 % market share. It has 5 factories (In 2012, KSL operates 4 factories since the new one just finish construction) located in three regions: the Northeast (2 factories), Central Thailand (2 factories), and the East (1 factory). Table 2.3 shows sales of different types of sugar in the past 3 years as well as ratios of sales in export markets to domestic markets.

Table 2.3: Sales of Different Types of Sugar and Ratio of Domestic Sugar to Total Sugar Sales in the Past 3 Years

Sale		2013			2012			2011	
Volume & Price	Volume	Avg. Price	Value	Volume	Avg. Price	Value	Volume	Avg. Price	Value
	Unit	THB / unit	M THB	Unit	THB / unit	M THB	Unit	THB / unit	M THB
Sugar	720,318	17,226	12,408	792,816	19,543	15,494	617,013	19,994	12,336
Domestic	192,331	19,935	3,834	197,975	19,973	3,954	144,641	19,957	2,887
Export	527,987	16,239	8,574	594,841	19,400	11,540	472,372	20,005	9,450
% Domestic Sale/Total Sale	27%			25%			23%		

#### **Sugar: Product and Service Provision**

#### Raw Material Provision Policy

Providing raw materials for manufacturing is a vital process for sugar producers. As the total capacity of the Thai sugar industry exceeds domestic sugarcane produce, all the sugar factories need to ensure that the maximum amount of cane is provided for their production in order to reduce their fixed cost per unit. The main solution employed by most sugar manufacturers is providing financial support to farmers, which is known as the "Geaw" system. Agreements of the sugar producers' advance purchase of sugarcanes from the supported farmers are made, allowing the farmers to apply for loans from the sugar manufacturers. The loans are used for sugarcane cultivation. Harvested sugarcanes, then, are delivered to the factories and the sugarcane costs are deducted from the loans.

The company's strategy is giving long-term benefits as incentives to the sugarcane farmers providing their crops to the corporate factories. This promotes both the growth of the farmers' incomes and the company. The main policy "Prosperity of farmers is prosperity of the factory", especially employed in the northeast, emphasizes creating and promoting a sustainable way to make a living for sugarcane farmers, as well as eliminating middlemen known as "Quota Heads". This effort allows the company to learn about problems experienced by the farmers and provide them suitable assistance.

Also, the company provides the farmers equipment, knowledge and production support, such as providing loans for purchasing trucks; giving them filter cakes for making fertilizers free of charge; and providing experts in sugarcane cultivation, and prevention and elimination of crop pests. The support enhances good relationships between the farmers and the company, as well as systematic growth.

#### Production policy

The company focuses on maximizing the volume of white sugar and refined white sugar manufactured, as the two products have the highest selling prices with the highest profit. It also focuses on the improvement of production efficiency. Production efficiency that is higher than the average of the industry will help reduce unit cost. As a result, the company will be more competitive.

#### Marketing policy

Due to the fact that sugar prices in domestic consumer markets are controlled by the Government, the company emphasizes direct sale to industries with product quality and on-time delivery promises. Most of the customers are businesses in beverage and confectionary industries.

The company, moreover, emphasizes the sale of its sugar products to food product re-exporters, as it allows the sale of C quota sugar which yields better profit than regular exports while requires lower transport cost.

#### Environmental effects

The sugar manufacturing process causes wastewater and dust from ash in the steamer's burning process. The company is well aware of such effects and has employed appropriate measures to prevent environmental problems, in compliance with standards issued by Ministry of Industry.

#### Sugar: Works Not Submitted

- None –

#### **Ethanol : Product Characteristics**

Khon Kaen Alcohol Co., Ltd., a subsidiary of Khon Kaen Sugar Industry Public Company Limited, produces and sells ethanol to oil companies. The ethanol is combined with gasoline at 10, 20 and 85 % to produce the final product commonly called gasohol.

#### **Ethanol : Marketing and Competition**

#### Domestic Marketing and Industry Overview

Domestic demand for ethanol depends on the amount of domestic consumption of gasohol that is a mixture of gasoline and ethanol. Gasohol was first introduced for public use in 2006. The blend contains 10 % of ethanol (E 10). In 2008, oil prices exceeded 100 USD per barrel which prompted the Thai government to support the use of gasohol as car fuels through providing tax relief and contributing fund. These factors made the gasohol prices lower than gasoline, as shown in Table 2.4. The promotion of the use of gasohol as an alternative energy source allowed continuous growth for the ethanol market. Currently, average 2.8 million liters of ethanol per day is mixed in gasoline. The amounts of ethanol used to mix with gasoline for gasohol production is shown in Table 2.4.

Table 2.4: Selling Price Structure of Gasohol

#### **PRICE STRUCTURE OF PETROLEUM IN BANGKOK, January 10, 2014**

THB / Litre	EX	OIL	CONSV.	WS &	MARKET	VAT	RETAIL
	REFIN	FUND(1)	FUND	VAT	MARGIN		PRICE
ULG 95 R	25.44	10.00	0.25	46.43	1.89	0.13	48.45
GASOHOL 95 E10	25.85	3.30	0.25	38.88	1.92	0.13	40.93
GASOHOL 95 E20	26.18	-1.30	0.25	33.48	2.34	0.16	35.98
GASOHOL 91 E10	25.62	1.20	0.25	36.38	1.96	0.14	38.48
GASOHOL E85	27.37	-11.60	0.25	18.38	5.80	0.41	24.58

Source: Energy Policy and Planning Office, Ministry of Energy



Chart 2.5: Quantity of Ethanol Used to Mix with Gasoline as Gasohol

Source: Department of Energy Business, Ministry of Energy

The first quarter of 2013, domestic consumption of ethanol dramatically increased as the government ban gasoline (91 octane) and most petrol stations replaced their normal gasoline (91 octane) with gasohol.

#### International Marketing and Industry Overview

Brazil is the world's major ethanol producer and exporter. Primarily, ethanol is produced from sugarcane. It can be used as fuel for car by mixing with gasoline at the ratio of 20 - 25 % or purely 100 % with specially designed cars. The Brazilian government has a policy to promote the use and manufacture of cars that run with ethanol 100 %. There is a control over the production and demand for ethanol through changing the amount of ethanol content in gasoline.

#### Competition

In 2013, domestic consumption of ethanol rose dramatically as the government ban the sale of normal gasoline (91 Octane). Most petrol station installed gasohol in their premises, which helps smooth this transition. Although many factories has the capacity to produce ethanol to satisfy demand, they are

prevented from running their production to full capacity as the sale price of ethanol do not correlates with the price of its raw material. As a result, in 2013, the demand and supply of ethanol is somewhat stagnated. However, for the company, we gain competitive advantage over other ethanol producers as our raw material for ethanol is a by-product that is sourced from our sugar factory. Table 2.6 shows the sales volume and average selling price of ethanol.

 Table 2.6: Sales Volume and Average Selling Price of Ethanol in the Past 3 Years

	2013	2012	2011
Sale Volume (Liters)	104,651,475	88,493,880	29,382,525
Avg. selling price (Baht/Liter)	22.25	20.47	23.11

#### **Ethanol: Product and Service Provision**

#### Raw material provision policy

The company's ethanol plants purchase the raw material, molasses, from sugar factories of KSL (the holding company) at the market price. A one-year agreement is made in advance. If the KSL factories do not have enough molasses, the raw material is purchased from nearby sugar factories. For more flexible raw material management the company invested in facilities that allow the production of ethanol from cassava flour and other cassava-related products. This is to ensure that there is sufficient raw material and that production cost is manageable. If the world's sugar prices drop, sugarcane juice from the KSL group's sugar factories can be used as raw material in ethanol production.

#### Production policy

The company minimizes its costs by ensuring economies of scale, flexibility in using cheap raw materials and cost reduction. Expenses are minimized, such as using wastewater in producing organic fertilizer. Corporate resources are shared, such as personnel of sugar factory, or the Group purchasing energy from its own power plant. Leasing molasses storage tanks reduces the cost of investing them. Purchasing molasses at the factories helps save transport costs.

Being able to produce the raw material, molasses, within the group allows the consistency of the quality of the material and more production effectiveness. Contaminants are reduced. Molasses storage tanks are appropriately temperature controlled, allowing highly effective production.

#### Marketing policy

Ethanol is an industrial product. It is used as a material in producing gasohol. Consistency in quality, standard, and availability are very important. The company ensures that its production meets those requirements by exercising quality assurance. Part of the ethanol produced is stored in tanks for sale during the period when the operation is ceased for annual machinery repair and maintenance.

#### Environmental effects

The production of ethanol generates wastewater. The company uses the wastewater from ethanol production process to mix with filter cake from the group's sugar factories to make organic fertilizer. The fertilizer is then sold to farmers. Hence, the company is able to minimize its negative impact on the environment.

#### **Ethanol: Works Not Submitted**

- None –

#### **Electricity and Steam Product Characteristic**

The project has been undertaken by Khon Kaen Sugar Power Plant Co., Ltd who sells electricity and steam to factories within the group. Any excess electricity produced is sold to Electricity Generating Authority of Thailand (EGAT). Currently, the group operates 3 power plant, all of which located near to its sugar factories. The first power plant is located near to Khon Kaen Sugar Factory in Nampong district of Khon Kaen province. It can produce up to 30 MW, 20 MW of which is sold to EGAT. The second power plant is located near to New Krungthai Sugar Factory in BoPloy, Karnjanaburi. It can produce up to 90 MW, 20 MW of which is sold to EGAT. The third power plant is located near to Khon Kaen Sugar Factory in Wangsapong, Loei province. It has the capacity to produce 40 MW and is under expansion.

#### **Electricity and Steam Market and Competition**

The electricity and steam generated is first sold to the KSL Group's plants so that it can be used to produce sugar and ethanol. The excess electricity produced is then sold to to Electricity Generating Authority of Thailand (EGAT) through contract in advance and therefore has limited number of competitor and reliable customer. A 100% of electricity and steam produce is sold domestically.

Table 2.7 Sales Volume and Average Selling Price of Electricity in the Past 3 Years

	2013	2012	2011
Sale Volume (MW-hour)	301,136	267,452	172,879
Avg. selling price (THB/MW-hour)	3,416	3,215	2,793

#### **Electricity and Steam: Product and Service Provision**

#### Raw material provision policy

Raw material procurement is crucial in operating the electricity generating business. The corporate power plant is mainly fueled by bagasse. Each year, the Group crushed sugarcane fluctuates. A limited amount of crushed sugarcane may affect the fuel amount available for the power plant's electricity generating. Thus, Khon Kaen Sugar Power Plant has prepared purchasing biomass fuel sources, such as bagasse, eucalyptus bark and scrap wood, from nearby plants.

#### Production policy

#### (1) Cost Management

The Khon Kaen Sugar Power Plant committed to minimize its production cost. Costs of electricity generating and steam energy production include fuel and depreciation. Fuel efficiency is, hence, crucial. The company also ensures economies of scale to reduce its unit cost.

#### (2) Improving and Developing Production Effectiveness

The quality of fuel is effectively controlled, as the company uses its own bagasse. Fuel efficiency is ensured by controlling moisture in bagasse using such methods as bagasse dryer system and setting up roofs to protect the material from the rain.

#### Marketing policy

The long-term agreement between the company and EGAT allows the electricity produced to be priced based on natural gas prices and exchange rates. The sale unit price increases at the time when EGAT's demand for electricity is high. Electricity sold to the companies in the KSL Group is priced at the same rate as that sold to EGAT.

#### Environmental effects

Extensive Environmental Impact Assessment (EIA) has been carried out. The facilities in Khon Kaen has been registered with CDM Executive Board as a CDM project (under the Kyoto Protocol). The company has the right to sell its carbon credits if and when the UNFCCC officially count and certify the amount of carbon it help reduced.

#### **Electricity & Steam: Works Not Submitted**

- None -

## 3. RISK FACTORS

Significant risk factors in the operation of the sugar business of the company, which may have affect on the return on investment by the shareholders, can be summarized as follows.

#### 3.1) Risk factors in Raw Material Sourcing – Sugarcane

The company's business is to run factories to produce sugar which use sugarcane as raw material. The company has also invested in other related projects, which use by products and wastes generated from the sugar manufacturing process, to create added value. Therefore, the quantity of sugarcane available for crushing is the most important factor affecting the operations of the company.

There are two main reasons that cause fluctuations in the quantity of sugarcane, viz. (1) changes in the acreage under sugarcane plantation which may depend on the price agreed for the cane and whether it is worthwhile for the farmers to grow sugarcane compared to other agricultural crops as well as the promotional policies of the Government and (2) changes in the yield of sugarcane (ton(s) of cane per rai) which may occur due to climate change conditions, such as drought and flood, caused by global warming.

When the quantity of sugarcane crushed reduces, the effect on the company is that the quantity of sugar produced goes down, the unit cost, especially the fixed cost per unit, goes up, the profit per unit reduces and the company's overall profit is reduced. In addition, in those years when the sugarcane crushed is low, there is increased competition among sugar factories to purchase the sugar cane locating in the neighborhood area. Therefore, in order to protect their crushing quantities, sugar factories have to vie by paying more than the price, established by revenue sharing system. This increases the overall raw material cost for the company.

Thailand is one of the world's leading sugar exporters and is the leading sugar supplier to the Asian region. Decreased amounts of cane crushed in Thailand result in lower sugar quantities available for exportation. Export prices, consequently, increase. Such increase relieves the impact of decreased quantities of cane crushed and burden of increased costs. The company, furthermore, values stability of sugarcane supplies. To ensure the sustained supplies, the company offers assistance to sugarcane farmers, such as loans for planting sugarcane crop, support in procuring inputs for farming, providing irrigation systems, introducing technology to increase yields and efficiency in cultivation, and reducing the influence of middle men in sugarcane sales and purchase deals. All the assistance is provided for the farmers in an attempt to help them improve their lives.

#### 3.2) Risk from Sugar Price Fluctuation in the World Market

While considering sugar trade in the world markets, it can be said that sugar has high price fluctuations when compared with other agricultural products. The world sugar prices depend on several factors, such as demand and supply of countries that are producers, consumers, exporters and

importers. Traders' speculations are in relation to climatic conditions facilitating cultivation in each of the respective countries. Government policies on promoting, interfering, exporting and importing sugar, particularly in developed countries also determine pricing in the industry. At present, sugar prices are also interrelated to oil prices. Both sugarcane and molasses can be used to produce a type of alcohol called ethanol. Ethanol can be blended with gasoline to produce fuel. All the above factors cause high fluctuations in the world sugar prices.

Generally, sugar companies in Thailand are bound to meet the domestic demand first. The balance sugar can be exported. Every year, the Office of the Cane and Sugar Board estimates the quantity of domestic demand for sugar, called Quota A, and allocates this Quota to all the sugar factories based on their respective sugar production. The ratio of domestic sales to exports of all sugar factories is therefore quite similar, usually in the range of 30:70 to 40:60 depending on the sugarcane available for crushing all over the country. The sales of the sugar industry fluctuate according to world sugar prices in the 60 - 70% range. However, regarding on the cost of production, the cane price is the major cost, calculated by the formula based on the revenue sharing system 70:30. This means that when the sugar price has decreased 100%, the farmer should get the 70% impact in term of lower sugar cane price and the sugar factory should get 30% impact.

During the past few years, the world sugar price was very volatile. It can be seen from the average future price around 10-12 cents/lb surged to be around 15-20 cents/lb and was volatile especially in 2010-2011 it used to be trade at more than 30 cent/lb. With severe price fluctuations, if the company were not able to establish a selling price that was higher than the price level for setting cane prices, the corporate operating results would have been severely affected. To prevent the risk posed by sugar price volatility in the world market, the company entered into a sugar futures contract with a financial institution. The risk hedging procedure would allow the company to minimize the dependency of its profitability on the risk posed by sugar price volatility. However, this could affect profit and loss account recording, and there was a risk that the amount hedged through the sugar futures contract could exceed the actual volume of sugar exported. This oversold condition could result in a loss. For details, refer to topic 6. Other Related Information: Risk Hedging Procedure Against Sugar Price Volatility in the World Market.

Previously, the fluctuations in the world sugar price had a strong influence in the company's operations and profitability as it focused its businesses mainly on sugar and molasses. Since the company invested in other related industries such as ethanol, bio-fertilizer, and power plant, the risks it faced from sugar price fluctuations is drastically reduced and allow the company to operate in businesses that are more profitable and less dependent on world market price.

#### **3.3)** Risk from Government Policy

The sugarcane and sugar industry in Thailand is under the supervision and control of the Office of the Cane and Sugar Board under the Cane and Sugar Act 1984. The Board regulates the amount of sugar produced by a quota system (Quota A for domestic sales, Quota B and C for sugar exports), controls the domestic price, regulates on the ratio of distribution of revenue from the sugar business between the

farmers and sugar factories, with the revenues sharing in the ratio of 70:30, controls on the entry of new players in the sugar business etc. It is evident that the rules and regulations enacted by the Cane and Sugar Board have an impact on the production costs and the operations of the company. For example, the revenues sharing system 70:30 ratio determines the sugar cane price which the sugar factories must pay to the farmers. In case, changes in the domestic sugar prices or changes in regulation of entire sugar industry, it will have a definite impact on the operations of the company.

Other overall Government policies also have an impact on the company's business. For example, the decision to promote the renewable energy, such as ethanol, has secured the domestic sale volume. The policy to promote the planting of oil palm trees or price guarantees for cassava have negative impact on the company since the area under sugar cane plantation will reduce and farmers will switch to growing alternative crops with better returns.

The Company realizes the importance of government policies in shaping directions of cane and sugar industry. Hence, it has collaborated with three sugar factories associations and associations of sugarcane farmers to enhance the government understanding of cane and sugar industry and its significance. The industry is a precursor of the food and processed food industries. Ethanol derived from sugar production can be used as fuel energy. Ethanol is a pure alcohol that can also be used as a starting point for production of other chemicals. Exporting sugar brings in foreign income and almost does not require import costs and expenses. This differentiates the sugar industry from other industries.

Sugarcane is Thailand's important economic crop in which every part of it can be utilized. Communication, explanation and understanding between the government and the sugar industry can reduce the risk potentially posed by government policies affecting directions of sugarcane and sugar industries.

#### 3.4) Risk of Bad Debts Arising from Credit Given to Farmers (Advance Credit)

In the running of a sugar factory, the factories extend loans or other kinds of financial support to sugarcane farmers as working capital to plant sugarcane crop, or what is called "sugarcane credit", thereby reserving the sugarcane for crushing. After the sugarcane crop is ready for harvesting and the sugar factories are ready to start crushing the cane, the farmers harvest the cane and send it to the sugar factories and receive payment for the value of the cane supplied after the loans advanced and other financial support given is deducted. The risks that are generated from such sugarcane credit can come from reduced production in any year due to drought conditions, losses from crop disease and pestilence, farmers refusing to send the cane to the sugar factories etc. Such liabilities, arising from sugarcane credit, can adversely affect the company's operations requiring higher amounts of provisioning for bad debts.

However, by track record, level of bad debt is low because the company not only concerns the above risk factors but also improves in the sugarcane credit system. The company has bought a satellite monitoring system (Global Positioning System – GPS) to survey the sugarcane plantation areas, which

helps in reducing the problems of ownership of sugarcane fields. The system is also used to plan for sourcing more sugarcane. The company also encourages farmers to deposit assets as collateral for the loans advanced. All this has resulted in the company having a low bad debt situation at present and the major debts are adequately covered with the pledged assets.

#### **3.5)** Risks of Investing in Corporate Ventures

The company has undertaken 2 projects during the past 3 years which are investment in sugar factory and power plant in Loei province and investment in power plant capacity expansion and crushing efficiency enhancement of sugar factory in Khon Kaen province.

There are risks involving in the projects, as some of them are in progress of construction and pre-construction. At this point, it is still difficult to determine whether the projects will be successful or not. The risks are explained as follows:

#### Investment in Sugar Factory and Power Plant in Loei province

This project is approved by cabinet to split some idle capacity of Khon Kaen Sugar Industry PCL to invest in the new sugar factory and also expand into capacity of 24,000 tons cane / day in Loei province. The Board of Directors meeting on May 9, 2010 has approved to invest in sugar factory and power plant in Loei province. The total investment value is approximately THB 3,800 million. The project consists of one sugar factory with capacity of 16,000 tons cane / day and one power plant with capacity of 40 Megawatt. The project was under a test run for the production season 2012/2013 and is expected to operate fully for the production season 2013/2014. Since the test run was successful, it reduces mechanical risks involved in setting up the new sugar factory. However, the company is still facing some risks of sourcing sufficient quantity of cane to support the increase of production capacity. The company had foreseen this risk, and tries to mitigate it by supporting local farmers to grow more cane even before the start of the expansion project. There are some other risks involved which the company is in the process of getting approvals and permissions from various different governmental organizations.

### Investment in Power Plant Capacity Expansion and Crushing Efficiency Enhancement of Sugar Factory in Khon Kaen province

The Board of Directors meeting on November 9, 2012, has approved the Company to make an investment in power plant capacity expansion by investing in 35 Megawatt capacity from its existing 30 Megawatt capacity; which is 65 Megawatt in total and efficiency enhancement of sugar factory by enhancing 8,000 tons cane / day capacity from its existing 27,000 Tons cane / day capacity. The total investment value is approximately THB 3,360 million which is expected to be finish in 2014. The project costs a lot of investment budget and still has some funding concern. However the company has partially solved funding concern by using internal cash flow and retained earnings of Khon Kaen Sugar Industry PCL to fund the project.

The other risks that may arise are construction risk and pre-construction risk since the project is in process of environmental impact assessment (EIA).

#### 3.6) Exchange Rate Risk

The company exports about 60-70% of the sugar produced and hence, it is exposed to the risk of fluctuating foreign exchange rates. However, the company operates under the 70:30 revenue sharing scheme, which hedges the risk from exchange rate variations since, lower revenues due to lower exchange rates cause the sugarcane price to be lower under this scheme. This means that sales revenues and major raw material cost of the company are directly linked to the exchange rate (Natural Hedge).

#### 3.7) Risk of having major shareholders controlling the votes of at the Shareholders' meeting

The Chinthammit and his company hold more than 60% of total paid up share capital of the company. Therefore, the Chinthammit Group and his company can control all the proceedings of the shareholders meetings whether it is the appointment of Directors or whether it is to seek approvals on other matters that require majority votes, except for special agendas which, by law or by the articles of association of the company, require 75% vote in shareholders' meetings. Therefore, it is difficult for other shareholders to collect enough votes to investigate or counterbalance the issues raised by the majority shareholders.

However, for the company's transparency and power balancing, the company has appointed 7 independent committee members for checking the operations of the company. Thus, power balancing for operation in the company is reasonable. In addition, the company also has also set up an independent internal control team which reports directly to the audit committee.

#### 3.8) Risk from the World's Economic and Financial Situations

The US and EU financial crises caused by credit problems have spread widely to other regions, affecting liquidity and economic systems around the world. As the mentioned issues have been affecting economies worldwide, there is no guarantee that these issues and similar circumstances in the future will not affect sugar businesses, demand for sugar, and/or the world's sugar prices. The lack of liquidity among financial institutions may also affect the Group's sources of loans and financing costs.

KSL has implemented its financial policies well. Its D/E has been at an appropriate level. The company has maintained good relationships with all the banks that are long-term corporate business partners. All the corporate businesses will be handled carefully in order to minimize the future probable effect of the world's financial and economic conditions on the company.

#### 3.9) Risk from Laos & Cambodia Projects

The projects in both countries are part of the first offshore sugar business in which the company is granted the concession area for cane plantation from the government and permitted to construct sugar factories. But land condition in concession area has low quality, lack of technology for huge plantation, lack of infrastructure and human resources therefore the projects take longer time for develop than the first plan. Consequently the productions still not reach break-even point and in 2012 both projects had loss. However the company has witnessed and solved various problems throughout the years. The company hired consultants to develop not only planting technology but also management system to control budget. Moreover the company provides loan to local farmers and suppliers to expand more plantation. After continuously developing infrastructures and land condition in the past, the projects show improvement and potential for good return on investment in the future. Additionally, there are risks associated with doing projects abroad which extend beyond agricultural risks relating to cane growing and sugar production and include risks from political turmoil and instability, local community dispute, and different law and regulations that often changed and are somewhat ambiguous. The company is aware of these risks and is trying to manage it most efficiently.

## 4. Operating Assets

#### 4.1) Core Operating Assets of the company and its subsidiaries

As of 31 October 2013, the company and its subsidiaries have core operating assets, as followings:

Items	Area (estimate d number)	Ownershi p	Net Book Value (THB Million)	Encumbrance
1. Land & Land Development (Rai)				
Land for factory location.				
- Khon Kaen Sugar Industry	1,739.13	owner	528.26	
- Tamaka Sugar Industry	239.19	owner	519.48	
- New Krung Thai Sugar Factory	798.22	owner	398.17	
- New Kwang Soon Lee Sugar	231.62	owner	66.48	
- Khon Kaen Alcohol	696.00	owner	180.13	
- Khon Kaen Sugar Power Plant Co., Ltd.	212.00	owner	37.96	
Cane Plantation Area	5,179.60	owner	444.47	
Other Lands		owner	1,467.09	Some in Loan Collateral
Total			3,642.05	
2. Factory Building and Construction		Owner	3,976.23	Some in Loan Collateral
3. Machinery and Equipment		Owner	8,841.44	Some in Loan Collateral
4. Motor Vehicle and Labors saving		Owner	870.17	
device				
5. Furniture and Office Equipment		Owner	90.66	
6. Assets in Construction		Owner	7,716.97	
Total			25,137.52	

#### 4.2) Intangible Assets

#### **Trademarks**

Key trademarks of Khon Kaen Sugar Industry Public Company and subsidiaries are registered at The Department of Intellectual Property, as followings:





#### **BOI Certificates**

On 31 October 2013, Three domestic subsidiary companies received 8 investment promotion certificates from the Board of Investment of Thailand (BOI) under the Investment Promotion Act B.E. 2520. The benefits includes the exception of income tax for profit for the year derived from operation of promoted businesses for the period of 8 years commencing from the first date of income received from the promoted business. The details are as follows:-

<u>Certificate No.</u>	Sections	Date	Promoted activity types	<u>Commenced</u> <u>date</u>	<u>Expire date</u>
				<u>of revenues</u> generated	
1929(2)/2547	25, 26, 28, 31, 34, 35(3), 36(1) and 36(2)	November 2, 2004	<ul> <li>Production of pure alcohol or fuel from agricultural products, including scraps, garbage or waste</li> </ul>	January 8, 2006	January 7, 2014
			- Production of biological fertilizers or organic fertilizers	March 30, 2006	January 7, 2014
1062(2)/2552	25, 26, 28, 31, 34, 35(3), 36(1) and 36(2)	January 30, 2009	<ul> <li>Production of pure alcohol or fuel from agricultural products, including scraps, garbage or waste</li> </ul>	Income not	t yet derived
			- Production of biological fertilizers or organic fertilizers	Income not	t yet derived
1063(2)/2552	25, 26, 28, 31, 34,	January 30, 2009	- Production of pure alcohol or fuel from agricultural products, including	December 6, 2011	December 31, .2019

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<u>Certificate No.</u>	Sections	Date	Promoted activity types	<u>Commenced</u> <u>date</u>	Expire date
	35(3), 36(1) and 36(2)		scraps, garbage or waste		
			- Production of biological fertilizers or organic fertilizers	December 30, 2011	December 31, .2019
			- Production of biological	February 29, 2012	December 31, .2019
2364(1)/2554	25 26 28 31 34 35(1) 35(2)	September 20, 2011	- Production of biological	February 28, 2013	February 28, 2021
	and 35(3)				
1258(2)/2548	25, 26, 28, 31(3), 31(4), 34 and 35(3)	March 29, 2005	- Production of electricity power	December 22, 2006	December 21, 2014
			and steams		
1432(2)/2552	25, 26, 28, 31(1), 31(2), 31(3), 31(4), 34, 35(1), 35(2) and 35(3)	June 24, 2009	<ul> <li>Production of electricity power steams and water for manufacture</li> </ul>	November 30, 2010	November 29, 2018
1349(2)/2556	25, 26, 28, 31(1), 31(2), 31(3), 31(4), 34, 35(1), 35(2) and 35(3)	Mach 15, 2013	<ul> <li>Production of electricity power steams and water for manufacture</li> </ul>	Income no	t yet derived
1657(2)/2552	25, 26, 28, 31(1), 31(3), 31(4) and 34	August 25, 2009	<ul> <li>Production of pure vegetable oil and /or semi-pure vegetable oil</li> </ul>	June 5, 2010	June 4, 2018

Furthermore, in accordance with the Promotion Certificate No.1063(2)/2552, 1432(2)/2552, and 1349(2)2556, the subsidiary receives the privilege in 50% income tax reduction of the regular rate for the period of 5 years commencing from the expiration date of income tax exemption and under the Promotion Certificate No. 1657(2)/2552, the subsidiary is granted privilege for exemption of import duties for approved machinery and exemption from income tax on dividend on profit from promoted businesses during the period in which the Company is granted exemption from corporate income tax.

Three foreign subsidiaries are granted by foreign investment certificate and tax privilege from Lao People's Democratic Republic (the  $1^{st}$  Certificate) and from Kingdom of Cambodia (the  $2^{nd}$ - $4^{th}$  Certificates) which the details are as follows:

1) Foreign Investment Certificate No. 017-06/ Khor Lor Tor includes tax privilege for exemption from income tax for 5 years from the date of first receiving revenue from sales of sugar, thereafter, the subsidiary shall pay income tax at the rate of 20%. The revenue is first derived on July 21, 2010 and will expire on July 20, 2015.

2) Foreign Investment Certificate No. 4420/06 Ghor. Wor. Ghor. dated December 15, 2006 and No. 4342/07 Ghor. Wor. Ghor. dated November 20, 2007 issued by the Council for the Development of Cambodia, the subsidiary is granted by tax privilege for exemption from import the duties for machinery for manufacturing and construction materials.

3) Foreign Investment Certificate No. 1641/09 Ghor. Wor. Ghor. and No. 1642/09 Ghor. Wor. Ghor. dated July 28, 2009 issued by the Council for the Development of Cambodia, the subsidiary is granted tax privilege for exemption from income tax for the period of 8 years, including priority period commencing from the period when subsidiary is operated (year 2006).

4) Tax Exemption Certificate for agriculture-industrial (sugar cane) No. 4511 dated July 29, 2009 issued by the Ministry of Economy and Finance, Cambodia, grants the privilege to charge value-added tax at 0% for sales of sugar cane to manufacture sugar for export. This certificate is valid for the period of 1 year from July 29, 2010 to July 31, 2011. The subsidiary is currently waiting for the renewed certificate covering the period from last expiration date to current fiscal year which it has submitted for.

#### 4.3) Investment and Management Policy for subsidiaries and affiliates

As of October 31, 2013, the company invests in both direct and indirect 19 subsidiaries and 1 affiliate, as followings:

#### Subsidiaries (The company holds the shares directly)

- 1) Tamaka Sugar Industry Co.,Ltd
- 2) New Krung Thai Sugar Factory Co., Ltd
- 3) New Kwang Soon Lee Sugar Factory co.,Ltd
- 4) KSL Real Estate Co.,Ltd
- 5) KSL Export Trading Co.,Ltd
- 6) Khon Kaen Sugar Power Plant Co.,Ltd
- 7) Khon Kaen Alcohol Co.,Ltd
- 8) KSL Material Supplys Co., Ltd. (formerly KSL Chemicals Co., Ltd.)
- 9) Thai Sugar Terminal Public Company Limited
- 10) KSL Agro and Trading Co., Ltd.

11) Savannakhet Sugar Co.,Ltd

12) Koh Kong Sugar Industry Co.,Ltd

13) Wynn In Trading Co.,Ltd

#### <u>Subsidiaries (The company holds shares directly and indirectly through Thai Sugar Terminal Public</u> <u>Company Limited.</u>

14) T S G ASSET CO., LTD.

15) T S OIL INDUSTRY CO., LTD.

16) T S FLOUR MILL PUBLIC CO., LTD

17) TS WAREHOUSE CO., LTD.

18) T S TRANSPORT AND LOGISTIC CO., LTD.

#### Subsidiaries (The company holds the shares indirectly through Wynn In Trading Co., Ltd.

19) Koh Kong Plantation Co., Ltd.

Affiliate 1) Champion Fermentation Co.,Ltd

For the subsidiaries that the company holds its shares directly, the company has controlling power through holding more than 50 % of shares except Thai Sugar Terminal Public Company Limited and 5 subsidiaries which the company holds directly and indirectly 23.82% of the share but has controlling power in according with the definition of subsidiaries specified in account standard.

The company has the policy to invest in the business related to sugar business, sweetener business or other business that gives the benefit and reasonable return to core business. The criteria for the investment will be based on competitive advantage, reasonable return, the amount of money to invest. In addition, considering the proportionate of investment will be depended on many factors, such as, how significant the expertise of business is. If the business needs special experiences significantly and the company has no or less experience, the company will let other strategic partners holding the share in higher proportion. However; if the company has the investment in high proportion, the company will assign its own representatives to participate in a position of company directors or a position of top management. In addition all of company investment must be approved by the board of director and there should not be the conflict of interest with the parent company in the future.
# 5. Legal Dispute

As of 31 October 2013, the Company and its subsidiaries had no dispute which might have a potential negative impact in excess of 5% of the shareholders' equity per its consolidated financial statements as of the latest accounting period and the company was not involved in any other dispute which would have a significant impact on its business.

However, according to the Cabinet Resolution dated May 11, 2010, the Company was permitted to move its factory to Loei Province and to expand production capacity from 12,000 tons per days to 24,000 tons per day. Then, the Company submitted the application of factory operation permit (Ror Ngor 4) to the Ministry of Industry according to the Factory Act, provided that the Company proceeded according to the procedures of such application and now the duration of consideration for the issuance of such factory operation permit has been passed. However, the Ministry of Industry did not issue such factory operation permit (Ror Ngor 4) to the Company.

The Company and Khon Kaen Sugar Power Plant Company Limited, a subsidiary, had filed a lawsuit in the Administrative Court on December 27, 2012 and asked such court to enforce the Ministry of Industry to issue the factory operation permit (Ror Ngor 4) to the Company and its subsidiary. In addition, the Company and its subsidiary filed the petition to such court for an interim measure of protection and then, such court issued its order for interim measures on January 17, 2013, providing that the factory of the Company at Loei Province was allowed by the court to crush sugar cane from the contracting farmers until April 15, 2013 and the Company's subsidiary was also allowed to generate the electricity to the Company in such period.

Later, the Company received the written order to notify that the Department of Industrial Works rejected to issue the factory operation permit (Ror Ngor 4) to the Company for the sugar factory located at Loei Province. On March 8, 2013, the Company filed an appeal regarding the rejected order to the Minister of Industry. On May 3, 2013, the Company filed a letter to follow up the result of such appeal. However, the Company has not received an outcome yet.

On September 2, 2013, the Company filed a lawsuit at the Administrative Court to request such court to cancel the related guidelines and enforce the Ministry of Industry to issue the factory operation permit (Ror Ngor 4) to the Company. Moreover, on November 11, 2013, the Company filed the petition to such court for an interim measure of protection which the Company has not yet received an outcome yet. As the pressing season of sugar canes was approaching, which the contracting sugar cane farmers would be affected if the sugar factory at Loei Province did not crunch sugar canes, the sugar factory at Loei Province started to crunch sugar canes on December 2, 2013.

# **<u>6. General Information and Other Information</u>**

# 6.1) General Information

Company Name	:	Khon Kaen Sugar Industry Public Company Limited
Type of business	:	Manufacturer of Sugar & Sugar-related products
Registered & Head Office	:	503 KSL TOWER 9 <sup>th</sup> Floor, Sriayudhya Road, Rajathevi,
		Bangkok, 10400 Thailand.
Company Registration Number	·:	0107547000214
Registration Phone number		
Tel.	:	+662-642-6230
Fax	:	+662-642-6228
Website	:	http://www.kslsugar.com

#### 6.2) Risk Hedging Procedure Against Sugar Price Volatility in the World Market

Thailand has the capability to produce sugar more than domestic consumptions, some of remaining sugar were exported. Ratios of domestic consumption to exportation vary each year by year - approximately from 20:80 to 40:60--depending on yearly amounts of sugar cane crushed. Then, Thailand becomes the second largest sugar exporter after Brazil. Revenue of sugar producers in Thailand is partially based on the world market sugar prices and fixed domestic sugar prices, regulated by government.

In terms of world sugar price, the policies supporting and protecting benefits of farmers, and food security policies regulate importing countries to issue measures for regulating and restricting sugar importation. These policies, issued by international government sectors, affect sugar demand in the world market. Factors related to climate uncertainty such as flooding, droughts, or severe cold in countries where sugar is produced and consumed, limited number of exporting countries, and any other events affecting the world market sugar supply also affect the world sugar prices. Furthermore, in the past 2 - 3 years, significant increase in investment by foreign funds has heightened fluctuation of sugar prices in the world market; prices are much higher or lower than fundamental factors. Sugar prices are especially volatile in years when consumption demand is close to or greater than the amount of sugar produced. Chart 6.1: World Sugar Prices in the Past 10 Years demonstrates volatility of sugar prices.



Chart 6.1: World Sugar Prices in the Past 10 Years

YEAR	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13		
Max	9.07	9.32	11.84	19.30	12.37	15.02	24.64	34.39	35.31	26.50	19.94		
Average	7.13	7.07	9.31	14.83	10.16	11.86	17.26	22.34	26.88	21.58	17.84		
Min	5.89	5.36	8.22	9.75	8.45	9.52	11.38	13.67	20.47	18.54	16.00		
the late and the	Held served life. O summarian to UPETER her multiplied by 00.0400												

Unit : cent / Ib , Conversion to US\$/Ton by multiplied by 22.0 Year : Nov / Oct, data updated until Oct, 2013



Year : Nov / Oct, data updated until Oct, 2013

Due to the fact that revenue of sugar producers in Thailand is partially based on the world sugar prices, which fluctuate significantly, the company's operating results will be affected when sugar prices in the world market drop drastically. To prevent the risk posed by sugar price volatility in the world market, the risk hedging procedure has been established with the use of risk management mechanisms and tools in the forms of futures contracts. Prices are based on those at futures markets in New York (NYBOT#11 – Raw Sugar) and London (LD#5 – Refined Sugar). Details are as follows:

### Case 1: Normal business transactions in trading export sugar (without risk hedging)

A buyer and seller agree on a sugar price based on the market price. Once reaching an agreement, the changed world market price does not affect the agreed price and accounting recorded value. The seller records the price as agreed with the buyer, for instance:

### In case of sugar price increase in futures market

Day 1: Sugar futures price is at 600 USD / ton :

The buyer and seller agree on a transaction of sugar at the market price of 600 USD + premium 100 USD

Day 2: Sugar futures price increases to 800 USD / ton : The seller delivers the sugar. The buyer pays 600 USD + 100 USD premium = 700 USD

Accounting Record: The company income generated from sugar sale is 700 USD.

Note: Premiums of sugar are based on types of sugar, delivery sites, delivery time, delivery terms, etc.

## In case of sugar price decrease in futures market

Day 1: Sugar futures price is at 600 USD / ton :

The buyer and seller agree on a transaction of sugar at the market price of 600 USD + premium 100 USD.

Day 2: Sugar futures price decreases to 400 USD / ton :

The seller delivers the sugar. The buyer pays 600 USD + 100 USD premium = 700 USD.

Accounting Record: The company's income generated from sugar sale is 700 USD.

It can be seen that prices that buyers receive depend on the time that buyers and sellers agree to make transactions. This becomes problematic when the world sugar prices are high. Sellers are interested in selling, while buyers are not willing to buy due to high prices. When the world sugar prices are low, buyers are willing to buy. Sellers, however, consider the prices too low and are not so willing to sell. Sellers and buyers are unable to agree on prices. This method would only work if sugar prices in the world market were not volatile. High volatility of sugar price causes the sellers and/or buyers losing the opportunities to trade at their own satisfied prices.

### Case 2: Adopting risk hedging procedure for sugar price in form of sugar future contracts

During a period when the world sugar prices are highly volatile, to prevent losing opportunities to sell at satisfied prices, sugar producers adopt risk hedging procedure in form of "sugar futures contracts" which their price are based on world sugar price. With this futures contracts, contracts are not settled by sugar delivery, but by cash settlement which paying the difference between the sugar price fixed on the day the contracts are made and the sugar price on the day the contracts are settled (unwinded). The risk hedging procedure may be carried out directly at sugar futures market through a broker or alternatively, through a financial institution as a counterparty. Examples are as follows:

### In case of sugar price decrease in futures market

# Day 1: Sugar futures price is at 600 USD / ton :

The seller is satisfied with the price at this level, but no interest from any buyer. Buyers expect the price to decrease. The seller entered into a contract with a financial institution fixing the sugar futures price at 600 USD.

Day 2: Sugar futures price decreases to 400 USD / ton :

A buyer is interested in buying. The seller sells sugar at the agreed market price of 400 USD + 100 USD premium = 500 USD. At the same time, the seller closes or unwinds the futures contract by buying back the contract at the market price of 400 USD/ton (sold at 600 USD while bought back at 400 USD), resulting in 200 USD gain.

From this example, the seller's actual income from the sugar sale is 500 USD + 200 USD gain from entering into the sugar futures contract = 700 USD. The amount equals the guaranteed price of 600 USD + 100 USD premium = 700 USD.

Accounting Record: The company generates income from sugar sale at 500 USD (which is lower than the guaranteed price of 700 USD). The 200 USD gain from entering into the sugar futures contract is recorded as other income.

## In case of sugar price increase in futures market

## Day 1: Sugar futures price is at 600 USD/ton :

The seller is satisfied with the price at this level, but receives no interest from any buyer. Buyers expect the price to decrease. The seller enters into a contract with a financial institution fixing the sugar futures price at 600 USD.

## Day 2: Sugar futures price increases to 800 USD/ton :

A buyer needs sugar for use, resulting in buying at a high price. The seller sells sugar at the agreed market price of 800 USD + 100 USD premium = 900 USD. At the same time, the seller closes or unwinds the futures contract by buying back the contract at the market price of 800 USD/ton, resulting in 200 USD loss (sold at 600 USD while bought back at 800 USD).

In this example, the seller's actual income from the sugar sale is 900 USD + -200 USD loss from entering into the sugar futures contract = 700 USD. The amount equals the guaranteed price of 600 USD + 100 USD premium = 700 USD.

Accounting Record: The company generates income from sugar sale at 900 USD (which is higher than the guaranteed price of 700 USD). The -200 USD from entering into the sugar futures contract is recorded as a loss.

In all the cases, the company has the net income of 700 USD (excluding a commission paid to the financial institution). Methods of producing accounting records are, however, different. For the regular transaction, (no risk management involved), the company records 700 USD as income from sale. The concerns with this type of transaction is that at the time there may not be any buyer willing to buy, or the seller may not be willing to sell. Adopting a risk hedging tool of sugar futures contracts, if the market is in a downturn, the company will record income from the sugar sale at 500 USD, and 200 USD gain from entering into the sugar futures contract will be recorded as other income. However, during an

upturn in the market, the company will record 900 USD as income from sale and -200 USD loss from entering into the sugar futures contract.

In conclusion, entering into sugar futures contracts enable (1) buyers and sellers to trade at prices considered satisfactory by both parties without the need to wait for prices to reach the levels that buyers and sellers can agree on; and (2) the net revenue will be equal to fixed prices. If the market is experiencing a down turn, actual income from sugar sales will be low, but will be offset by gain from entering into sugar futures contracts. During an upturn, however, actual income from sugar sale will be high, while there is loss from entering into sugar futures contracts.

### Important Concerns

1. The times of recording actual sales may be different from those of recording gain/loss from entering into sugar futures contracts. Accounting policies of some companies, for example, record income from actual sales when sugar is delivered to customers. Gain/loss from entering into sugar futures contracts is recorded upon contract closure or unwinded. It is possible that companies will realize gain/loss from entering into sugar futures contracts before recording sales, resulting in a discrepancy between the two records produced at different periods. This outcome will be experienced significantly by companies that report their operating results in quarterly basis.

2. Adopting a risk hedging procedure for sugar price volatility in form of sugar futures contracts can insure the company against the sugar price risk on existing sugar volume and also sugar volume estimated to be produced in the future. Amounts hedged under sugar future contracts vary according to sugar production estimated to be produced in the future. However, amounts of sugar produced depend on quantities of cane crushed largely affected by climate, vast cultivation areas, and a lot of farmers. As a result, inaccuracy of estimation of sugar cane crops may be rather high.

When estimation of sugar cane crops are too high, sugar futures contracts have been made according to the estimates and later the actual outputs do not match up with the estimates, the contracts become oversold. If the sugar future price is in an upturn, there will be actual loss from sugar futures contracts made. This is due to the fact that there is no actual sale at a high price to offset. In contrast, when the sugar market price is experiencing a downturn, there will be actual gain from sugar futures contracts.

# 7. Shareholder Structure

# 7.1) Securities

At October 31, 2013, The company's registered capital consisted of 1,870 million shares at a par value of THB 1.00, or a total of THB 1,870 million and the company's registered paid-up capital consisted of 1,704.64 million shares or THB 1,704.64 million.

# 7.2) Shareholders

Top 10 major shareholders of the company in the past 3 years are as followings: (exclude Treasury stock)

	31 Otober 2011				31 Otober 2012				31 Otober 2013		
Rank	Name	No. of Shares	% of total	Rank	Name	No. of Shares	% of total	Rank	Name	No. of Shares	% of total
1	KSL Sugar Holding Company Limited	500,000,000	32.24	1	KSL Sugar Holding Company Limited	520,000,000	33.00	1	KSL Sugar Holding Company Limited	550,000,000	32.92
2	SOMERS (U.K.) LIMITED	56,920,900	3.67	2	Mr.Chanachai Chutimavoraphand	42,533,465	2.70	2	Thai NVDR CO.,LTD	47,913,478	2.87
3	Mr.Chanachai Chutimavoraphand	42,533,465	2.74	3	Thai NVDR CO.,LTD	42,329,343	2.69	3	Mr.Chanachai Chutimavoraphand	44,363,465	2.66
4	CREDIT SUISSE AG SINGAPORE BRANCH	36,507,900	2.35	4	CREDIT SUISSE AG SINGAPORE BRANCH	36,507,900	2.32	4	CREDIT SUISSE AG SINGAPORE BRANCH	38,502,900	2.30
5	Ms.Duangdao Chinthammit	35,520,690	2.29	5	Ms.Duangkae Chinthammit	36,100,956	2.29	5	Ms.Duangdao Chinthammit	37,720,089	2.26
6	Ms.Duangkae Chinthammit	35,509,960	2.29	6	Ms.Duangdao Chinthammit	36,038,790	2.29	6	Ms.Duangkae Chinthammit	37,595,956	2.25
7	Thai NVDR CO.,LTD	34,398,729	2.22	7	Mr.Kamondanai Chinthammit	34,196,000	2.17	7	Mr.Somchai Chinthammit	36,449,139	2.18
8	Mr.Piripon Chinthammit	33,814,700	2.18	8	Mr.Piripon Chinthammit	33,819,260	2.15	8	Mr.Kamondanai Chinthammit	36,038,870	2.16
9	Mr.Kamondanai Chinthammit	33,534,700	2.16	9	Mr.Somchai Chinthammit	31,949,139	2.03	9	Mr.Piripon Chinthammit	35,057,870	2.10
10	Mr.Somchai Chinthammit	30,867,175	1.99	10	Chinnakij Company Limited	30,910,000	1.96	10	Chinnakij Company Limited	32,901,000	1.97
	Total for Top ten major shareholders	839,608,219	54.13		Total for Top ten major shareholders	844,384,853	53.59		Total for Top ten major shareholders	896,542,767	53.67
11	Others	711,456,956	45.90	11	Others	731,383,230	46.41	11	Others	774,004,117	46.33
	Total paid-up registered capital	1,551,065,175	100.00		Total paid-up registered capital	1,575,768,083	100.00		Total paid-up registered capital	1,670,546,884	100.00

Chinnakij Co., Ltd. is owned by the Chinthammits. The family members hold most of the shares. None of the shareholders holds shares more than 30 % of the authorized share capital.

The registered capital and paid up capital of KSL SUGAR HOLDING COMPANY LIMITED consists of 100 million shares at par value of THB 10.00 per share or THB 1,000 million.

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Top 10 major shareholders in company's shareholder record are as followings:

	31 Otober 201	1			31 Otober 201	2			31 Otober 201	3	
Rank	Name	Number of Share	%	Rank	Name	Number of Share	%	Rank	Name	Number of Share	%
1	Ms.Nareerat Chinthammit	6,052,634	12.11	1	Ms.Nareerat Chinthammit	12,105,268	12.11	1	Ms.Nareerat Chinthammit	12,105,268	12.11
2	Ms.Duangdao Chinthammit	3,923,972	7.85	2	Ms.Duangdao Chinthammit	7,847,944	7.85	2	Ms.Duangdao Chinthammit	7,847,944	7.85
3	Ms.Duangkae Chinthammit	3,882,325	7.76	3	Ms.Duangkae Chinthammit	7,764,650	7.76	3	Ms.Duangkae Chinthammit	7,764,650	7.76
4	Mr.Chanachai Chutimavoraphand	3,485,894	6.97	4	Mr.Chanachai Chutimavoraphand	6,971,788	6.97	4	Mr.Chanachai Chutimavoraphand	6,971,788	6.97
5	Mr.Chamroon Chinthammit	2,685,290	5.37	5	Mr.Chamroon Chinthammit	5,370,580	5.37	5	Mr.Chamroon Chinthammit	5,370,580	5.37
6	Mr.Somchai Chinthammit	2,584,945	5.17	6	Mr.Somchai Chinthammit 5,169,890 5.17 6 Mr.Somchai Chinthammit		5,169,890	5.17			
7	Mr.Sarun Chinthammit	2,123,414	4.25	7	Mr.Sarun Chinthammit	4,246,828	4.25	7	Mr.Sarun Chinthammit	4,246,828	4.25
	Mr.Kamondanai Chinthammit	1,453,000	2.91	8	Mr.Kamondanai Chinthammit	2,906,000	2.91	8	Mr.Kamondanai Chinthammit	2,906,000	2.91
9	Mr.Piripon Chinthammit	1,453,000	2.91	9	Mr.Piripon Chinthammit	2,906,000	2.91	9	Mr.Piripon Chinthammit	2,906,000	2.91
10	Ms.Yaovanuth Dejvitak	1,450,000	2.90	10	Ms.Yaovanuth Dejvitak	2,900,000	2.90	10	Ms.Yaovanuth Dejvitak	2,900,000	2.90
	Ms.Yaovaluck Chutmavoraphand	1,450,000	2.90		Ms.Yaovaluck Chutmavoraphand	2,900,000	2.90		Ms.Yaovaluck Chutmavoraphand	2,900,000	2.90
	Total for Top 10 Major Shareholders	30,544,474	61.09		Total for Top 10 Major Shareholders	61,088,948	61.09		Total for Top 10 Major Shareholders	61,088,948	61.09
11	Others	19,455,526	38.91	11	Others	38,911,052	38.91	11	Others	38,911,052	38.91
	Total Registered Paid Up Capital	50,000,000	100.00		Total Registered Paid Up Capital	100,000,000	100.00		Total Registered Paid Up Capital	100,000,000	100.00

## 7.2) Dividend Payment Policy

The company pays dividends at a rate of not less than 50% of its net income after tax and legal reserves of separate financial statement if there is no necessity for the use of the money, and if the dividend payment does not have an adverse effect on corporate operations significantly. Factors that are considered include corporate operation results, financial position, liquidity, and business expansion plans. The dividend payment requires approval from corporate shareholders and/or the Board of Directors. Dividend payment of the subsidiaries and associates to Khon Kaen Sugar Industry Public Company depends on their cash flow, liquidity, suitability, and necessity for the use of the money. No minimum rate is specified.



# 8. Management Structure

As of October 31, 2013, the Company's Board of Directors comprises of:

1) Mr. Manu Leopairote	Chairman and Independent Director
2) Mr. Chamroon Chinthammit	Director
3) Mr. Prapas Chutimavoraphand	Director
4) Mr. Pornsin Thaemsirichai	Director
5) Mr. Sukhum Tokaranyaset	Director
6) Mr. Thawatchai Rojanachotikul	Director
7) Mrs. Intira Sukhanindr	Director
8) Ms. Duangdao Chinthammit	Director
9) Mr. Somchai Chinthammit	Director
10) Ms. Duangkae Chinthammit	Director
11) Mr. Chalush Chinthammit	Director
12) Mr. Chatri Chinthammit	Director
13) Mr. Somchat Chinthammit	Director
14) Mr. Tachpong Pakornsiriwongse	Director
15) Mr. Pramoon Vichiensin	Independent Director
16)Pol. Gen. Boonpen Bumpenboon	Independent Director
17) Mr. Sitti Leelakasamelurk	Independent Director
18) Mr. Karun Kittisataporn	Independent Director
19) Mr. Worapatr Todhanakasem	Independent Director
20) Ms. Nongluck Phinainitisart	Independent Director
21)Mr. Trakarn Chunharojrit	Director/ Company Secretary

## 8.1.2) The Executives

As of 31 October 2013, the corporate top executives include:

1. Mr. Chamroon Chinthammit	President and CEO
2. Mr. Prapas Chutimavoraphand	Senior Vice President - Administration
3. Mr. Pornsin Thaemsirichai	Senior Vice President – Production & Technique
4. Mr. Sukhum Tokaranyaset	Senior Vice President – Accounting & Finance
5. Mr. Thawatchai Rojanachotikul	Senior Vice President - Administration
6. Ms. Intira Sukhanindr	Senior Vice President – Business Development
7. Ms. Duangdao Chinthammit	Vice President – Human Resource
8. Mr. Chalush Chinthammit	Vice President – Raw Material Supply
9. Mr. Chanachai Chutimavoraphand	Vice President – Accounting & Finance
10. Mr. Theera Sanguandeekul	Vice President – Office of President

## Scope of Duties and Responsibilities of President and CEO:

- 1. Decide on important matters related to the Company. Determine the corporate missions, objectives, guidelines, and policies. Supervise the overall work. Be responsible for the Board of Directors.
- Have the power to employ, appoint, and transfer personnel as necessary and appropriate to be the management or staff members for corporate operations. Define appropriate functions, responsibilities, and remunerations of employees. Have the power to dismiss, lay off, and discharge employees as appropriate.
- 3. Have the power to determine business terms and conditions, such as credit limits, payment terms, trade agreements, and trade term changes.
- 4. Have the power to act and appear as a corporate representative to outsiders regarding affairs related and advantages to the Company.
- 5. Approve the appointment of advisors needed in the corporate operations.
- 6. Deal with affairs concerning the Company's general operations.

The functions and responsibilities of President and CEO shall comply with legislation and the Company's regulations. The approval of President and CEO does not apply to approval of transactions that would allow President and CEO and related persons to have interest or cause conflict of interests affecting the Company and its subsidiaries.

A summary of approved	financial	amounts	of	transactions	according	to	the Company's
authorization manual							

	Approved Financial Amounts for	BOD	EXC	PSD
	Important Transactions			
1	Approval of Annual Budget	More than	Not over	Not over
		THB 500 Million	THB 500 Million	THB 100 Million
2	Approval of Changing/Increasing	Change/Increas	Change/Increas	Change/Increas
	of Annual Budget or Investment	е	е	e
	Budget	More than	Between	Not over
		20%	10% to 20%	10%
3	Approval of purchasing and procurement done without a budget requested for each transaction	More than THB 500 Million	Not over THB 500 Million	Not over THB 100 Million

Note : (1) The power to approve the financial amounts mentioned is governed by legislation and regulations of the company, the Stock Exchange of Thailand and Securities, and Exchange Commission.

(2) BOD : Board of Director, EXC : Executive Board, PSD : President and CEO

# Number of Meeting Attended

No.	Name-Surname	Position	Board of	Directors	Executiv	ve Baord	Audit Co	ommittee		Remunaration mittee	Risk Man Comr	Ĩ.		Governance mittee
			Attend	Total	Attend	Total	Attend	Total	Attend	Total	Attend	Total	Attend	Total
1	Mr. Manoo Leopairote	Chairman	5	5										
2	Mr. Chamroon Chinthammit	Executive Director	4	5	11	12								
3	Mr. Prapas Chutimavoraphand	Executive Director	5	5	12	12								
4	Mr. Pornsin Thaemsirichai	Executive Director	5	5	12	12								
5	Mr, Somchai Chinthammit	Executive Director	5	5	12	12								
6	Ms. Duangkae Chinthammit	Executive Director	5	5	12	12								
7	Ms. Duangdao Chinthammit	Executive Director / Nomination & Remuneration Committee	5	5	12	12								
8	Mr. Tachpong Pakornsiriwongse	Executive Director	5	5	12	12			2	2				
9	Mr. Trakarn Chunharojrit	Executive Director / Company Secretary	5	5	12	12								
10	Mr. Chatri Chinthammit	Director	5	5										
11	Mr. Chalush Chinthammit	Executive Director / Risk Management Committee	5	5	11	12					4	5		
12	Mr. Sukhum Tokaranyaset	Executive Director	5	5	11	12								
13	Mr. Thawatchai Rojanachotikul	Executive Director	5	5	11	12								
14	Mr. Somchart Chinthammit	Independent Director /Nomination & Remuneration	5	5					2	2				
15	Mr. Pramoon Vichiensin	Independent Director / Chairman of Nomination & Remuneration Committee	5	5					2	2				
16	Pol. Gen. Boonpen Bumpenboon	Independent Director /Chairman of Risk Management Committee /CG Committee	4	5							5	5	-	-
17	Mr. Sitti Leelakasamelurk	Independent Director / Chairman of Audit Committee / Risk Management Committee	5	5			5	5			5	5		
18	Mr. Karun Kittisataporn	Independent Director /Audit Committee/ Nomination & Remuneration Committee / CG	4	5			4	5	2	2			1	1
19	Mr. Warapatr Todhanakasem	Independent Director /Audit Committee/Risk Management Committee/ Chairman of CG Committee	5	5			4	5			5	5	1	1
20	Ms. Nongluck Phinainitisart	Independent Director / Audit Committee / CG Committee	5	5			4	5					1	1
21	Mrs. Intira Sukhanindr	Executive Director	5	5	12	12								

#### 8.2) Directors' and Executives' remuneration

#### 8.2.1) Directors' Remuneration

The board of directors determines clear policies and guidelines for payment of directors' remunerations. For transparency, the remunerations are proposed to shareholders annually. They are adequate and motivational so that the company is able to keep highly qualified directors. Directors serving in committees receive appropriate remunerations corresponding to more duties and responsibilities. Remunerations are divided into 3 categories:

- 1) Regular remunerations are paid for non-executive directors monthly with/without board meetings.
- 2) Meeting remunerations are paid for directors who attend a board meeting.
- 3) Annual extra remunerations are paid for directors in accordance with the corporate annual operating results.

#### 8.2.2) Managing Director's Remuneration

Currently, the company is considering criteria for determining the managing director's remuneration corresponding with operating results, corporate size, and amounts offered by businesses operating in the same industry. The remuneration is a motive for the managing director's developing the company's continuous and sustainable growth.

#### **Directors' Remuneration**

The Company has specified remuneration for its directors with approval from the shareholder meeting on February 28, 2013 as follows:

		Not Exceed to The amount of THB per year			
1.	Remuneration for Chairman of Board of Directors	540,000	тнв		
2.	Remuneration for Chairman of Audit Committee	540,000	THB		
3.	Remuneration for 19 directors THB 25,000 / person / month + bonus	8,550,000	тнв		

 Meeting allowances for 11 executive directors attending THB 500 / person / meeting  Meeting allowances for audit committee, nomination and remuneration committee, risk management committee, corporate governance committee who attend the meeting THB 5,000 / person / meeting, for chairman of each committee THB 6,000 / meeting.

\* Noted: the directors' remunerations do not include the remunerations from subsidiary companies.

## Remunerations for the Management

Remunerations for the Management are in line with the Company's procedures and policies, and in relation to corporate operation results and each individual's performance. Amounts of the remunerations are motivational and enable the company to achieve loyalty among the competent Management.

## Remuneration in Cash

1.	Remuneration	for directors,	, paid in y	year 2013
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				THB in Y	ear 2013		THB in Year 2012				
No.	Name of Directors	Position in Board of Directors	Remun	Remuneration		Total (THB)	Remun	eration	Meeting	Total (THB)	
			Yearly Salary	Bonus	Allowance		Yearly Salary	Bonus	Allowance		
1	Mr. Manoo Leopairote	Chairman	360,000.00	150,000.00	-	510,000.00	360,000.00	120,000.00	-	480,000.00	
2	Mr. Chamroon Chinthammit	Executive Director	300,000.00	125,000.00	5,500.00	430,500.00	300,000.00	100,000.00	5,000.00	405,000.00	
3	Mr. Prapas Chutimavoraphand	Executive Director	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	6,000.00	406,000.00	
4	Mr. Pornsin Thaemsirichai	Executive Director	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	6,000.00	406,000.00	
5	Mr, Somchai Chinthammit	Executive Director	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	6,000.00	406,000.00	
6	Ms. Duangkae Chinthammit	Executive Director	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	6,000.00	406,000.00	
7	Ms. Duangdao Chinthammit	Executive Director / Nomination & Remuneration Committee	300,000.00	125,000.00	16,000.00	441,000.00	300,000.00	100,000.00	21,000.00	421,000.00	
8	Mr. Tachpong Pakornsiriwongse	Executive Director	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	6,000.00	406,000.00	
9	Mr. Trakarn Chunharojrit	Executive Director / Company Secretary	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	5,500.00	405,500.00	
10	Mr. Chatri Chinthammit	Director	300,000.00	125,000.00	-	425,000.00	300,000.00	100,000.00	-	400,000.00	
11	Mr. Chalush Chinthammit	Executive Director / Risk Management Committee	300,000.00	125,000.00	20,500.00	445,500.00	300,000.00	100,000.00	10,000.00	410,000.00	
12	Mr. Sukhum Tokaranyaset	Executive Director	300,000.00	125,000.00	5,500.00	430,500.00	300,000.00	100,000.00	5,500.00	405,500.00	
13	Mr. Thawatchai Rojanachotikul	Executive Director	300,000.00	125,000.00	5,500.00	430,500.00	300,000.00	100,000.00	6,000.00	406,000.00	
14	Mr. Somchart Chinthammit	Independent Director /Nomination & Remuneration Committee	300,000.00	125,000.00	10,000.00	435,000.00	300,000.00	100,000.00	11,000.00	411,000.00	

	Name of Directors		THB in Year 2013			THB in Year 2012				
No.		Position in Board of Directors	Remuneration		Meeting		Remuneration		Meeting	Total (THB)
			Yearly Salary	Bonus	Allowance	Total (THB)	Yearly Salary	Bonus	Allowance	Total (TTID)
		Independent Director /								
15	Mr. Pramoon Vichiensin	Chairman of Nomination &	300,000.00	125,000.00	12,000.00	437,000.00	300,000.00	100,000.00	35,000.00	435,000.00
		Remuneration Committee								
	Pol. Gen. Boonpen Bumpenboon	Independent Director	300,000.00	125,000.00	30,000.00	455,000.00	300,000.00	100,000.00	37,000.00	
16		/Chairman of Risk								437,000.00
10		Management Committee /CG								407,000.00
		Committee								
		Independent Director /	360,000.00	150,000.00	55,000.00	565,000.00	360,000.00	120,000.00	33,000.00	
17	Mr. Sitti Leelakasamelurk	Chairman of Audit								513,000.00
17		Committee / Risk								313,000.00
		Management Committee								
		Independent Director /Audit				465,000.00				
18	Mr. Karun Kittisataporn	Committee/ Nomination &	300,000.00	125,000.00	40,000.00		300,000.00	100,000.00	15,000.00	415,000.00
10		Remuneration Committee /	000,000.00						10,000.00	415,000.00
		CG Committee								

			THB in Year 2013			THB in Year 2012				
No.	Name of Directors	Position in Board of Directors	Remuneration		Meeting		Remuneration		Meeting	
			Yearly Salary	Bonus	Allowance	Total (THB)	Yearly Salary	Bonus	Allowance	Total (THB)
19	Mr. Warapatr Todhanakasem	Independent Director /Audit Committee/Risk Management Committee/ Chairman of CG Committee	300,000.00	125,000.00	51,000.00	476,000.00	300,000.00	100,000.00	10,000.00	410,000.00
20	Ms. Nongluck Phinainitisart	Independent Director / Audit Committee / CG Committee	300,000.00	125,000.00	25,000.00	450,000.00	300,000.00	100,000.00	15,000.00	415,000.00
21	Mrs. Intira Sukhanindr	Executive Director	300,000.00	125,000.00	6,000.00	431,000.00	300,000.00	100,000.00	6,000.00	406,000.00
	Total		6,420,000.00	2,675,000.00	318,000.00	9,413,000.00	6,420,000.00	2,140,000.00	245,000.00	8,805,000.00

\* Noted: the directors' remunerations do not include the remunerations from subsidiary companies.

2. Remuneration for executives in the past year:

Remunerations for 10 executives (listed as corporate top executives on 8.1.2) include salaries, bonuses and allowances amounted to THB 39.50 million.

Other Remunerations -None-

#### **Directorships and Executive Development**

The company has provided training and human resources development programs for all of its personal through internal and external training. It allows the board to participate in its operations and ventures. Corporate directors and executives have participated in training courses organized by accredited institutions, such as Chairman Program, Director Accreditation Program (DAP), and Director Certification Program (DCP) provided by Thai Institute of Directors (IOD), also basic courses for the audit committee, courses offered by the Stock Exchange of Thailand, and cutting-edge management courses offered by other professional institutions. In 2013, the independent director attended the Monitoring the Internal Audit Function (MIA) and Anti-Corruption for Executive Program (ACEP) provided by Thai Institute of Directors (IOD).

New directors are required to complete training and orientation providing important knowledge and skills that are crucial for their directorships. Once there are business expansions or new ventures, the company invites corporate directors to visit the sites and monitor the progress regularly. This is to enhance confidence among shareholders.

#### **Succession Plans**

The corporate board of director realizes that succession plans become necessary in case the managing director or top executives are not able to work. To ensure readiness for the circumstance, the Company has prepared its human resources to be able to take on different responsibilities assigned in order to appropriately cover for their colleagues or fulfill their new positions. Executives are given opportunities to learn about the work outside their fields. This is to enable them to fill in assignments for their colleagues who are unable to take on the responsibilities. The board of directors has assigned the nomination and remuneration committee to research and coordinate with accredited consulting firms and professional institutions during development and revision of succession plans.

### 8.3) Supervision of Use of Inside Information

The company prohibits its directors and the Management from using inside information concerning important matters including trading of securities before publication for personal gains. Preventive measures against the use of inside information by the directors and the management are as follows:

1. The company informs executives about their obligation to disclose security holdings and changes of the holdings of themselves, their spouses, and their children who have not yet attained the majority according to the Securities and Exchange Act B.E. 2535, article 59 and statutory penalty, article 275.

2. Circular notices are sent to executives advising those who receive important inside information that affects prices of securities not to trade corporate securities within that one month and not to disclose the important inside information before the corporate financial statements or the particular information is publicized.

3. Should there be any changes in security holdings of the company's directors and executives, the changes must be reported to the board of directors in security holdings matter on the agenda.

4. Important inside information and confidential documents saved as hard copies or soft files are protected and access is limited to top executives only when necessary. If any inside information needs to be disclosed to corporate employees, the employees will be informed properly about the limitation of the use of that information. An employee who discloses corporate confidential information will be penalized.

5. To monitor irregularity in corporate operating results, random examination is done to security trade, the company's information system and outside information sources.

# 8.4) Personnel

Information concerning the company's personnel as of October 31, 2013 is as follows:

	Consoli	dated	Parent co	ompany
	2013	2012	2013	2012
Average Number of Employees (Persons)				
During Production Season	6,133	4,982	1,960	1,419
During Normal Period	4,121	3,360	1,564	1,202
Expenses related to employees (Million THB)	1,352.06	1,180.39	365.51	318.38

As of 31 October 2013, the company had no significant labor disputes that may have a potential negative impact on its operations.

### Personnel Development Policy

The company has always valued its human resources. Policies on continuous training and human resource management have been established. The aims are to help employees reach their potential, ensure effectiveness at work, and allow them to grow in their fields. All employees are required to receive training that is in line with the company's direction and strategies. Training is well planed and always financially supported by the company which are held in the company and outside by other institutions. Also, the Company encourages the communication to transfer and share knowledge between employees in the organization (Knowledge Management).

In addition, the company has focused on developing better quality of life of employees. Also, the company has focused more on developing employees' knowledge and understanding about health and environmental safety in the workplace.

# 9. Corporate Governance

# 9.1) Policy of Corporate Governance

The Company set the policy of Corporate Governance includes Rights of shareholders, Equitable treatment of shareholders, Role of stakeholders, Disclosure and transparency, and Role and Responsibilities of the Board of Directors which include organization structure, qualification and structure of the Board of Directors and other committees such as the Board of Executive Directors, Audit Committee, Nomination and Remuneration Committee, Risk Management Committee, and Corporate Governance Committee. Also, this policy covers the board meetings, board self-assessment, and remuneration for directors and executives.

# 9.2) Organization Structure



# 9.2.1 Board of Directors

As of Octo	ober 31, 2013, the Co	mpany's Board of Directo	ors comprises	s of:	
22)N	Ir. Manu	Leopairote	Chairman	and	Independent
Director					
23)N	Ir. Chamroon	Chinthammit	Director		
24) N	1r. Prapas	Chutimavoraphand	Director		
25)N	1r. Pornsin	Thaemsirichai	Director		
26)N	1r. Sukhum	Tokaranyaset	Director		
27) N	1r. Thawatchai	Rojanachotikul	Director		
28)N	Irs. Intira	Sukhanindr	Director		
29)N	1s. Duangdao	Chinthammit	Director		
30)N	1r. Somchai	Chinthammit	Director		
31)N	1s. Duangkae	Chinthammit	Director		
32)N	1r. Chalush	Chinthammit	Director		
33)N	1r. Chatri	Chinthammit	Director		
34) 1	Mr. Somchat	Chinthammit	Director		
35)N	1r. Tachpong	Pakornsiriwongs	Director		
36)N	1r. Pramoon	Vichiensin	Independer	nt Direo	tor
37)P	ol. Gen. Boonpen	Bumpenboon	Independer	nt Direo	tor
38)N	1r. Sitti	Leelakasamelurk	Independer	nt Direo	tor
39)N	1r. Karun	Kittisataporn	Independer	nt Direo	tor
40) N	1r. Worapatr	Todhanakasem	Independer	nt Direc	tor
41)N	1s. Nongluck	Phinainitisart	Independer	nt Direo	tor
42)N	1r. Trakarn	Chunharojrit	Director/ Co	ompan	y Secretary

The company has 21 directors, of which 9 are non-executive directors and 7 are independent directors. The Board of Directors is in charge of managing and governing the company's operations according to law, rules and regulations of the Stock Exchange of Thailand, the Securities and Exchange Commission, Capital Market Supervisory Board, and the company's objectives and requirements. The Board performs their duties with integrity and diligence.

The Board of Directors is appointed by the company's shareholders. The Board has established the Corporate Secretary Office to recommend and assist the Board to conduct their duties in compliance with relevant rules, regulations and corporate governance. The office also coordinates and ensures that corporate shareholders receive appropriate treatment.

# Scope of Duties and Responsibilities

- 1. Manage corporate operations for shareholders' optimum benefits. Fulfill duties with due diligence and integrity. Comply with the law, objectives, requirements and resolutions of the shareholders' meeting. Disclose to shareholders information Thai is correct, complete and transparent.
- 2. Appoint or replace executive directors.

- 3. Determine policies, strategies, and directions of the Company. Ensure the Management's compliance with the policies, strategies, and directions determined with effectiveness and efficiency in order to maximize shareholders' wealth and sustainable growth.
- 4. Consider and make decisions concerning significant matters, for instance, business plans, budgets, major investment projects, administrative power, and any other articles required by related laws.
- 5. Evaluate the Management's performance and determine the Management's remunerations.
- 6. Be responsible for operation results and the work of the Management.
- 7. Establish an accounting system, financial reports, and reliable audits. Ensure that there are procedures for internal control evaluation, effective and efficient internal audits, risk management, financial reports, and follow-ups.
- 8. Prevent any conflicts of interest between interested persons and the Company.
- 9. Ensure that the business is operated with integrity.
- 10. Issue requirements and regulations considering the Company's internal activities.
- 11. Present a full statement on responsibilities of the Company's Board of Directors in preparing the annual report together with the audited financial statements and other significant matters in line with the SET Code of Best Practice for Directors of Listed Companies.
- 12. May appoint any other individual or other committees to function in the Company's operation under the Board's supervision or a power of attorney within a period approved by the Board. The authorization can be terminated, canceled, changed, or amended.
- 13. Supervise the Company's day-to-day operations.

In 2013, the committee had 6 meetings.

# 9.2.2 The Board of Executive Directors

As of October 31, 2013, the Company's Board of Executive Directors consists of:

1)	Mr. Chamroon	Chinthammit	Chairman
2)	Mr. Prapas	Chutimavoraphand	Executive Director
3)	Mr. Pornsin	Thaemsirichai	Executive Director
4)	Mr. Sukhum	Tokaranyaset	Executive Director
5)	Mr. Thawatchai	Rojanachotikul	Executive Director
6)	Ms. Duangdao	Chinthammit	Executive Director
7)	Mr. Somchai	Chinthammit	Executive Director
8)	Ms. Duangkae	Chinthammit	Executive Director
9)	Mr. Chalush	Chinthammit	Executive Director
10)	) Mr. Trakarn	Chunharojrit	Executive Director
11)	Mrs. Intira	Sukhanindr	Executive Director
12)	Mr. Tachpong	Pakornsiriwongse	Executive Director
			Unofficial Tra

The Chairman of the Board of Executive Directors appoints the secretary of the Company's Board of Executive Directors.

# Scope of the Board of Executive Directors' Duties and Responsibilities

- Determine policies, directions, strategies, and main management structures for the Company's operations that suit and support the economy and competition, as defined and announced to corporate shareholders. Submit the proposed policies, directions, strategies, and structures to the Board of Directors for approval.
- 2. Determine business plans, budgets and administrative power of the Company to be submitted to the Board of Directors for approval.
- 3. Establish organizational structures and manpower policy including overviews of recruitment, training, employment, succession planning, performance evaluation, and remuneration criteria for all corporate employees.
- 4. Examine and monitor policies and management plans to ensure their effectiveness and suitability for the Company's operations.
- 5. Monitor the Company's performance to ensure compliance with the approved business plans.
- 6. Consider large investment projects of the Company in accordance with the provided guidelines for project approval.
- 7. Conduct financial transactions with financial institutions involving account opening, borrowing, pawning, mortgages, guarantees, and other activities including property trading and land ownership registration according to specified objectives and amounts of money in order to facilitate the Company's operations.
- 8. Monitor the development of managing systems and risk management of each division.
- 9. Carry out tasks assigned by the Board of Directors.

Any power mentioned above given to the Board of Directors shall be under the law and the Company's regulations. Any activities that benefit/may benefit or affect interests of any executive director or individual, or that may lead to conflicts of interest (according to the SEC Notification), are required to be presented by the Board of Executive Directors to the Board of Directors for consideration. The particular executive director and the interested individual shall not be allowed to vote in the meeting concerning the matter.

In 2013, the committee had 12 meetings.

### 9.2.3 Audit Committee

As of October 31, 2013, the Audit Committee comprises of:

1)	Mr. Sitti	Leelakasamelurk	Chairman
2)	Mr. Worapatr	Todhanakasem	Director
3)	Mr. Karun	Kittisataporn	Director
4)	Ms. Nongluck	Phinainitisart	Director

The Chairman of the Audit Committee shall appoint the secretary of the audit committee.

## Scope of Duties and Responsibilities:

- 1. To review and ensure that the disclosure of information in financial statements are accurate and adequate
- 2. To review the Company's internal control system and internal audit system ensuring their appropriateness and effectiveness
- 3. To review and ensure that the Company's operations are in compliance with securities and stock exchange laws, the SET regulations, or other laws applicable to corporate businesses
- 4. To consider, select and nominate the external auditor; and propose the external auditor's remuneration
- 5. To review the Company's disclosure in case of related party transactions or transactions that may lead to any conflict of interest and ensure that the disclosed information is correct and complete
- 6. To perform any duties as assigned by the Board of Directors and agreed upon by the Audit Committee, such as reviewing financial management and risk management policies, reviewing Management's compliance with business ethics, and reviewing with Management important reports to be presented to the public as prescribed by the law, i.e. Management's reports and analyses, etc.
- 7. To prepare reports of the Audit Committee for disclosing in the Company's annual report in which shall be signed by the Chairman of the Audit Committee and consist of at least the following information :

7.1 Opinions on accuracy, completeness and reliability of the Company's Financial Statements

7.2 Opinions on adequacy of the Company's internal control system

7.3 Comments the Company's on compliance with laws on securities and the Stock Exchange of Thailand, the Set requirements, or laws applicable to the Company's businesses

7.4 Comments on suitability of the auditor

7.5 Comments on transactions that may lead to conflicts of interest

7.6 Numbers of the Audit Committee meetings and attendances of each of the Audit Committee members

7.7 Comments or overview observation which the Audit Committee has obtained from performing in compliance with the Charter

7.8 Any reports considered appropriate for notifying corporate shareholders and general investors under the scope, duties and responsibilities as assigned by the Board of Directors

8. To report routine activities in order that the Board of Directors shall acknowledge the Audit Committee's activities as follows:

8.1 The Audit Committee's minutes of meetings clearly specifying the Committee's comments on different matters

8.2 The report on the Committee's opinions on corporate financial statements, internal audit and internal audit procedure

8.3 Any report considered appropriate for acknowledgement of the Board of Directors

- 9. In performing its duties, should the Audit Committee find any doubtful transactions or conducts as shown below which may cause a significant impact to the Company's financial status and operating results, it should report to the Board of Directors for improvement and correction within time frames it deems appropriate:
  - 9.1 Conflict of interest transactions
  - 9.2 Any suspicion or presumption of corruption, abnormality, or fault which are significant in the internal audit system
  - 9.3 Any suspicion that there might be non-compliance with securities and stock exchange laws, the SET regulations, or laws applicable to the Company's businesses. Should the Audit Committee report to the Board of Directors matters that significantly affect the Company's financial status and operating results, and discussion between the Committee and the Board of Directors on improvement and correction occurs, after the agreed due date, the Audit Committee finds that the matters have not been acted upon without any good reasons, one of the Committee's members may further report the finding to the Securities and Exchange Commission and the Stock Exchange of Thailand.
- 10. In case that the auditor finds any doubtful acts committed by a director, manager or any person responsible for the Company's operations that might be non compliant with the law and reports to the Audit Committee the fact about such conducts for acknowledgement and prompt inspection, the Audit Committee shall then notify the outcome of preliminary inspection to the SEC, SET and the auditor within 30 days after being notified by the auditor report. Reporting of doubtful acts and the procedure to gain the facts on such acts shall be in line with the Capital Market Commission's regulations.
- 11. To have authority to invite directors, Management, department heads or employees to discuss or answer the Audit Committee's inquiries
- 12. To review the scope of authority and responsibilities, and appraise the Audit Committee's performance on a yearly basis

The Audit Committee is required to hold at least four meetings a year and serve a twoyear term.

The Audit Committee: Qualifications of the Audit Committee are in line with relevant SET requirements. All Audit Committee members are independent directors. Mr. Sitti Leelakasamelurk, Chairman of the Audit Committee, possesses sound knowledge, understanding, professional experience in accounting and finance. In 2013, the committee had 5 meetings, and reports on their work were regularly completed.

## 9.2.4) Nomination and Remuneration Committee

As of October 31, 2013, the Nomination and Remuneration Committee consists of:

1)	Mr. Pramoon	Vichiensin	Chairman
2)	Mr. Karun	Kittisathaporn	Director
3)	Mr. Somchat	Chinthammit	Director
4)	Ms. Duangdao	Chinthammit	Director

The Chairman of the Nomination and Remuneration committee shall appoint the secretary of the Nomination and Remuneration committee.

### Scope of Duties and Responsibilities:

- 1. Determine policies, regulations, and procedures for nomination of directors and executives including remunerations and other benefits in accordance with their responsibility, the operating results of the Company, the normal practices in the same industries and as indicated in the Board of Executive director's policy.
- 2. Select and nominate qualified personnel to the Board of Director for consideration and appointment of directors, directors in committees, executives including other committees.
- 3. Review and give recommendations to the Board of Director corresponding to the organization structure, size and members of the Board of Director.
- Develop guidelines for evaluating performance of directors and executives in order to determine appropriate annual remunerations corresponding to their duties, responsibilities, and risks.
- 5. Supervise to disclose reports of the work of the Nomination and Remuneration Committee in the corporate annual report, commencing in 2008.

The Nomination and Remuneration Committee is delegated a two-year term and required to be held at least two meetings in a year.

The Nomination and Remuneration Committee: The Company required that the Remuneration Committee and Nomination Committee be combined. The Chairperson and the majority of the committee members shall be independent directors. Directors serve in this committee have expertise in several fields, such as governance, law, and human resource management. In 2013, the Nomination and Remuneration Committee had 2 meetings, and reports on their work were regularly completed.

## 9.2.5) Risk Management Committee

As of October 31, 2013, the Risk Management Committee comprises of:

1)	Pol. Gen. Boonpen	Bumpenboon	Chairman
2)	Mr. Sitti	Leelakasamelurk	Director
3)	Mr. Worapatr	Todhanakasem	Director
4)	Mr. Chalush	Chinthammit	Director

As its position, the head of Risk Management Office is a secretary of the Risk Management Committee.

### Scope of Duties and Responsibilities:

- 1. Develop policies to be considered by the Board of Directors regarding the overall corporate risk management that covers the Company's major risks, such as market risk, liquidity risk, management risk, investment risk, and reputation risk.
- 2. Design strategies in line with risk management policies to monitor and evaluate the corporate risk amount, as well as maintain the appropriate risk level.
- 3. Review the adequacy of risk management policies and system, as well as effectiveness of the system and policies practiced.
- 4. Provide recommendations in line with policies and strategies determined by the Board of Directors and present those recommendations to the Board.

The Risk Management Committee is delegated a two-year term and required to be held at least two meetings in a year.

The Risk Management Committee: The Board requires most of the Risk Management Committee members and the Chairperson to be independent directors. Directors serve in this committee have expertise in several fields, such as accounting and finance, management, investment, and corporate businesses. In 2013, the Risk Management Committee had 5 meetings, and reports on their work were regularly completed.

### 9.2.6) Corporate Governance Committee

As of October 31, 2013, the Corporate Governance Committee comprises of:

- 1. Mr. Worapatr Todhanakasem Chairman
- 2. Pol. Gen. Boonpen Bumpenboon Director
- 3. Mr. Karun Kittisataporn Director
- 4. Ms. Nongluck Phinainitisart Director

FORM 56 - 1

## Scope of Duties and Responsibilities:

1. Propose corporate governance conduct to the Board

2. Advise corporate governance matter to the Board

3. Monitor the Board and management to comply with corporate governance policy

4. Review the corporate governance policy comparing with the international practice and recommend to the Board.

5. Assign the corporate governance policy to the working group

The Corporate Governance Committee is delegated a two-year term and required to be held at least two meetings in a year.

The Corporate Governance Committee: set up in June 2013 and all Corporate Governance members are independent directors. The Chairman has expertise in governance, management, and investment in 2013, the Corporate Governance Committee had 1 meeting.

## **Responsibilities of the Board of Directors**

1. The structure of the Board consisted of 21 directors. 7 out of 21 are independent directors of which one is the Chairman of the Board but not the Managing Director. The company's Board of Directors possesses skills and expertise in various fields, such as accounting, finance, law, governance, production technology, personnel, purchasing, marketing, real estate, internal audit, and information technology. Detailed profiles, qualifications, experiences, and ownership of directors are included in Form 56-1.

	o. Name-Family Name		Category of Director					
No.			Shareholder Representatives	Non-Executive Director	Independent Director	Executive Director		
1	Mr. Manoo	Leopairote		/	/			
2	Mr. Chamroon	Chinthammit	/			/		
3	Mr. Prapas	Chutimavoraphand	/			/		
4	Mr. Pornsin	Thaemsirichai	/			/		
5	Mr, Somchai	Chinthammit	/			/		
6	Mrs. Intira	Sukhanindr	/			/		
7	Mr. Trakarn	Chunharojrit	/			/		
8	Ms. Duangkae	Chinthammit	/			/		
9	Ms. Duangdao	Chinthammit	/			/		
10	Mr. Tachpong	Pakornsiriwongse	/			/		
11	Mr. Chatri	Chinthammit	/	/				

Category of Directors

	Name-Family Name		Category of Director					
No.			Shareholder Representatives	Non-Executive Director	Independent Director	Executive Director		
12	Mr. Chalush	Chinthammit	/			/		
13	Mr. Sukhum	Tokaranyaset	/			/		
14	Mr. Thawatchai	Rojanachotikul	/			/		
15	Mr. Somchart	Chinthammit	/	/				
16	Mr. Pramoon	Vichiensin		/	/			
17	Pol.Gen. Boonpen	Bumpenboon		/	/			
18	Mr. Sitti	Leelakasamelurk		/	/			
19	Mr. Karun	Kittisataporn		/	/			
20	Mr. Warapatr	Todhanakasem		/	/			
21	Ms. Nongluck	Phinainitisart		/	/			
	Total		14	9	7	12		

2. It is required that during the annual general meeting, one third (1/3) or close to one third of corporate directors resign. Each director's term is three years. In case that the Board serves until the end of its term and the new Board has not yet been appointed, the former Board still continues to work until the new Board has been appointed. The company has not determined how many terms the Board can consecutively serve. The Nomination and Remuneration Committee is considering this matter in relation to feasibility of selecting personnel with experience specific to the company's business to serve in the Board.

3. The Board of Directors has established the following committees: the Audit Committee, the Nomination and Remuneration Committee, the Risk Management Committee, and the Corporate Governance Committee, as well as defined their functions and responsibilities. For transparency and independence in the work, the majority of the committee members are independent directors, and chairs of the committees are independent directors. To maintain true independence of the corporate committees, the Chair of the Board is not the chair or a member of those committees. The committee has not yet been appointed, the former committee still continues to work until a new committee has been appointed. At the end of their term, if a director is not re-elected, their position in their current committee shall end automatically. If there is a new director in a committee, that director shall remain in the position as long as the committee's term.

4. The board requires that a director must not operate or have any position in any ordinary partnership, or be a general partner in limited partnership, or be a director in any other limited company or public company limited that operates businesses of the same nature and that is the company's direct and indirect competition, unless the information about their positions is disclosed in the annual general meeting before the appointment. The requirement is applied to corporate executives as well.

5. The company's vision, missions, strategies, goals, business plans, budgets, internal control, internal audit, and risk management have been governed with effectiveness and efficiency. The current corporate vision has been reshaped from being a sugar manufacturer to a producer of alternative energy which is environmentally friendly. The new vision is based on the idea that sugar is an energy source for human beings. Ethanol fuels automobiles. Fertilizer nourishes plants. Electricity energizes appliances. Corporate investments are in line with such vision.

6. The board has established corporate governance policy as follows: "The company is committed to corporate governance to build trust among shareholders, employees, and customers, as well as to create sustainable competitive advantage. It emphasizes internal control, internal audit, and risk management, as well as ensures that managements implement policies effectively in compliance with legislation and business ethics." The policy has been communicated throughout the Company. The company ensures that its personal understands and complies with the corporate governance. The work and corporate policies are always evaluated and reviewed annually.

7. The board has set a written ethics and codes of business conduct for the company's directors and employees, which cover key matters, such as honesty, integrity, conflicts of interest, and compliance with laws. Compliance to the codes is monitored, and penalties are defined. Each year the Company's human resources department evaluates, reviews, and revises the codes of conduct.

8. Conflicts of Interest Prevention, The board of directors thoroughly considers and deals with transactions with (potential) conflicts of interest. The audit committee considers related-party transactions according to the SET legislation and procedure. Stakeholders in transactions are not allowed to decide on those particular transactions, which are fully and accurately disclosed in annual reports and from 56-1.

9. Efficient Administrations and Internal Control, the company's internal control unit has been formed to ensure effective operations, accurate and reliable information, compliance with legislation, efficient and effective use of corporate resources, and protection and corporate assets. The corporate internal audit provides analyses, audits, evaluations, advice, and recommendations to support corporate activities. The audit committee independently reviews

and audits adequacy and efficiency of the company's internal control and internal audit once a year. The opinions on the corporate internal control system are included in the annual report.

10. Risk Management, the risk management committee engages in establishing the total risk management. Adequacy and efficiency of the company's risk management system will be reviewed at least once a year. The early warning system will be in place for irregularity scanning.

11. The board of director sets at least 4 board meeting every 3 months, and 2 additional meetings: one is a meeting before one month of annual shareholders' meeting and the other one is a meeting for annual budget, each director of the board is notified in advance. For the flow of the company's operations, there are monthly executive meetings where the board entitles the meeting to make decisions. In every board meetings, the board of directors is informed about matters that have been approved by the Company's executive meeting to ensure that the board is able to supervise, control, and monitor the work of managements on a regular basis.

12. In board meetings, the chairman, managing director, and secretary consider agendas. This is to ensure that the agendas cover important matters. Each director may propose agendas independently.

13. The board's secretary sends meeting documents to each director in advance of the meeting date. The documents are concise. Confidential issues that cannot be disclosed in writing or prior to the meetings are brought to be discussed during the meetings.

14. In a board of directors meeting, the chairman of the board allocates adequate meeting time for managements' presentations and comprehensive directors' discussions. The chairman encourages careful consideration in the meeting. Directors pay attention to each issue presented in the meeting, including issues concerning governance of the company. Top executives from different departments attend the board meeting to present details on the issues that they are responsible for in order to facilitate the Board's decision-making. The Board also has a chance to know more about the top executives, as well as has access to important additional information through the top executives. Directors may request more information about issues in the meeting from the company's secretary.

15. Minutes of the board of directors' meetings include such important matters as dates, times, names of directors who are present and absent, summaries of proposals, summaries of discussions and remarks, resolutions, opinions from directors who disagree, names of people preparing minutes, and names of those approving minutes. The minutes are bound and easy to retrieve. They cannot be changed. Numbers of the board meetings and attendance are
disclosed. The board sets a meeting every 3 months in a year, and the executive committee has monthly meetings concerning the company's operating results. Information from the executive committee meetings is presented to the corporate board of directors.

In 2013, the board evaluated its works according to the applicable SET evaluation criteria. Also, there were evaluations of directors in groups and individually. The board considered the evaluation results and put forward recommendations for improvement.

## Number of Meeting Attended

No.	o. Name-Surname Position		Board of	Directors	Executiv	ve Baord	Audit Co	ommittee	Nomination & Remunaration Committee		Risk Management Committee			Corporate Governance Committee	
			Attend	Total	Attend	Total	Attend	Total	Attend	Total	Attend	Total	Attend	Total	
1	Mr. Manoo Leopairote	Chairman	5	5											
2	Mr. Chamroon Chinthammit	Executive Director	4	5	11	12									
3	Mr. Prapas Chutimavoraphand	Executive Director	5	5	12	12									
4	Mr. Pornsin Thaemsirichai	Executive Director	5	5	12	12									
5	Mr, Somchai Chinthammit	Executive Director	5	5	12	12									
6	Ms. Duangkae Chinthammit	Executive Director	5	5	12	12									
7	Ms. Duangdao Chinthammit	Executive Director / Nomination & Remuneration Committee	5	5	12	12									
8	Mr. Tachpong Pakornsiriwongse	Executive Director	5	5	12	12			2	2					
9	Mr. Trakarn Chunharojrit	Executive Director / Company Secretary	5	5	12	12									
10	Mr. Chatri Chinthammit	Director	5	5											
11	Mr. Chalush Chinthammit	Executive Director / Risk Management Committee	5	5	11	12					4	5			
12	Mr. Sukhum Tokaranyaset	Executive Director	5	5	11	12									
13	Mr. Thawatchai Rojanachotikul	Executive Director	5	5	11	12									
14	Mr. Somchart Chinthammit	Independent Director /Nomination & Remuneration	5	5					2	2					
15	Mr. Pramoon Vichiensin	Independent Director / Chairman of Nomination & Remuneration Committee	5	5					2	2					
16	Pol. Gen. Boonpen Bumpenboon	Independent Director /Chairman of Risk Management Committee /CG Committee	4	5							5	5	-	-	
17	Mr. Sitti Leelakasamelurk	Independent Director / Chairman of Audit Committee / Risk Management Committee	5	5			5	5			5	5			
18	Mr. Karun Kittisataporn	Independent Director /Audit Committee/ Nomination & Remuneration Committee / CG	4	5			4	5	2	2			1	1	
19	Mr. Warapatr Todhanakasem	Independent Director /Audit Committee/Risk Management Committee/ Chairman of CG Committee	5	5			4	5			5	5	1	1	
20	Ms. Nongluck Phinainitisart	Independent Director / Audit Committee / CG Committee	5	5			4	5					1	1	
21	Mrs. Intira Sukhanindr	Executive Director	5	5	12	12									

### 9.3) Selection of Directors and Management

- 9.3.1 The nomination and remuneration committee has determined that an independent director: (1) must possess an amount of shares that does not exceed 0.5% of the total of voting shares; (2) must not involve in corporate management and must not be an employee or advisor including an audit advisor, a legal advisor, or any other type of advisor receiving salary, or a person with controlling power over the company, its subsidiaries and associates, or a person who may have conflicts of interest or may hold a stake in that manner not less than 2 years; (3) must not have any business relationship, interest or stake both direct and indirectly; (4) must not be a close relative or have other type of relationship with management and major shareholders that might result in lack of independence. Such requirements, which are stricter than other general requirements, have been approved by the company's board.
- 9.3.2 In the past 2013, the independent directors have no any business relationship or any providing the professional service to the Company.
- 9.3.3 Board of director appointed 4 directors as a member of the Nominating and Remuneration Committee. 3 out of 4 members are company's independent directors. This committee has planned to determine policies, regulations, and procedures for nomination of directors in order to select and nominate qualified personnel to the Board of Director and shareholder for consideration in annual general shareholders' meeting. However, the criteria for consideration must be not less than the qualifications specified in Section 68 of the SEC ACT B.E. 2535 (including the revised version) and related announcements of the SEC. The election of directors is organized in line with the following Company's regulations:
- 1. The corporate Board of Directors consists of at least four directors, which not less than half of the number of directors must reside in the Kingdom. The directors must be qualified individuals who do not possess characteristics as prohibited by the laws.
- 2. The election of directors by the shareholder meeting is in line with the majority of votes, and the following regulations and procedure:
  - (a) One vote per share is allowed for a shareholder.
  - (b) Shareholders vote for each individual nominated as a director. The number of vote(s) received by each nominee does not exceed the number of share(s) held by the particular voter, as specified in (a). The shareholder cannot allot any of their share(s) to any other individual. Directors are those individuals receiving the highest votes. Should the individuals receive the same number of votes where only one place for a director remaining, the chairperson shall be granted the final vote.
- 3. In an annual general meeting, one third of the directors are required to resign. If the total number of directors does not allow such division, the number of directors to resign should be at the closest to one third of the total.

## 9.4) Governance for subsidiaries and associates performance

- 9.4.1 In order to comply with governance and protect the Company's investment, the Board appoints the director as agent to be the director in subsidiaries and associates as to the shareholding portion which pass the Board meeting resolution.
- 9.4.2 The directors who act as agent of the Company shall participate in decision of policy such as investment.

### 9.5) Use of inside information

According to Corporate Governance policy, the Company prohibits its directors, the executives, and employees from using inside information concerning important matters including trading of securities before publication for others or personal gains. Directors, executives, and employees have the right to trade corporate a security within one month before the corporate financial statements is publicized.

### 9.6) Auditor fee

In 2013, the Auditor fee of the Company and subsidiaries shall be the amount of THB 6,990,000.- and other fees shall be the amount of 200,000 baht

### 9.7) Corporate Governance

The Board of Directors considers the importance of corporate governance and understands its functions, duties, and responsibilities to the Company, shareholders and stakeholders, as well as observes the Stock Exchange of Thailand's Code of Best Practice for the Director's of Listed Companies as follows:

#### **Rights of Shareholders and Equitable Treatments of Shareholders**

1. The Company always respects rights of its shareholders: basic shareholder rights as prescribed the law, ownership right through appointment of the Board of Directors, and other rights as appropriate. The Company takes care of its shareholders more than legal requirements, such as provision of information, news, updates through the corporate website. Important news for shareholders is notified by letters. Shareholders are welcome to visit the Company by request.

2. The Company provides shareholders, prior to a meeting, with information on the date, time, venue, and all agenda items concerning issues to be decided. A notice of a meeting and support documents are sent to corporate shareholders at least 7 days in advance. The notice for the 2011 shareholders meeting was posted on the Company's website so that shareholders could study all the information prior to receiving the notice in documentation.

3. The Company's website where corporate shareholders and those interested may download corporate financial information, corporate profiles, and meeting information is <u>www.kslsugar.com</u>. Inquiries and requests for further information may be e-mailed to ir@kslgroup.com.

4. The Company facilitates and encourages its shareholders to exercise their rights and votes. There are two closing times of the transfer book. The transfer book is closed for shareholders' right to attend a shareholders' meeting, allowing the shareholders to consider and approve the annual dividend payment. The book is closed again for shareholders' right to receive dividends, allowing the shareholders to choose whether they will hold the stocks for the dividends or not. Shareholders meetings are organized at convenient venues. The Company has chosen to hold annual general meetings at hotel in the middle of Bangkok, near the Company's head office. The meetings are notified in newspapers. Shareholders can register about one hour prior to each meeting. Should a shareholder not be able to physically present at a meeting, they may appoint their proxy or an independent director as their proxy to attend and vote in the meeting.

5. The Company held the Annual General Meeting 1/2012 on February 28, 2012, where all 21 directors were present. Corporate shareholders were given opportunities to directly inquire the corporate directors and committees. The Company does not deprive its shareholders of access to corporate information. All important information, for instance, is included in distributed notices without any last-minute addition of agendas or changes in important matters. Shareholders who arrive late are always allowed to attend meetings.

6. The Company allows its shareholders to propose matters to be included in a meeting's agenda, prior to the meeting, with requirements and procedures. For instance, there shall be at least 5% of total shares. A meeting agenda is presented in detail. Criteria for approving or rejecting proposed matters as part of meetings' agendas are stated clearly. There are channels and periods of time for accepting shareholders' proposals. After proposals are accepted, the Board of Directors' meeting resolutions and reasons in detail regarding the proposals through the Company's website and corporate shareholders did not propose any additional matters to be included in the shareholders' meeting agendas. Moreover, the Company encourages its shareholders to electronically submit the Board their inquiries related to shareholders' meeting agendas via its website prior to shareholders' meeting dates.

7. The Company has facilitated nomination of candidates for corporate directors by shareholders. Guidelines for the procedure and criteria have been provided. For instance, registered mail can be used for shareholders' submission of their nominations to the Company's Secretarial Division. Periods of time for accepting shareholders' director nominations are defined. Forms for nominees' profiles are provided. The procedure for nominees' declaration of their consent is explained. Detailed information regarding the nomination is posted on the

Company's website. After nominations are accepted, the board of directors' meeting will consider the nominations. However, up to the present there has been no nomination from corporate shareholders.

8. The Company provides information on a shareholders' meeting for its shareholders on the corporate website. Hard copies of the same information are also sent to corporate shareholders. Shareholders' meeting notices and support documents are sent to shareholders at least 14 days in advance.

9. In the annual shareholders meeting notice, the Company informed its shareholders about rules and procedure of attending the shareholders' meeting. It nominated corporate independent directors: Mr. Sitti Leelakasamelurk and Mr. Pramoon Vichiensin as the shareholders' proxies. Shareholders were provided with standard proxy forms for indicating their opinions in voting.

10. Agenda of the 2011 annual shareholders' meeting notice covered appointments of directors, consideration of directors' remuneration, appointment of an independent auditor and determination of their remuneration, dividend payment, and other important matters, such as the issuance and offering of the Company's warrants, and allocation of new ordinary shares. Necessary information for shareholders' decision was presented.

11. In the 2012 AGM, the Chair informed corporate shareholders about procedures relevant to the meeting including voting procedure. The shareholders were given opportunities to express their opinions and ask questions. There were inquiries about the Company's financial statements and operating results. In director appointment, the shareholders voted on each nominated director. Voting cards were used in case of disagreement over the meeting agenda. The meeting was recorded on video.

12. In minutes of the 2012 Annual General Shareholders' Meeting, names of all the directors physically present/absent were shown. All corporate directors were present. Summaries of clarifications, questions, answers, opinions, the voting procedure, and the vote count procedure were provided. Regarding disagreement, the meeting resolution was presented along with the total of votes in favor/ against and no vote. The minutes were posted on the corporate website within 14 days after the AGM.

13. Regarding the use and protection of inside information, the Company has established measures to prevent the use of inside information by directors, management, and employees for abusive self-dealing.

14. The Company requires that a director shall not operate or have any position in any ordinary partnership, or be a general partner in limited partnership, or be a director in any other limited company or public company limited that operates businesses of the same nature and that is the Company's direct and indirect competition, unless the information about their position(s) is disclosed to the shareholders' meeting before the appointment. Directors shall inform the Company immediately about their direct and indirect conflicts of interest arising in any corporate contracts done between fiscal years, or due to change in their acquisition of shares or debentures of the Company or its subsidiaries between fiscal years. The Company encourages its directors, Management and those related to the Board to disclose information about their interests as part of the Board's meeting agendas. Directors who have interests in any issues being considered are not allowed to vote on those particular issues.

### Role of Stakeholders

Besides protecting the benefits and rights of its shareholders, the Company realizes the significance of other stakeholders contributing to its financial stability and sustainability. These stakeholders include, for instance, customers, employees, trading partners, creditors, and the surrounding community. The Company has always ensured integrity and fair treatment for each stakeholder through its established business ethics, such as:

Rights of shareholders: They are defined in "Rights of Shareholders and Equitable Treatments of Shareholders" section.

Rights of employees: The Company respects its employees' legal rights according to the Labor Protection Act and related laws. It ensures fair and equal treatment for all employees regardless of their ranks, nationalities, religious beliefs, and gender. Employees are entitled to benefits according to their positions without discrimination. For transparency and fairness in employees' promotions and pay raises, the Company has established a committee comprising of Management of different departments. To support its growth, the Company encourages its employees' knowledge and skill development through in-house and outside training. Provident fund has been set for corporate employees' security. The Company upholds Thai Labor Standard 8001-2546 on human rights and social responsibility. It was given full and highest accreditation by the Department of Labor Protection and Welfare, Ministry of Labor, with the Thai Labor Standard (TLS: 8001-2546).

Rights of customers: Apart from customers' rights specified in contracts, the Company cares about their satisfaction. Follow-up and customer satisfaction evaluating systems have been established. Follow-ups and satisfaction evaluations are done periodically in line with ISO 9001: 2008 GMP, HACCP and HALAL. The aim is to promote long-term relationships between the Company and customers.

Rights of trading partners: Most of the Company's relationships with its trading partners are in the form of joint ventures. The Company always respects its trading partners' legal rights and rights as specified in joint venture agreements. It adheres to integrity, equality, and rights of benefits corresponding to their investments.

Rights of creditors: The creditors' rights specified in trade agreements are respected. The Company has earned trust among its creditors from ethical operations. Information and updates concerning the Company and its financial status are provided for the Company's creditors.

Rights of the community and environment: The Company has always been responsible to the society and environment. It strictly complies with applicable laws, such as environmental and factory laws. The Company collaborates with the government sector and agencies, helps developing public infrastructure, provides financial supports, and promotes social activities that bring understanding and sustainable development to the community. For instance, support and develop sustainable village demonstration in Kanchanaburi province; educational support to technique school in Savannaket, Lao PDR; donation to water supply village fund in Nampong, Khon Kaen province; support young plant and seedling to schools and villages in Nampong, Khon Kaen province; Public relations projects by sending medical team to check-up for villagers who live nearby the factory, Donate for the community in Khon Kaen and Loei province; moreover factory in Khon Kaen province received the Certificate of Green Industry by Industry Office in Loei (Ministry of Industry)

For projects that may have a potential impact on the community and environment, the company conducts public hearings and tries to minimize those effects. Specific procedures have been set for environmental and social factor studies, minimizing environmental and social impact, along with feasibility studies. For instance, sugar mill and power plant project in Loei province in which the company had conducted public hearings and analyses of impacts on the community and environment.

The company always realizes the importance of all groups of stakeholders as mentioned. It also values all suggestions, opinions, and comments that enable development, improvement and correction of the corporate operations. All stakeholders can contact the company to report improper incidents, complain, request for clarifications or correction, or make any suggestions via email: <u>ir@kslgroup.com</u> or faxing the internal audit office at 02-642-6092. In the previous year, there was no wrongdoing reported to the company.

## Disclosure of Information and Transparency

The company ensures that corporate information is provided correctly, accurately, on time, and transparently through channels that are trustworthy and equally easy to access for the public. The followings are corporate practices:

1. Annual statements (Form 56-1) and annual reports are disclosed through the SET channels and corporate website, www.kslsugar.com. There are also updates related to the company and the industry posted on the website to facilitate decision-making of those involved.

2. In the previous year, the company's disclosure of information and transparency were approved by the Securities and Exchange Commission and the Stock Exchange of Thailand, as its practice was in accordance with disclosure requirements. Effectiveness of the corporate information disclosure procedure was evaluated by outsiders.

3. In the 2009 annual report, the company disclosed additional information including duties of the Board of Directors and committees, the director and executive remuneration policy, summarized corporate governance policy, environmental and social policies, the company's compliance with established policies, summarized business ethics, and directors' training background were disclosed.

4. A statement of the Board of Directors' responsibilities for the company's financial statements is provided along with the auditor's report in the corporate annual report. The contents include the certification that the company's financial statements are fairly presented in accordance with generally accepted accounting principles and regulations, and that the financial statements are accurate, complete, and true according to accounting standards. The statement is signed by the Board Chairman and Managing Director.

5. Contents of the Company's website consist of organizational information, shareholding structure, the Board structure, vision/missions, businesses and products, corporate governance policies and compliance results, business ethics, information for investors, environmental and social policies, annual reports, financial statements, news and updates in both Thai and English.

6. The company is well aware of the importance of disclosing information to investors with accuracy, transparency, and accessibility. A team set up to coordinate communications between the company, investors, and shareholders can be reached by email at ir@kslgroup.com or the following contacts:

1.	Mr. Meechai Piyavisadpat	Telephone: 02-642-6230, ext. 279
		Email: meechai@kslgroup.com
2.	Mr. Chanachai Chutimavoraphand	Telephone: 02-642-6230, ext. 294
		Email: <a href="mailto:com">com</a> Email: <a href="mailto:com">com</a> Com
3.	Mr. Chalush Chinthammit	Telephone: 02-642-6230, ext. 291
		Email: <a href="mailto:com">com</a>

To promote understanding about the company's businesses and distribution of the information to interested investors, the company has produced an annual investor relations plan; quarterly analyst meetings are held at corporate conference room. Meetings are organized for reporting the company's operating results at the Stock Exchange of Thailand in order to provide opportunities for small investors to access corporate information and ask questions about the operating results and progress of corporate projects.

For foreign investors, the company collaborated with securities companies and financial analysts to prepare for various road shows presenting its operating results and project progress. In the previous year, the company attended conferences presenting corporate operating results and progress in Europe and Asia in conjunction with the Stock Exchange of Thailand. Visits to the

company have been arranged for domestic and foreign investors. Appointments can be made in advance with the company's investor relations team.

# 10. Corporate Social Responsibilities

Khon Kaen Sugar Industry Public Company Limited is strongly committed to operating its businesses responsibly. The company's corporate social responsibility (CSR) programs are created to continuously support the local communities and the environment that surrounds them. The company believes in respecting human rights and the protecting the interests of its stakeholders including the society and the country at large, through ethical practice and transparent operations.

The company is determined to advance its sugar and related businesses ethically and responsibly. Its commitment towards stakeholders, communities, society, and environments are detailed as follow:

## 1. Corporate Governance

The company aims to become part of a leading organization in Thailand. To this effect, it looks to promote sustainable growth, to build good reputation and credibility amongst its investors and other stakeholders, to adopt ethical business practices and to strictly follow good corporate governance guidelines.

## 2. Respect for Human Rights

The company supports the principle of human rights. To this effect, it will conduct activities that support human rights and the right to freedom. The company believes in the principle of equality and will not tolerate discrimination of race, age, and gender. It is also against the use of child labor and any form of corruption.

## 3. Fair Employee Treatment

The company will give fair compensation to its employees at the level that is appropriate to the industrial environment of Thailand and any changes in the organizational structure will be done responsibility and in accordance with the law of Thailand. The company created an Employee Benefit Committee so that its employees can participate in the management of the benefits that they will received. The objectives are to provide further benefits to employees so that they can work happily and more efficiently. The company also created a provident fund that would help employees save and invest money towards their retirement. In 2013, the company received TLS 8001-2546 certificate, the highest recognition for businesses that operate with social responsibility from Department of Labor Protection and Welfare of Thailand. Additionally, the company created Health and Safety Committee is responsible for regularly testing safety alarms, placing fire extinguishers at appropriate locations, organizing fire drills and related training.

## 4. Care for the Environment

The company has in place an environmental policy that strictly follows the government law and regulation as well as other environmental standards such that it may be able to reduce and/or eliminate waste systematically. It also has put in place measures to ensure the efficiency of its waste management and collect data to compare and improve its waste reduction performance. For example, at its sugar mills, the company use the wet scrubber technology to catch dust from heating the steamer; at ethanol plant, the waste water from production is used to mixed with filter cake (by product of making sugar) to make bio-fertilizer that is environmentally friendly and good for local cane farmers. Prior to the start of any new project that may negatively affect the environment and local communities, the company will first conduct an environmental impact assessment (EIA) first so that it may analyze the positive and negative results from the project and set policies to prevent and reduce its environmental impact.

### 5. Adopt Good Business Ethics

The company intends to conduct its operations ethically, in compliance with the law and societal practice, and remain politically neutral.

### 6. Customer and Supplier Care

The company place great importance in producing high quality sugar that is safe for human consumption. It also aims to continuously provide good service to its customers and suppliers and hope that in return, the company will receive the same high quality and service from them and therefore able to build a longstanding relationships.

## 7. Community participation and development

The company considers the needs of the community and the importance of people as vehicle of building strong and ethical communities. It supports activities that help educate people, build strong culture and society, and improve quality of everyone's life. The company encourages its employees to participate and volunteer in all activities that will positively serve society.

Additionally, the company's management strongly supports his majesty King Rama 9<sup>th</sup> "Sufficiency Economy" philosophy. The company established AgriNature Center on its KSL Riverkwai estate located in Kanchanaburi province. This center becomes a member to the AgriNature Foundation that is founded to help people put his majesty's philosophy into practice. The company systematically promotes this philosophy to its employees and to interested individuals from the communities surrounding its factories through hands-on training at the AgriNature Center so that they may adopt his majesty's sufficiency economy philosophy and used it in their daily life.

The company believes that its continuous efforts in its various different CSR programs can help improve the quality of life of its stakeholders and help the company and the society at large to build a sustainable future together.

# **11. Internal Control and Risk Management**

#### **Internal Control**

The company values strong internal control system that can adequately protects the interest of all its stakeholders. By applying a suitable internal control model, the company can achieve its corporate goals effectively and efficiently in terms of its operation, financing, risk management, and corporate governance.

At the Board of Directors meeting (6/2556) on December 24, 2013, the Board assessed the sufficiency of the company's internal control system based on the report from the audit committee presented in the previous Board of Directors meeting (5/2013) on December 20, 2013. The assessment criteria are based on the COSO 2013 guideline that was approved and required by the Security and Exchange Commission effective from August, 2013. The new COSO 2013 guideline covers five different aspects of internal control: control environment, risk assessment, control activities, information and communication, monitoring activities. The audit committee reviewed the company's internal control system and considered it to be sufficient; especially in monitoring activities of the directors and management, shareholders, and those that may be related to them as well as the activities of the companies within the group in order to ensure that the directors and the management do not use the company's assets without authorization or for personal gain.

Internal audit is an important part of internal control system. The audit committee appointed Mr. Siwarak Phinicharomna as the Director of the Internal Control Unit (see document attached for his credential). Mr. Phinicharomna advised the company to use an internal audit policy that is the standard developed by the Institute of Internal Auditors of Thailand. The policy's objective is to support the company in achieving its business targets effectively and efficiently while having a comprehensive internal and external reviews and complying with the rules and regulations of the law.

The audit committee has the right to appoint, remove, and/or reassign the Director of the Internal Control Unit when it considered appropriate. During the Audit Committee meeting (5/2013) on December 20, 2013, the committee has reviewed the qualification of the Director of the Internal Control Unit and concludes that he is suitable to lead the unit to effectively and efficiently complete their tasks.

#### **Risk Management**

The company's Risk Management Committee set the risk management policy and process for the management to execute. The management team is responsible for identifying risk factors and planning effective control systems. By considering the risk factors, the management can develop a better business model and control system that will enable it to manage risk at an acceptable level.

At the Audit Committee meeting (3/2013), the committee approved the risk management manual that is custom made for the company by the consultant with expertise in internal control as well as recommended the creation of a joint committee that will be responsible for the integration and coordination of the company's risk management efforts. Additionally, the company has received support from the Stock Exchange of Thailand in developing good corporate governance. The company's internal control system, internal audit, risk management, and corporate governance activities were reviewed from August to September 2013 by TRIS Corporation Limited and were found to be progressing at a highly satisfactory level.

# **12. Related party transactions**

Related party transactions for the year ended 31 October 2013 and 2012 disclosed in this section comprise of transactions between the enterprises and subsidiaries, associated, and individuals that may have the conflict of interest as follows:

## Related Party Relationship as at October 31, 2013

#### <u>Subsidiaries</u>

Company name	Relationship
Tamaka Sugar Industry Co., Ltd.	Tamaka Sugar Industry Co., Ltd. is controlled by the company which owns 90.21% of the subsidiary's shares. Individuals that relate to
Manufacture and distribution of sugar and molasses	directors of the company own 9.79% of the subsidiary's shares. Therefore, related transactions between the company and subsidiary are not required to disclose because the ownership proportion is less than 10%.
New Krung Thai Sugar Factory Co., Ltd. Manufacture and distribution of sugar and molasses	New Krung Thai Sugar Factory Co., Ltd. is controlled by the company which owns 95.78% of the subsidiary's shares. Individuals that relate to directors of the company own 4.22 % of the subsidiary's shares. Therefore, related transactions between the company and subsidiary are not required to disclose because the ownership proportion is less than 10%.
New Kwang Soon Lee Sugar Factory Co., Ltd. Manufacture and distribution of sugar and molasses	New Kwang Soon Lee Sugar Factory Co., Ltd. is controlled by the company which owns 98.61% of the subsidiary's shares. Individuals that relate to directors of the company own 1.39 % of the subsidiary's shares. Therefore, related transactions between the company and subsidiary are not required to disclose because the ownership proportion is less than 10%.
K.S.L. Real Estate Co., Ltd. Housing and land for agriculture estate including holiday resort for training, seminar center and Office building for rent	K.S.L. Real Estate Co., Ltd. is a subsidiary of and controlled by the company, Tamaka Sugar Industry Co., Ltd. which owns 40.77% and 55.70% of the subsidiary's shares, respectively. Individuals that relate to directors of the company own 0.91% of the subsidiary's shares. Therefore, related transactions between the company and subsidiary are not required to disclose because the ownership proportion is less than 10%.
Thai Sugar Terminal Public Company Limited Locating, silo warehouse and property rental	Thai Sugar Terminal Public Company Limited is a subsidiary of and controlled by the company which owns 23.82% of the subsidiary's shares. Major shareholders and directors of the company own 38.36% of the subsidiary's shares. The company also has common directors namely Mr. Prapas Chutimavoraphand, Mr. Somchai Chinthammit and Mr. Chalush Chinthammit.

Company name	Relationship						
K.S.L. Export Trading Co., Ltd.	K.S.L. Export Trading Co., Ltd. is a subsidiary of and controlled by the company, Tamaka Sugar Industry Co., Ltd., New Krung Thai Sugar						
Export sugar as exporting agent	Factory Co., Ltd. and New Kwang Soon Lee Sugar Factory Co., Ltd. which own 33.87%, 23.11%, 16.04% and 9.60% of the subsidiary's shares, respectively. The company also has common directors namely Mr. Chamroon Chinthammit, Mr. Thawatchai Rojanachotikul, Mr. Sukhum Tokaranyaset and Mr. Chalush Chinthammit.						
Savannakhet Sugar Corporation	Savannakhet Sugar Corporation is controlled by the company which owns 98.49% of the subsidiary's shares. None of major						
Agricultural Operation, Manufacture and	shareholders and directors of the company own the subsidiary's shares. Therefore, related transactions between the company and						
distribution of sugar and molasses	subsidiary are not required to disclose.						
Koh Kong Sugar Industry Co., Ltd.	Koh Kong Sugar Industry Co., Ltd. is controlled by the company which owns 80.00% of the subsidiary's shares. None of major						
Manufacture and distribution of sugar and molasses which are during investment process	shareholders and directors of the company own the shares. Therefore, related transactions between the company and subsidiary are not required to disclose.						
Koh Kong Plantation Co., Ltd. Agricultural Operation	The Company holds shares indirectly which owns 80.00% of the subsidiary's shares. None of major shareholders and directors of the company own the shares. Therefore, related transactions between the company and subsidiary are not required to disclose.						

#### **Associates**

Company name	Relationship
Champion Fermentation Co., Ltd.	Champion Fermentation Co., Ltd. is an associate of and controlled by the company which owns 32.50% of the associate's shares. Major
Holding company (the company has an ownership	shareholders and directors of the company own 18.00% of the subsidiary's shares. Other major shareholders are a group of Taiwanese
interest in Chantaburi Starch Co., Ltd. which	businessman. The company also has common directors namely Mr. Chamroon Chinthammit, Mr. Sukhum Tokaranyaset and
manufacture and distribute of cassava starch)	Mr. Thawatchai Rojanachotikul.

# **Related Companies**

Company name	Relationship
K.S.L. IT Center Co., Ltd.	K.S.L. IT Center Co., Ltd. is controlled by Chengteh Chinaware (Thailand) Co., Ltd., and Thai Fermentation Industry Co., Ltd., whose
Provide computerized and database services to	stakes individually equal to 50% of K.S.L. IT Center Co., Ltd.'s shares. The company also has common directors namely Mr. Chatri
parent company and related parties	Chinthammit.

Chengteh Chinaware (Thailand) Co., Ltd. Manufacture and distribution of ceramic products	Chengteh Chinaware (Thailand) Co., Ltd. is controlled by the same shareholder group of the company who owns 51.31% of Chengteh Chinaware (Thailand) Co., Ltd.'s shares. The company also has common directors namely Mr. Chamroon Chinthammit, Mr. Sukhum Tokaranyaset, Mr. Thawatchai Rojanachotikul, Mr. Trakarn Chunharojrit and Mr. Chalush Chinthammit.
Thai Fermentation Industry Co., Ltd. Manufacture and distribution of seasoning powder	Thai Fermentation Industry Co., Ltd. is controlled by the same shareholder group of the company who owns 47.10% of Thai Fermentation Industry Co., Ltd.'s shares. The company also has common directors namely Mr. Chamroon Chinthammit, Mr. Sukhum Tokaranyaset, Mr. Thawatchai Rojanachotikul, and Mr. Somchai Chinthammit.
On Nuj Construction Co., Ltd. Hotel and real estate agent	On Nuj Construction Co., Ltd. is controlled by the same shareholder group of the company who owns 78.50% of On Nuj Construction Co., Ltd.'s shares. The company also has common directors namely Mr. Chamroon Chinthammit, Mr. Chalush Chinthammit, Ms. Duangkae Chinthammit, Ms. Duangdao Chinthammit and Mr. Prapas Chutimavoraphand.
Company name	Relationship
K.K. Wood Industry Co., Ltd. Manufacture and distribution of processing products	K.K. Wood Industry Co., Ltd. is controlled by the same shareholder group of the company who owns 93.01% of K.K. Wood Industry Co., Ltd.'s shares. There is no common director.
Amarco Co., Ltd. Distribution of pesticide products	Amarco Co., Ltd. is controlled by the same shareholder group of the company who owns 100% of Amarco Co., Ltd.'s shares. There is no common director.
Sahamit Machinery Public Company Limited Distribution of spare parts, machinery, tools and equipments for industrial factory	Sahamit Machinery Public Company Limited has common director namely Mr. Pornsin Thaemsirichai and Mr. Karun Kittisataporn.

## **12.1** The following transactions were carried out with related parties:

## 12.1.1 Sales and purchases of goods and services including balance transaction (for the year ended 31 October 2013 and 2012)

viders Iblic Company td. , Ltd. Iblic Company	Type of Transaction / Conditions         - Sales of molasses         - Advance receivable for goods         - Sales of sugar         - Sales of sugar         - Sales of sugar         - Sales of sugar and molasses         - Sales of supply and parts         - Trade accounts receivable	(Thousa 31 Oct 13 28,690 1,396 29 246 - 127 27	nd Baht) 31 Oct 12 - - - - - - - - - - - - -	The Company and its subsidiaries sold molasses to Thai Fermentation Industry as raw material. The transactions arose in ordinary course of business which carried out at market price on normal terms. The Company sold other product
td.	<ul> <li>Sales of molasses</li> <li>Advance receivable for goods</li> <li>Sales of sugar</li> <li>Sales of sugar and molasses</li> <li>Sales of supply and parts</li> <li>Trade accounts receivable</li> </ul>	28,690 1,396 29 246 - 127	- - - 3,710 64	molasses to Thai Fermentation Industry as raw material. The transactions arose in ordinary course of business which carried out at market price on normal terms.
td.	<ul> <li>Advance receivable for goods</li> <li>Sales of sugar</li> <li>Sales of sugar and molasses</li> <li>Sales of supply and parts</li> <li>Trade accounts receivable</li> </ul>	1,396 29 246 - 127	64	molasses to Thai Fermentation Industry as raw material. The transactions arose in ordinary course of business which carried out at market price on normal terms.
, Ltd.	goods - Sales of sugar - Sales of sugar - Sales of sugar and molasses - Sales of supply and parts - Trade accounts receivable	29 246 - 127	64	Industry as raw material. The transactions arose in ordinary course of business which carried out at market price on normal terms.
, Ltd.	<ul> <li>Sales of sugar</li> <li>Sales of sugar</li> <li>Sales of sugar and molasses</li> <li>Sales of supply and parts</li> <li>Trade accounts receivable</li> </ul>	246 - 127	64	transactions arose in ordinary course of business which carried out at market price on normal terms.
, Ltd.	<ul> <li>Sales of sugar</li> <li>Sales of sugar and molasses</li> <li>Sales of supply and parts</li> <li>Trade accounts receivable</li> </ul>	246 - 127	64	of business which carried out at market price on normal terms.
	<ul> <li>Sales of sugar and molasses</li> <li>Sales of supply and parts</li> <li>Trade accounts receivable</li> </ul>	- 127	64	market price on normal terms.
	<ul> <li>Sales of supply and parts</li> <li>Trade accounts receivable</li> </ul>		64	
ıblic Company	- Trade accounts receivable			The Company sold other product
		27		
		27	26	consisted of supplies and spare parts
	Sale of sugar			to K.K. Wood Industry Co., Ltd. to put
	<ul> <li>Other accounts receivable</li> </ul>	14	11	into production process which carried
	Sale of supply and parts			out at cost plus administrative
	<ul> <li>Unearned revenue</li> </ul>	19	-	expense.
	<ul> <li>Retention for rental building</li> </ul>	90	-	
Co., Ltd.	<ul> <li>Sale of chemical and water</li> </ul>	237	80	The Company's group purchased
	<ul> <li>Other accounts payable</li> </ul>	12	43	chemical product as caustic soda and
	(Incidental expenses)			hydrochloric acid from Thai
	<ul> <li>Sale of chemical and water</li> </ul>	488	450	Fermentation Industry Co., Ltd. to
	<ul> <li>Other accounts payable</li> </ul>	2	-	clean their machineries. The product
	(Incidental expenses)			price of Thai Fermentation Industry
	<ul> <li>Sale of chemical and water</li> </ul>	58	426	Co., Ltd. was less than the others from
				price comparison because they were
	<ul> <li>Sale of chemical and water</li> </ul>	20	13	by
	<ul> <li>Trade accounts payable</li> </ul>	-	3	product from production process.
	<ul> <li>Other accounts payable</li> </ul>	8	-	
	(Incidental expenses)			
	)., Ltd.	Sale of supply and parts - Unearned revenue - Retention for rental building - Sale of chemical and water - Other accounts payable (Incidental expenses) - Sale of chemical and water - Other accounts payable (Incidental expenses) - Sale of chemical and water - Sale of chemical and water - Sale of chemical and water - Trade accounts payable - Other accounts payable	- Other accounts receivable 14 Sale of supply and parts - Unearned revenue 19 - Retention for rental building 90 o., Ltd Sale of chemical and water 237 - Other accounts payable 12 (Incidental expenses) - Sale of chemical and water 488 - Other accounts payable 2 (Incidental expenses) - Sale of chemical and water 58 - Sale of chemical and water 58 - Sale of chemical and water 20 - Trade accounts payable - - Other accounts payable 8	-Other accounts receivable1411Sale of supply and partsUnearned revenue19Retention for rental building90-o., LtdSale of chemical and water23780-Other accounts payable1243(Incidental expenses)Sale of chemical and water488450-Other accounts payable2-(Incidental expenses)Sale of chemical and water58426-Sale of chemical and water58426-Sale of chemical and water3Sale of chemical and water3Sale of chemical and water8-

			Am	ount	Necessity and reasonableness	
Customers	Sellers/ Service providers	Type of Transaction /	(Thousa	nd Baht)		
		Conditions	31 Oct 13	31 Oct 12		
Khon Kaen Sugar Industry Public Company	K.S.L. Export Trading Co., Ltd.	<ul> <li>Service fees of goods</li> </ul>	3,288	3,708	Sugar exporting has to be made by	
Limited		exporting			only company that authorized by Cane	
Tamaka Sugar Industry Co., Ltd.		<ul> <li>Service fees of goods</li> </ul>	2,464	1,063	and Sugar Board in the Royal Gazette	
		exporting			according to the sugarcane and sugar	
New Krung Thai Sugar Factory Co., Ltd.		<ul> <li>Service fees of goods</li> </ul>	4,261	3,481	act. The Company's group and	
		exporting			Prachaup Industry Co., Ltd. therefore	
New Kwang Soon Lee Sugar Factory Co., Ltd.		<ul> <li>Service fees of goods</li> </ul>	297	337	established K.S.L. Export Trading Co.,	
		exporting			Ltd. to only be export agent and	
Koh Kong Sugar Industry Co., Ltd.		<ul> <li>Service fees of goods</li> </ul>	830	502	documental support. K.S.L. Export	
		exporting			Trading Co., Ltd. will charge service	
Savannakhet Sugar Corporation		<ul> <li>Service fees of goods</li> </ul>	301	355	fees at cost plus administrative	
		exporting			expenses according to volume of	
Khon Kaen Alcohol Co., Ltd.		<ul> <li>Service fees of goods</li> </ul>	741	-	goods.	
		exporting				
Khon Kaen Sugar Industry Public Company	Thai Sugar Terminal Public Company	<ul> <li>Service fees for goods</li> </ul>	40,675	18,813	The Company needs to use wharf and	
Limited	Limited and its subsidiary company	custody and transfer			transfer services for group of sugar	
		<ul> <li>Other accounts payable</li> </ul>	1,840	-	factory. Thai Sugar Terminal Public	
		<ul> <li>Accrued expenses</li> </ul>	138	-	Company Limited priced service fees of	
Tamaka Sugar Industry Co., Ltd.		<ul> <li>Service fees for goods</li> </ul>	12,922	10,201	goods custody and goods exporting	
		custody and transfer			were charge according to volume of	
New Krung Thai Sugar Factory Co., Ltd.		<ul> <li>Service fees for goods</li> </ul>	31,976	24,311	goods and custody time, which are	
		custody and transfer			general rates in the market.	
New Kwang Soon Lee Sugar Factory Co., Ltd.		<ul> <li>Service fees for goods</li> </ul>	6,445	5,684		
		custody and transfer				
		<ul> <li>Accrued expenses</li> </ul>	61	-		
Khon Kaen Sugar Industry Public Company	K.S.L. IT Center Co., Ltd.	<ul> <li>Service fees of computerized</li> </ul>	5,226	5,300	K.S.L. IT Center Co., Ltd. was	
Limited		activities			established for serve computer service	
		<ul> <li>Prepaid expenses</li> </ul>	210	-	center within the group companies.	
		<ul> <li>Other accounts payable</li> </ul>	-	4	The said company priced service fees	
Tamaka Sugar Industry Co., Ltd.		- Service fees of computerized	1,692	2,198	calculated by investment cost and	
		activities			operating expense to allocate	
		<ul> <li>Prepaid expenses</li> </ul>	58	-	according to actual data usages of each	
New Krung Thai Sugar Factory Co., Ltd.		<ul> <li>Service fees of computerized</li> </ul>	3,731	3,015	company.	
		activities				
		<ul> <li>Prepaid expenses</li> </ul>	142	-		

Customers	Sellers/ Service providers	Type of Transaction /	Amount (Thousand Baht)		Necessity and reasonableness
		Conditions	31 Oct 13	31 Oct 12	
New Kwang Soon Lee Sugar Factory Co., Ltd.		- Service fees of computerized	1,372	1,201	
		activities			
		<ul> <li>Prepaid expenses</li> </ul>	54	-	
K.S.L. Real Estate Co., Ltd.		<ul> <li>Service fees of computerized</li> </ul>	57	17	
		activities			
K.S.L. Export Trading Co., Ltd.		<ul> <li>Service fees of computerized</li> </ul>	179	95	
		activities			
Savannakhet Sugar Corporation		- Service fees of computerized	444	490	
		activities			
		<ul> <li>Other account payables</li> </ul>	-	37	
Koh Kong Sugar Industry Co., Ltd.		<ul> <li>Service fees of computerized</li> </ul>	471	481	
		activities			
Koh Kong Plantation Co., Ltd.		<ul> <li>Service fees of computerized</li> </ul>	135	185	
		activities			
Khon Kaen Sugar Industry Public Company	Sahamit Machinery Public Company	<ul> <li>Sale of chemical and</li> </ul>	7,328	7,654	The Company purchased chemical
Limited	Limited	machine part			product and spare parts from Sahamit
		<ul> <li>Other Other account</li> </ul>	126	259	Machinery Public Company Limited
		payables			use in production process. The product
		(Incidental expense)			price of Sahamit Machinery Public
Tamaka Sugar Industry Co., Ltd.		- Sale of chemical and	1,546	-	Company Limited was less than the
		machine part			others from price comparison.
		<ul> <li>Other account payables</li> </ul>	1,406	-	
		(Incidental expense)			
New Krung Thai Sugar Factory Co., Ltd.		- Sale of chemical and	24	28	
		machine part			

#### FORM 56 - 1

# 12.1.2 Rental fee (for the year ended 31 October 2013 and 2012)

Lessor	Lessee	Significant transaction	Amount (Thousand Baht)		Necessity and reasonableness of Connected	
			31 OCT 13	31 OCT 12	Transaction	
Khon Kaen Sugar Industry Public Company Limited	On Nuj Construction Co., Ltd.	Office rental area of 202.84 square meters and car park at the rate of Baht 250 and 200 per square meter per month respectively and are allowed to be renewed annually (01/09/13- 31/08/14)	619	612	The Company has rent out office space to its companies group due to locate office centrally and conveniently. Rental fees were carried out at market prices on normal trade and agreement commencement date. Office rental and asset rental condition were set mainly concern about benefit to the	
	Chengteh Chinaware (Thailand) Co., Ltd.	Office rental area of 495.54 square meters and car park at the rate of Baht 242 per square meter per month and are allowed to be renewed annually (01/01/13 - 31/12/13)	1,440	1,440	company.	
	K.S.L. IT Center Co., Ltd.	Office rental area of 202.84 square meters and car park at the rate of Baht 200 per square meter per month and are allowed to be renewed annually (01/03/13 – 28/02/14)	609	372		
	Amarco Co., Ltd.	Land rental area of 536 square meters at the rate of Baht 1,650 per square meter per month for the period of 20 years (01/02/04-31/01/24) with rental rate will be raised 10% every 3 years.	23	20		
	K.K. Wood Industry Co., Ltd.	Land rental area of 1,728 square wah at the rate of Baht 90,200 and 82,000 per annum respectively and are allowed to be renewed every 3 years (15/01/11-14/01/14) with rental	90	90		

	rate will be raised 10% every 3		
	years.		

Lessor	Lessee	Significant transaction	Amount (Th	ousand Baht)	Necessity and reasonableness of Connected
			31 OCT 13	31 OCT 12	Transaction
Tamaka Sugar Industry Co., Ltd.	K.S.L. Export Trading Co., Ltd.	Office rental area of 30.00	108	108	The Company has rent out office space to its
		square meters with furniture at			companies group due to locate office
		the rate of Baht 300 per square			centrally and conveniently. Rental fees were
		meters per month and is			carried out at market prices on normal trade
		allowed to be renewed			and agreement commencement date. Office
		annually (01/09/13-31/08/14)			rental and asset rental condition were set
					mainly concern about benefit to the
					company.
Champion Fermentation Co., Ltd.	Tamaka Sugar Industry Co., Ltd.	Land rental area of 270 rai at	163	168	Land leasing is for a plot of experimental
		the rate of Baht 500 per rai and			sugar cane plantation and sugar cane
		is allowed to be renewed every			research. Rental fees were charged at
		3 years (04/08/13-03/08/16)			market prices.
K.S.L. Real Estate Co., Ltd.	Tamaka Sugar Industry Co., Ltd.	Office rental area of 55.19	168	166	The Company has rent out office space to its
		square meters at the rate of			companies group due to locate office
		Baht 250 and 200 per square			centrally and conveniently. Rental fees were
		meter per month respectively			carried out at market prices on normal trade
		and are allowed to be renewed			and agreement commencement date. Office
		every 3 years (01/07/11-			rental and asset rental condition were set
		30/06/14)			mainly concern about benefit to the
					company.

#### FORM 56 - 1

## 12.1.3 Borrowings from/ Loans to related parties (for the year ended 31 October 2013 and 2012)

			For the y	ear ended 31	October 201	13	
Borrower	Lender	As at 1 Nov 2012	Loan addition during the period	Repayme nt during the period	As at 31 Oct 2013	Interest paid	Necessity and reasonableness of Connected Transaction
Prachaup Industry Co., Ltd.	K.S.L. Export Trading Co., Ltd.	-	657,020	(657,020)	-	3,138	The loan was provided as financial supporting through K.S.L. Export Trading Co., Ltd. which was registered according to the laws and regulations of sugar exporting. The credit line from financial institution was defined and borrowed by K.S.L. Export Trading Co., Ltd. Then, K.S.L. Export Trading Co., Ltd. lent to sugar factories. Therefore, K.S.L. Export Trading Co., Ltd. represents an intermediary for credit line carried out. Prachaup Industry Co.,Ltd. pledged sugar exporting and promissory note as collaterals against credit facilities from K.S.L. Export Trading Co., Ltd. and no fee is charged for the inter-credit facility guarantee.

			For the y	year ended 31	October 201	12	
Borrower	Lender	As at 1 Nov 2011	Loan addition during the period	Repayme nt during the period	As at 31 Oct 2012	Interest paid	Necessity and reasonableness of Connected Transaction
Prachaup Industry Co., Ltd.	K.S.L. Export Trading Co., Ltd.	-	959,090	(959,090)	-	4,394	The loan was provided as financial supporting through K.S.L. Export Trading Co., Ltd. which was registered according to the laws and regulations of sugar exporting. The credit line from financial institution was defined and borrowed by K.S.L. Export Trading Co., Ltd. Then, K.S.L. Export Trading Co., Ltd. lent to sugar factories. Therefore, K.S.L. Export Trading Co., Ltd. represents an intermediary for credit line carried out. Prachaup Industry Co.,Ltd. pledged sugar exporting and promissory note as collaterals against credit facilities from K.S.L. Export Trading Co., Ltd. and no fee is charged for the inter-credit facility guarantee.

#### Policy on Future Related party transactions

The Audit Committee passed the resolution of related party transactions as the followings:-

The Audit Committee has reviewed the related party transactions described in the table above and given the view that it was in accordance with normal business practice and carried out at market price.

Policy on future related party transactions

#### 1. Normal Business Transactions

Normal business transactions include transfer and transport services and warehouse rental from Thai Sugar Terminal Public Company Limited and sales and purchases of sugar between the company and the subsidiaries. These connected transactions will firstly be brought to the company's consideration in respect of the company's interests and be ensured that they will be carried out at market price.

#### 2. Rental Service Transactions

Rental service transactions will be carried out at market price and the same rate given to third parties.

#### 3. Sales and Purchases of Assets and Investments

Sales and purchases of assets and investments are an increase of capital in order to maintain the same shareholding proportion as previously held. It is also an investment for the current business expansion and the future business growth. The policy of sales and purchases of assets and investments will firstly be brought to the company's consideration in respect of the company's interests and the justification for entering into the transaction, the necessity and appropriateness of such transactions.

#### 4. Borrowings from/ Loan to persons having potential conflict of interest

Borrowings from/ Loan to persons having potential conflict of interest will firstly be brought to the company's consideration in respect of the justification for entering into the transaction, the necessity and appropriateness of such transactions.

#### 5. Other Related Transactions

Other related transactions are transactions other than 1-4 stated above.

Related party transactions between the company and the subsidiaries and the persons having potential conflict of interest, having a stake in or possibly having a conflict of interest in the future shall be subject to the opinion of the Audit Committee for their consideration in respect of the justification for entering into the transaction, the necessity and appropriateness of such transactions. In case the Audit Committee considers it lack expertise required for the consideration of possible transactions, it is empowered to recruit experts as needed. Experts, for example, could be an auditor or an independent appraisement officer, which is independent from both the company and persons having potential conflict of interest. The opinion of these recruited experts will be used in the decision-making of the Audit Committee and/or the Board of Directors of the company and/or shareholders as the case may be.

The Board of Directors of the company ensures compliance with the laws on securities and exchange, regulations, notifications, orders or any requirements of the Stock Exchange of Thailand, including compliance with regulations on the disclosure of information on connected transactions and the acquisition or disposal of important assets of the company or its subsidiaries, and compliance with the accounting standards established by the Institute of Certified Accountants and Auditors of Thailand.

#### Capital structure of individuals having potential conflict of interest over 10%

Capital structure of individuals having potential conflict of interest over 10% is as the followings:-

1. Thai Sugar Terminal Public Company Limited (TSTE)

The individuals having potential conflict of interest own 38.36% of the TSTE's shares. Mr. Prapas Chutimavoraphand and his family invest in TSTE for its personal interest and do not relate to the company. The company owns 23.82% of the TSTE's shares and has no policy to increase its capital proportion. Consequently, the company could not alter TSTE's capital structure and has no policy forcing the directors of the company to sell their shares to the company. Moreover, the shareholders and directors have no intention to transfer their benefits to one of these two companies because the shareholding proportion in TSTE. In addition, Thai Sugar Terminal Public Company Limited has many directors from other sugar companies; thus, power balancing in TSTE is reasonable for both companies. To conclude, the related transactions between the company and TSTE are in line with the characteristics of normal trading in the market which will maximize highest value to both companies.

2. Champion Fermentation Co., Ltd.

The individuals having potential conflict of interest own 18.00% of Champion Fermentation Co., Ltd.'s shares. Other major shareholders are a group of Taiwanese businessman. Champion Fermentation Co., Ltd., formerly, has no business transactions except land leasing. However, Champion Fermentation Co., Ltd. has invested in cassava starch industry which does not relate to sugar industry in the end of 2004. The purpose of investment is for dividend received in the future.

In conclusion, the shareholding structure of the company and the subsidiaries, which is owned by the individuals having potential conflict of interest over 10% in some companies, is the result from the past. Currently, the company has an intention changing its structure in order to minimize those conflicts. In addition, the company has the policy to directly invest in subsidiaries and associates in the future. Also, there will be the limitations in shareholding proportion for the individuals having potential conflict of interest except it will be done to maximize the company's value. Furthermore, the persons having potential conflict of interest will not make any investments in business that may constitute the conflicts of interest to the company or in competitive business to the company.

# **13. Financial Information**

The corporate accounting period begins on November 1 and ends on October 31 of every year.

## 13.1) Report of Independent Auditor

- Auditor
   Year 2011 Miss Wimolporn Boonyusthian, Certified Public Accountant, Registration No. 4067, Deloitte Touche Tohmatsu Jaiyos Audit Co., Ltd.
   Year 2012 Miss Wimolporn Boonyusthian, Certified Public Accountant, Registration No. 4067, Deloitte Touche Tohmatsu Jaiyos Audit Co., Ltd.
   Year 2013 Miss Wimolporn Boonyusthian, Certified Public Accountant, Registration No. 4067, Deloitte Touche Tohmatsu Jaiyos Audit Co., Ltd.
- 2) Summary of the audit reports over the past three years
  - Year 2011 The Auditor reviewed corporate financial statements and issued unconditional opinions.

The Auditor clarified the scope of her responsibilities that she had not audited financial statements of three foreign subsidiaries and six local subsidiaries which are included in this consolidated financial statements. In 2011, the financial statements of the subsidiaries indicated the total assets of THB 7,077.21 million, accounting for 26.95 percent of the total assets. The total sales was THB 2,985.73 million, accounting for 18.16 percent of the year's total sales. The net income totaled THB 14.31 million, accounting for 0.70 percent of the year's total sales. The financial statements of the subsidiaries were audited by other certified public accountants. The Auditor presented parts of the reports related to monetary amounts of transactions of the subsidiaries included in the consolidated financial statements; those amounts presented were based on the other certified public accountants' reports.

# Year 2012 The Auditor reviewed corporate financial statements and issued unconditional opinions.

The Auditor clarified the scope of her responsibilities that she had not audited financial statements of three foreign subsidiaries and six local subsidiaries which are included in this consolidated financial statements. In 2012, the financial statements of the subsidiaries indicated the total assets of THB 7,321.04 million, accounting for 24.72 % of the total assets. The total sales was THB 3,737.93 million, accounting for 16.83 % of the year's total sales. The net loss totaled THB 322.03 million, accounting for 13.02 % of the year's total sales. The financial statements of the subsidiaries were audited by other certified public accountants. The Auditor presented parts of the reports related to monetary amounts of transactions of the subsidiaries included in the consolidated financial statements; those amounts presented were based on the other certified public accountants' reports.

Year 2013 The Auditor reviewed corporate financial statements and issued unconditional opinions.

## **13.2)** Percentage of Shareholding in the Subsidiaries and Consolidated Financial Statements Preparation Criteria

(Refer to the attached Financial Statements for details.)

The financial statements for 2011, 2012, and 2013 include a total of 14 subsidiaries (excluding subsidiaries of Thai Sugar Terminal Public Company Limited).

## Table 13.1: Percentage of Direct and Indirect Corporate Shareholding

		% of Sharehold	ing
	<u>2011</u>	<u>2012</u>	<u>2013</u>
Tamaka Sugar Industry Co., Ltd.	90.21	90.21	90.21
New Krung Thai Sugar Factory Co., Ltd.	95.78	95.78	95.78
New Kwang Soon Lee Sugar Factory Co., Ltd.	98.61	98.61	98.61
KSL Real Estate Co., Ltd.	80.31	80.31	91.02
KSL Export Trading Co., Ltd.	79.55	79.55	79.55
KSL Chemicals Co., Ltd.*	100.00	100.00	100.00
Khon Kaen Sugar Power Plant Co., Ltd.	100.00	100.00	100.00
Khon Kaen Alcohol Co., Ltd.	100.00	100.00	100.00
KSL Agro and Trading Co., Ltd.	100.00	100.00	100.00
Savannakhet Sugar Co., Ltd.	98.49	98.49	98.49
Koh Kong Plantation Co., Ltd.**	70.00	70.00	80.00
Koh Kong Sugar Industry Co., Ltd.	70.00	70.00	80.00
Wynn In Trading Co., Ltd.	100.00	100.00	100.00
Thai Sugar Terminal Public Company Limited***	23.82	23.82	23.82

#### NOTE:

\* Formerly name KSL Chemicals Co., Ltd.

\*\* Koh Kong Plantation Co., Ltd. holds shares through Wynn In Trading Co., Ltd.

\*\*\* Although the company only has 23.82 % shareholding in Thai Sugar Terminal Public Company Limited, it has controlling power in that particular company. Thai Sugar Terminal Public Company Limited is, therefore, considered a corporate subsidiary. Thai Sugar Terminal Public Company Limited, a KSL subsidiary listed in the SET as TSTE, has 5 subsidiaries:

TSG Assets Company Limited operates real estate rentals. TSTE holds 23.11% shares.

TS Oil Industry Company Limited (formerly name as TSG Property Company Limited) trades, leases, develops real estate, and operates a palm oil refinery plant. TSTE holds 28.48% shares directly and indirectly.

TS Flour Mill Public Company Limited rents out real estate and manufactures wheat flour. TSTE holds 16.59% shares directly and indirectly. It is also listed in the SET as TMILL.

TS Warehouse Company Limited stores and transfers goods. TSTE holds 19.30% shares directly and indirectly.

TS Transport and Logistics Company Limited provides transport and security service. It also manufactures plastic sacks. TSTE holds 30.58% shares directly and indirectly. *For further details, refer to Listed Company Information on Thai Sugar Terminal Public Company Limited (TSTE) and TS Flour Mill Public Company Limited (TMILL).* 

#### 13.3) Profit and Loss Statement

In 2013, the company generated the revenues from operations of THB 18,941 million, in total, decreasing from that in the previous year by 15 %. The revenue from sales amounted to THB 18,586 million and the revenue from services amounted to THB 355 million. The company's total cost was THB 14,961 million, decreasing from that of the previous year by 9 %. Other incomes amounted to THB 777 million. The company had profit before selling and administration expenses totaled THB 4,755 million, decreasing from that of the previous year by 24%.

Regarding the selling and administrative expenses, the company incurred selling expenses totaled THB 474 million, decreasing by 12% and administrative expenses totaled THB 603 million, decreasing by 14%. There is also management remuneration cost of THB 182 million and Fee paid to Sugar Fund, THB 1,033 million. Subsequently, the company had the profit before financial cost and tax expenses totaled THB 2,464 million, decreasing by 35 %.

In 2013, the company incurred financial cost of THB 672 million, an increase by 21%. The corporate income tax burden amounts to THB 144 million, decreasing by 80%. After deduction of THB 13 million loss in minority interests, the company's net profit decreased by 29 % from the previous year from THB 2,354 million to THB 1,661 million in 2013.

Income Statement Highlight	2013	2012	%	2011
(Million THB)			Change	
Sales and Services	18,941.16	22,212.30	-15%	16,459.80
Cost of Sales and Service	(14,961.29)	(16,478.72)	-9%	(11,596.39)
Gross Profit from Sales & Services	3,979.87	5,733.58	-31%	4,863.41
Other Incomes	776.52	492.65	58%	312.64
Gross Profit from other Income	4,756.39	6,226.22	-24%	5,176.05
Selling Expense	(473.73)	(535.38)	-12%	(340.98)
Administration Expense	(603.30)	(701.05)	-14%	(604.96)
Management Remuneration	(181.91)	(162.74)	12%	(143.20)
Proceeds to Fund	(1,033.10)	(1,064.19)	-3%	(812.83)
Loss from Derivatives				(16.77)
Total cost	(2,292.04)	(2,463.37)	-7%	(1,918.73)
EBIT	2,464.35	3,762.85	-35%	3,257.31
Financial cost	(671.95)	(556.32)	21%	(465.25)
Share of Profit of Associated Company	(0.17)	(8.29)	-98%	(9.17)
Corporate Income Tax	(144.14)	(725.53)	-80%	(750.69)
Minority and others	13.30	(118.45)	-111%	(142.31)
Net Profit	1,661.39	2,354.26	-29%	1,889.89
EPS	1.00	1.50	-33%	1.22
Gross Margin from Sales & Service	21.01%	25.81%		29.55%
Net Profit Margin	8.77%	10.60%		11.48%

#### Table 13.2 : Consolidated Profit and Loss in the past 3 years

With reference to the company's revenue structure, the total revenues from operations was THB 18,941 million. The company had revenues from sales of sugar and molasses amounted to THB 12,521 million, accounting for 66 % of the total revenue. Revenues from sales of ethanol and gasoline totaled THB 2,344 million, representing 12 % of the total revenue. Electricity sales, which the corporate power generation facilities had distributed to the Electricity Generating Authority of Thailand according to the firm contract, amounted to THB 1,029 million, accounting for 5 % of the total revenue. Revenues from sales of wheat flour, palm oil, and sacks totaled THB 2,142 million, accounting for 11 % of the total revenue. The rest of the revenue were generated from the sales of fertilizer, service provision, and other sources.

Revenue Structure	2013		2012		%	2011	
(Million THB)					Change		
Sales and Services							
Sugar Sales	12,408.08	66%	15,493.86	70%	-20%	12,336.47	75%
Molasse Sales	30.28	0%	146.11	1%	-79%	312.05	2%
Other Income from sugar & molasses	82.55	0%	186.90	1%	-56%	125.32	1%
Electricity Sales	1,028.61	5%	859.88	4%	20%	482.80	3%
Ethanol and Benzene Sales	2,343.70	12%	1,818.17	8%	29%	684.69	4%
Fertilizer Sales	11.30	0%	3.47	0%	225%	2.84	0%
Wheat Flour, Palm oil and Sacks	2,142.03	11%	2,760.81	12%	-22%	1,971.79	12%
Service	354.83	2%	336.00	2%	6%	176.98	1%
Other	539.80	3%	607.10	3%	-11%	366.86	2%
Total	18,941.16	100%	22,212.30	100%	-15%	16,459.80	100%
Other Incomes				•			-
Rental Income	52.60	7%	53.51	11%	-2%	45.42	15%
Sales of Electricity (Non Firm)	35.40	5%	41.98	9%	-16%	43.83	14%
Gain on Sales of Assets	17.95	2%	33.13	7%	-46%	15.14	5%
Gain on Derivatives	245.88	32%	120.88	25%	103%	-	0%
Gain on Currencies Exchange	182.90	24%	27.50	6%	565%	31.63	1 <b>0</b> %
Other Incomes	241.78	31%	215.65	44%	12%	176.61	56%
Total	776.52	100%	492.65	100%	58%	312.64	100%

#### Table 13.3 : Consolidated Revenue Structure in the past 3 years

#### 13.4) Statement of Financial Position of the Company and its Subsidiaries

#### Table 13.4 : A Summary of the Consolidated Statement of Financial Position in the past 3 years

Statement of Financial Position Highlight	2013	2012	%	2011
(Million THB)			Change	
Cash & Short Term Investment	212.24	289.73	-27%	280.95
Account Receivable	880.91	835.63	5%	767.15
Farmers Account Receivable	894.91	755.18	19%	622.57
Short Term Loan to Farmers	827.43	747.69	11%	716.28
A/R sugarcane & sugar fund	-	39.04	-100%	88.87
Inventories	3,647.46	3,492.97	4%	3,267.21
Deferred Cane Plantation Cost	479.51	569.98	-16%	724.49
Net PP&E	25,137.52	21,424.19	17%	16,081.62
Net Asset not used in Operation	279.12	289.49	-4%	399.27
Total Asset	36,016.90	29,617.09	22%	23,820.35
Current Liabilities	13,466.37	12,322.86	9%	8,595.36
Non-Current Liabilities	8,400.58	5,262.10	60%	6,010.49
Total Liabilities	21,866.95	17,584.96	24%	14,605.85
Total Shareholder's Equity	14,149.95	12,032.13	18%	9,214.50
Book Value per share	7.55	6.54	-	4.95
D/E Ratio	1.55	1.46		1.59
IBD/E Ratio	1.34	1.17		1.31

In 2013, the company and its subsidiaries had the total assets of THB 36,017 million, an increase of 22% from the previous year due mainly to investments in building factory in the Loei Project, building a power plant and increase crushing capacity in the Nampong Project, and buying Liberty Square Building on Silom Road, Bangkok.

The company funds these investment projects by using credit loans from financial institutions and issuing bonds. Consequently, the total liability increased by 24%, from THB 17,585 million in 2011 to THB 21,867 million. Hence, D/E ratio increased from 1.46 to 1.55 and interest-bearing debt/equity also increased from 1.17 to 1.34.

### 13.5) Cash Flow Statement

4,781 (1,070) 3,711	Change -30% -52%	4,045 (2,007)
(1,070)		(2,007)
	-52%	
3,711	-52%	2 020
		2,038
(4,249)	0%	(1,387)
(4,415)	43%	(1,787)
709	525%	(164)
9		78
289		281
3,763	-35%	3,257
833	14%	645
4,596	-26%	3,903
	(4,249) (4,415) 709 9 289 3,763 833	(4,249)         0%           (4,415)         43%           709         525%           9         289           3,763         -35%           833         14%

#### Table 13.5 : Cash Flow Statements of the Company in the past 3 years

In 2013, the company and its subsidiaries the company and its subsidiaries received cash flows from their operations before change in working capital totaled THB 3,370 million, a 30% decreased from the previous year due to revenue decrease from the sugar business. As a result, the company and its subsidiaries have THB 1,766 million of cash flow from operating activities, a 52% decrease from the year 2012.

For cash flows from investing activities, the company and its subsidiaries had cash paid in (net) totaled THB 6,294 million, of which THB 4,242 million was mainly invested in lands, buildings, properties, plants and equipment (net) in the Loei project; in crushing capacity at sugar factory in Nampong, Khon Kaen province; and in buying the Liberty Square Building, a commercial property on Silom road, in Bangkok.

Regarding financing activities in 2013, the company and its subsidiaries received the net cash of THB 4,431 million from short term loan and project finance credit line.

## 13.6) Financial Ratios

Table	13.6	:	Financial	Ratios
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Financial Ratios	2013	2012	2011
Short term liquidity ratios			
Current Ratio	0.47	0.49	0.66
Acid Test Ratio	0.19	0.19	0.26
Collection period	23	19	22
Days of inventory	87	75	80
Capital Structure and Solvency ratios			
D/E Ratio	1.55	1.46	1.59
IBD/E Ratio	1.34	1.17	1.31
LTD to equity	0.57	0.42	0.65
Times interest earned	4.67	7.76	8.00
Return on Investment ratios			
ROA	7%	13%	14%
ROE	12%	20%	21%
Operating performance ratios			
Gross Profit Ratio	21%	26%	30%
Operating Profits to sales	13%	17%	20%
Pretax profit to sales	9%	14%	17%
Net income to Sales	9%	11%	11%
Asset Utilization ratios			
Sales to cash	77.6	77.9	68.0
Sales to accounts receivables	15.4	18.9	16.7
Sales to inventory	5.3	6.6	6.4
Sales to fixed assets	0.8	1.2	1.1
Sales to total assets	0.6	0.8	0.7
Market Measures			
Book Value per Share	7.98	6.54	4.95
Earning Per Share	1.00	1.50	1.22

According to the 2013 financial ratios, liquidity ratios that is part of current ratio and acid test ratio had decreased to a low level. This is because the company managed its finance by using short-term credits as working capital for its investment projects. Once the long-term loan contract periods were due, the company switched to use the long-term credits. The purpose was to relieve the interest burden on loans. Subsequently, the company's current ratio and acid test ratio decreased.

Regarding solvency ratios, it can be seen that the D/E ratio, IBD/E ratio and LTD to equity had increased as a result of using loan to fund investment project.

In terms of profitability ratios, the ROA and ROE decreased due to the decreasing volume and average market price of sugar sold and also the increase in non-operating asset from our new project.

# **14. Management Discussion and Analysis**

In 2013, the company has a net profit of THB 1,661 million. Compared to the previous year result, the company's net profit dropped by THB 693 million or about 29%. The main reasons for the drop in net profit are:

- 1) The significant decrease in the world prices of raw sugar (by 19% or from THB 18,051/tons to THB 14,546/tons) and of exported white sugar (by 16% or from THB 21,000/ton to THB 17,678/ton).
- 2) The drop in production yield that stems from broken machine at the beginning of the production season and unfavorable weather condition that reduce the quality and yield of cane that used to produce 102 kg of sugar / ton of cane in 2012 to 95kg of sugar/ton of cane in 2013. As a result, the average cost of sugar production is higher in 2013 than 2012, and the overall profit from the sugar business reduced drastically from THB 1,662 million in 2012 to THB 142 million in 2013.

Nonetheless, the results from power plant and ethanol operations are positive.

The profit from our sale of electricity has increased from THB 611 million in 2012 to THB 966 million in 2013. The increase in the profit comes from 1) the increased in electricity sales to EGAT by 13% from 267,452 MW-hr in 2012 to 301,136 MW-hr in 2013, and 2) the increase in the unit price of electricity sold from THB 3.215/MW-hr in 2012 to THB 3.416/MW-hr in 2013.

The profit from our sale of ethanol has also increased by 91% or from THB 316 million in 2012 to THB 603 million in 2013. The reasons for our profit increase are 1) an 18% increase in sales volume of ethanol from, 88.49 million liters in 2012 to 104.65 million liters in 2013 and 2) a 9% increase in the average selling price of ethanol in 2013 compared to the previous year.

For the sales and management expense, it is divided into the following:

- 1) Sales Expense drops by 24% as the sales volume declined from 792,816 tons in 2012 to 720,318 tons in 2013.
- 2) Management Expense drops by 14% from the previous year as it account for the repair cost of broken machines at the factory.
- 3) Fee paid to Sugar Fund a fund the company contributed to the Cane and Sugar Fund to support the cane and sugar industry in Thailand. Since 2001, the company contributed money to this fund in two ways. First, through deducting THB 5/kg from all the sugar it sold domestically. Second, the company pays the fund with the difference in VAT that it gained from the price of sugar it used to sell previously with VAT and currently without VAT as required by current pricing regulation. Hence, the amount of fund the company contributes each year will depend on the domestic price of sugar during that year. In 2013, the amount

of fund the company contributed is less than that of the previous year as the volume of domestic sugar sale decreases from 197,975 tons in 2012 to 192,331 tons at the beginning of 2013.

4) Financial expense and corporate tax – the burden of interest from investing in a few new projects had lead to an increase in the company's financial costs of 21%. However, the company also has some tax relief from some of its business operations from the Board of Investment of Thailand (BOI). As a result, the company's overall profit decreased by 29% from 2,354 million in 2012 to THB 1,661 million in 2013.

Because the company and its subsidiaries operate businesses that are closely linked but varied in industries, the possibility of turning profit for each different business and the future goals of each of them varied considerably. Hence, the company prepares table 14.1 to illustrate how each different business affects the profit and loss account of the company.

# Table 14.1: Comparison Table Depicting Different Business Operations and their effects on the **Company's Profit and Loss Account**

Profit Contribution (Mil THB)	2013		2012		201	1
Sugar Business	84	5%	1,376	58%	1,551	82%
Thai Operation	142		1,662		1,619	
Laos & Cambodia Operation	(58)		(286)		(68)	
Power & Ethanol Business	1,569	94%	928	39%	307	16%
Power	966		611		256	
Ethanol	603		316		51	
Supporting Business	(10)	-1%	60	3%	42	2%
Other Business	18	1%	(10)	0%	(11)	-1%
Total	1,661	100%	2,354	100%	1,890	1 <b>00%</b>

## Table 14.2 Sales Revenue from Ethanol (exclusive of petroleum) and Electricity

Sales		2013			2012			2011	
Volume & Price	Volume	Avg. Price	Value	Volume	Avg. Price	Value	Volume	Avg. Price	Value
	Units	THB / Unit	M THB	Units	THB / Unit	M THB	Units	THB / Unit	M THB
Sugar	720,318	17,226	12,408	792,816	19,543	15,494	617,013	19,994	12,336
Ethanol (1,000 Litres)	104,651	22.25	2,328	88,494	20.47	1,812	29,383	23.11	679
Power	301,136	3,416	1,029	267,452	3,215	860	172,879	2,792.73	483
Note: Sugar unit: t									

Sugar unit: tons price: THB per ton

Ethanol unit: 1,000 litres price: THB per litre electricity unit: MW-hr price: THB per MW-hr

Our expectation for 2014 is that our sugar business operation will improve due to many reasons. First, there will be an increase in the volume of sugar we can produce as a result of our investment in the new sugar factory and crushing capacity improvement. We expect to acquire more cane with greater sweetness for crushing since the weather towards the end of 2013 had been very favorable. Second, the increase in cane volume will also leave more bagasse as feedstock to produce more electricity and more molasses to produce more ethanol. Third, the company predicts that the average selling price of ethanol will increase for the year 2014 compared to 2013 as there is an increase in demand of ethanol from businesses that mix ethanol with diesel and petrol to make fuel for cars. However, the company also foresees some negative effects on our operation as a result of

an oversupply of sugar in both domestic and international market. The supply of sugar will surplus demand by 6.7 million tons, a reduction of surplus of 11.3 million tons from the previous year. For this reason, the world market price of sugar will continue to decrease. The reduction in world market price of sugar will help to decrease the cost of the company's sugar production as the cost of domestic cane is systematically tied to the price of sugar sold as part of the 70:30 profit sharing arrangement between Thai cane farmers and Thai sugar producers. Furthermore, the company expects that the decrease in world market price of sugar will be compensated by the weaken Thai Baht against US dollars.

# **Information Certification**

We have reviewed the information contained in the Annual Information Disclosure Form and, with carefulness in our capacity of the company's Executive Directors or as top executives in charge of accounting, hereby certify that the information is correct, complete and true and does not cause any misunderstanding or concealment. We further certify that

(1) The financial statements and financial information that are integral parts of the Form provide correct and complete information in material aspect pertaining to the financial position, operating results and cash flow of the company and its subsidiaries.

(2) We are responsible for having the company put in place a reliable disclosure system to ensure the company has correctly and completely disclosed material information of the company and its subsidiaries and has complied with the disclosure regulations.

(3) We are responsible for having the company put in place a good internal control system and ensuring its compliance with this system. We have duly reported to our external auditor and Audit Committee the internal control assessment as of Oct 31, 2013 which also involved the significant errors and changes in our internal control system as well as any misconduct that may affect the financial transactions of the company and its subsidiaries.

As evidence of our making of certification of information accuracy, we have authorized Mr. Chalush Chinthammit to initial all the pages of this document. Any information without Mr. Chalush Chinthammit's signature will be treated as non-certified information.

Name - Surname		Position	Signature		
1. Mr.Chamroon	Chinthammit	Chief Executive Officer			
2. Mr.Prapas	Chutimavoraphand	Executive Director			
3. Mr.Pornsin	Thaemsirichai	Executive Director			
4. Mr.Sukhum	Tokaranyaset	Executive Director			
5. Mr.Thawatchai	Rojanachotikul	Executive Director			
6. Mrs.Intira	Sukanindr	Executive Director			
7. Ms.Duangdao	Chinthammit	Executive Director			
8. Mr.Somchai	Chinthammit	Executive Director			
9. Ms.Duangkae	Chinthammit	Executive Director			
10. Mr.Chalush	Chinthammit	Executive Director			
Name - Su	irname	Position	Signature		
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11. Mr.Tarkarn	Chunharojrit	Executive Director			
12. Mr.Tachpong	Pakornsiriwongse	Executive Director			
Name	- Surname	Position	Signature		
Authorized Person Mr.Chalush	Chinthammit	Executive Director			

We have reviewed the information contained in the Annual Information Disclosure Form, and with carefulness in our capacity of the company's Directors, have no grounds for believing that the information is incorrect, incomplete and false or causes any misunderstanding or represents any concealment.

As evidence of our making of certification of information accuracy, we have authorized Mr. Chalush Chinthammit to initial all the pages of this document. Any information without Mr. Chalush Chinthammit's signature will be treated as non-certified information.

Name - Su	rname	Position	Signature
1. Mr.Manoo	Liawpairot	Chairman	
2. Mr.Somchat	Chinthammit	Director	
3. Mr.Chatri	Chinthammit	Director	
4. Mr.Pramoon	Vichiensin	Independent Director	
5. Pol.Lt.Gen Boonpen	Bumpenboon	Independent Director	
6. Mr.Sitti	Leelakasemlurk	Independent Director	
7. Mr. Karun	Kittisataporn	Independent Director	
8. Mr. Warapatr	Todhanakasem	Independent Director	
9. Ms. Nongluck	Phinainitisart	Independent Director	
Name -	- Surname	Position	Signature
Authorized Person			
Mr.Chalush	Chinthammit	Executive Director	

## Details of Company's Directors, Executives, Authorized Person and Company Secretary

			% of	Relation among		Work experience dur	ing past 5 years
Name/Position/Date of	Age	Education Background	share	family within	Period	Position	Company/Type of Business
Appoitment			holding	company			
1. Mr.Manu Leopairote	69	- BA in Economics (Honor),	-	-	2004 – Present	- Chairman	- Khon Kaen Sugar Industry PLC.
- Chairman of the Board of		Thammasat University					- Affiliate of KSL Sugar Factories
Directors		- M.Sc.(Economics) (Honor),					
		University of Kentucky, USA				Other Organizations	
		-Honorary Degree of Doctor of			2002 - 2006	- Chairman	- SME Bank
		Business Administration, Thammasat			1999 - 2004	- Permanent Secretary	- Ministry of Industry
March 2004		University, Thailand			Present	- Chairman	-TMC Industrial PLC.
		- Diploma Industrial Development,			Present	- Chairman	- ARIP PLC.
		Nagoya , Japan			Present	- Chairman	- Polyplex (Thailand) PLC.
		- Diploma, National Defence College			Present	- Chairman	- Jubilee Enterprise PLC.
		Class 34			Present	- Audit committee	-Thai Beverage PLC.
		- Diploma, Chairman 2000 (3/2001)					
		- Director Certification Program (DCP)					
		(30/2003)					
		- Director Accreditation Program (DAP)					
		2003					

			% of	Relation among		Work experience	e during past 5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
2. Mr.Chamroon Chinthammit	63	- BBA in Business Administration	1.726	-	1996 - Present	- President and CEO	- Khon Kaen Sugar Industry PLC.
- President and CEO		(Honor) Chulalongkorn University					and Affiliate of KSL Sugar Factories
		- Director Accreditation Program (DAP)				Other Organizations	
(Authorized Director)		(17/2004) by IOD			1989 – Present	- President	- Champion Fermentation Co., Ltd.
March 2004		- Diploma, Chairman 2000 (10/2004)			1996 – Present	- President	- KSL Real Estate Co., Ltd.
		By IOD			1996 – Present	- Director	- Onnuch Construction Co., Ltd.
					1997 - Present	- President	- Chengteh Chinaware (Thailand) Co., Ltd.
					1997 – Present	- Director	- Thai Sugar Millers Corporation Limited
					2000 – Present	- President	- Thai Fermentation Industry Co., Ltd.
					2001 – Present	- President	- TFI Green Biotech Co., Ltd.
					2002 - Present	- President	- KSL Export Trading Co., Ltd.
					2003 – Present	- President	- Khon Kaen Sugar Power Plant Co., Ltd.
					2003 – Present	- President	- KSL Material Supply Co., Ltd.
					2004 - Present	- President	- Khon Kaen Alcohol Co., Ltd.
					2004 - Present	- Director	- Chantaburi Starch Co., Ltd.
					2004 - Present	- Director	- The Federation of Thai Industry
							(Sugar Industry Group)
M.L. Charuvadhana Chinthammit			1.047	Spouse	2006 - Present	- President	- Koh Kong Sugar Industry Co., Ltd.
					2006 - Present	- President	- Savannakhet Sugar Corporation
					2006 – Present	- President	- KSL. Agro and Trading Co., Ltd.
					2006 – 2009	- Director	- The Cane and Sugar Board
							Ministry of Industry

		2007 – 2009	- Director	- Thai Listed Companies Association
		2008 - 2010	- Director	- The Federation of Thai Industry
		2009 – Present	- President	- Rajasolar Material Co., Ltd.
				·

			% of	Relation among		Work experience	e during past 5 years
Name/Position/Date of Appointment	Age	Education Background	share	family within	Period	Position	Company/Type of Business
			holding	company			
3. Mr.Prapas Chutimavoraphand	75	- Vocational Certificate,	0.409	Brother in law of	1976 - Present	- Director and	- Khon Kaen Sugar Industry PLC.
- Director and Executive Director		Chonradsadornumrung School		President & CEO		Senior Vice President	
- Senior Vice President –		- Director Accreditation Program			2003 - Present	- Director and	- New Krung Thai Sugar Factory Co.,Ltd.
Administration		(DAP) (17/2004) by IOD				Senior Vice President	
					2004 - Present	- Director and	- Tamaka Sugar Industry Co.,Ltd.
(Authorized Director)						Senior Vice President	
March 2004						- Director and	- New Kwang Soon Lee Sugar Factory Co.,Ltd.
						Senior Vice President	
					2003 - Present	- Director	- Khon Kaen Sugar Power Plant Co.,Ltd.
						Other Organizations	
					1999 - Present	- CEO & Managing	- Thai Sugar Terminal PLC. and Affiliate
						Director	companies
					1969 – Present	- Managing Director	- Onnuch Construction Co.,Ltd.
Mrs. Sumitra Chutimavoraphand			0.383	Spouse	Present	- CEO	- TS Flour Mill PLC.

			% of	Relation among		Work experience	e during past 5 years
Name/Position/Date of	Age	Education Background	share	family within	Period	Position	Company/Type of Business
Appointment			holding	company			
4. Mr. Pornsin Thaemsirichai	68	- B.Eng. in Civil Chulalongkorn	0.653	Brother in law of	1976 - Present	- Director and	- Khon Kaen Sugar Industry PLC.
- Director and Executive Director		University		President & CEO		Senior Vice President	
- Senior Vice President –		- MS in Engineering			1983 – Present	- Director and	- Affiliate of KSL Sugar Factories
Production& Technique		North Dakota State University, USA.				Senior Vice President	
		- MBA.,The University of Southern					
(Authorized Director)		Queensland, Australia				Other Subsidiaries	
March 2004		- Director Accreditation Program (DAP)			2003 - Present	- Director	- KSL Material Supplies Co., Ltd.
		(18/2004) by IOD			2003 - Present	- Managing Director	- Khon Kaen Sugar Power Plant Co., Ltd.
		- Director Certification Program (DCP)			2004 – Present	- Managing Director	- Khon Kaen Alcohol Co., Ltd.
		(50/2004)			2007 - Present	- Director	- Savannakhet Sugar Corporation
					2010 - Present	- Chairman	- Koh Kong Plantation Co.,Ltd.
					2006 - Present	- Director	- Koh Kong Sugar Industry Co., Ltd.
						Other Organizations	
					1974 - 2011	- Director	- Sahamit Machinery PLC.
					2013 - Present	- Director	- Sahamit Machinery PLC.
Mrs. Montanut Thaemsirichai			0.682	Spouse			

			% of	Relation among		Work experience durir	ng past 5 years
Name/Position/Date of	Age	Education Background	share	family within	Period	Position	Company/Type of Business
Appointment			holding	company			
5. Mr. Somchai Chinthammit	61	- Diploma, Computer College,	2.138	Brother of	1980 - Present	- Directtor and Assistant	- Khon Kaen Sugar Industry PLC.
- Director and Executive Director		Germany		President & CEO		Vice President	
- Assistant Vice President		- Certificate Mini MBA., Thammasat			1980 - Present	- Director and Assistant Vice	- Affiliate of KSL Sugar Factories
		University				President	
March 2004		- Director Accreditation Program (DAP)			2003 - Present	- Director	- Khon Kaen Alcohol Co.,Ltd.
		(17/2004) by IOD			2004 – Present	- Director	- Champion Fermentation Co.,Ltd.
					2003 – Present	- Director	- Khon Kaen Sugar Power Plant Co.,Ltd.
					1981 – Present	- Director	- Thai Fermentation Industry Co.,Ltd.
					2006 – Feb 2007	- Director	- KSL. Agro and Trading Co., Ltd.
						Other Organizations	
					2008 - Present	- Director	- Thai Sugar Terminal PLC and
Miss Natamont Chinthammit			0.389	Minor Children			subsidiaries
					Present	- Director	- TS Flour Mill PLC.

			% of	Relation among	Work experience during past 5 years		
Name/Position/Date of	Age	Education Background	share	family within company	Period	Position	Company/Type of Business
Appointment			holding				
6. Ms. Duangkae Chinthammit	57	- Diploma from Katinka School,	2.205	Sister of President &	1980 - Present	- Director and Assistant	- Khon Kaen Sugar Industry PLC.
- Director and		England		CEO		Vice President	
Executive Director		- Certificate Modern Managers			2004 – Present	- Director and Assistant	- Affiliate of KSL Sugar Factories
- Assistant Vice President		Program (MMP), Chulalongkorn				Vice President	
		University					
March 2004		- Director Accreditation Program (DAP				Other Organizations	
		(17/2004) by IOD			2005 - Present	- Director	- Sub Sri Thai Warehouse PLC.

			% of	Relation among		Work experience duri	ing past 5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
7. Ms.Duangdao Chinthammit	55	- MS in Agricultural Economics, University of Saskatchewen, Canada	2.213	Sister of President & CEO	1995- 2004	- Director and Assistant Managing Director	- Khon Kaen Sugar Industry Co.,Ltd.
Executive Director		- BS in Computer Information System,			2004 - Present	- Director and	- Khon Kaen Sugar Industry PLC.
- Vice President – Human Resources		Western Michigan University, USA. - BBA in Business Administration,			2004 - Present	Vice President - Director and	- Affiliate of KSL Sugar Factories
- Director of Nomination and Remuneration Committee		Kasetsart University - Director Accreditation Program (DAP)			1999 - Present	Vice President - Director	- KSL Real Estate Co.,Ltd.
(Authorized Director)		(17/2004) by IOD - Director Accreditation Program (DAP)			1996 – Present 2006 - Present	- Director - Director	- Onnuch Construction Co.,Ltd. - KSL Material Supplies Co.,Ltd.
March 2004		(71/2006) by IOD			2006 – Present	- Director	- KSL Agro and trading Co., Ltd.
					2005 – Present	<u>Other Organizations</u> - Director	- Sub Sri Thai Warehouse PLC.

			% of	Relation among		Work experience duri	ng past 5 years
Name/Position/Date of Appointment	Age	Education Background	share	family within	Period	Position	Company/Type of Business
			holding	company			
8. Mr.Tachpong Pakornsiriwongse	65	- Certificate in Financial Management,	0.004	-	1976 - Present	- Director	- Khon Kaen Sugar Industry PLC.
- Director and		Chulalongkorn University			2004 – Present	- Director	- Affiliate of KSL Sugar Factories
Executive Director		- Director Accreditation Program (DAP)			2007 – 2009	- Director and	- Koh Kong Plantation Co.,Ltd.
		(21/2004) by IOD				Managing Director	
March 2004					2009 – May 2010	- General Manager	- Koh Kong Sugar Industry Co.,Ltd.
					2007 – Present	- Director	- Koh Kong Plantation Co.,Ltd.
					Present	- Director	- KSL Sugar Holding Co.,Ltd.

			% of	Relation among		Work experienc	e during past 5 years
Name/Position/Date of	Age	Education Background	share	family within	Period	Position	Company/Type of Business
Appointment			holding	company			
9. Mr.Trakarn Chunharojrit	73	- Certificate in Accounting	0.303	-	1976 - Present	- Director	- Khon Kaen Sugar Industry PLC.
- Director and		- Director Accreditation Program (DAP)			1970 – Present	- Director	- New Krung Thai Sugar Factory Co.,Ltd.
Executive Director		(17/2004) by IOD			1973 – Present	- Director	- Tamaka Sugar Industry Co.,Ltd.
- Assistant Vice President					1959 – Present	- Director	- New Kwang Soon Lee Sugar Factory Co., Ltd.
- Company Secretary					2003 – Present	- Director	- Khon Kaen Alcohol Co.,Ltd.
					2003 - Present	- Director	- Khon Kaen Sugar Power Plant Co.,Ltd.
March 2004					2003 - Present	- Director	- KSL Material Supplies Co.,Ltd.
					2006 -Present	- Director	- KSL. Agro and Trading Co., Ltd.
					1997 - Present	- Executive Director	- Chenteh Chinaware (Thailand) Co.,Ltd.
					1989 – Present	- Executive Director	- KSL Real Estate Co.,Ltd.
					Present	- Director	- KSL Sugar Holding Co.,Ltd.
Mrs. Rattana Chunharojrit			0.111	Spouse			

			% of	Relation among		Work experience during p	ast 5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
10. Mr. Chatri Chinthammit	40	- BBA in Economics, University of The	1.277	Nephew of	2003 - Present	- Director	- Khon Kaen Sugar Industry PLC.
- Director		Thai Chamber of Commerce		President & CEO	2004 – Present	- Director	- Affiliate of KSL Sugar Factories
		- Ms in Computer Science, Bellevue			2000 – Present	- Deputy Managing Director	- KSL IT Center Co.,Ltd.
		University, USA.				(DMD) – Software Departmen	
		- Director Accreditation Program (DAP)			1999 – 2000	- Information System Officer	- Tamaka Sugar Industry Co., Ltd.
		(21/2004) by IOD					
		- Successful FORMULATION &					
		Execution Program (SFE) (9/2010) by					
		IOD					
		- TLCA Executive Development					
		Program (EDP) (1/2008) by TLCA					

			% of	Relation among		Work experience dur	ing past 5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
11. Mr.Chalush Chinthammit	45	- BBA in Finance and Banking,	0.962	Nephew of	2004 - Present	- Director and Assistant	- Khon Kaen Sugar Industry PLC.
- Director and		Assumption University		President & CEO		Vice President	
Executive Director		- MBA in Finance and Banking,			1994 - Present	- Director and Assistant	- Affiliate of KSL Sugar Factories
- Vice President- Business		Mercer University, USA.				Vice President	
Development		- Director Accreditation Program (DAP)			2003 - Present	- Director	- Khon Kaen Alcohol Co.,Ltd.
- Risk Management Committee		(21/2004) by IOD			2003 - Present	- Director	- Khon Kaen Sugar Power Plant Co.,Ltd.
		- Capital Market Academy Program 10			2003 - Present	- Director	- KSL Material Supplies Co.,Ltd.
(Authorized Director)					2006 - Present	- Director	- KSL. Agro and Trading Co., Ltd.
March 2004					2006 - Present	- Director	- Savannakhet Sugar Corporation
					2002 - Present	- Director	- KSL Export Trading Co.,Ltd.
					1997 – Present	- Managing Director	- KSL Real Estate Co.,Ltd.
						Other Organizations	
					2003 - Present	- Director	- The Cane and Sugar Act B.E.2527
							Committee
					2007 - Present	- Deputy Secretary-	- Thai Sugar and Bio-Energy Producers
						General	Association
					2001- Present	- Director	- Thai Sugar Miller Co.,Ltd.
					1996 – Present	- Director	- Chengteh Chinaware (Thailand) Co.,Ltd.
1.Mr. Chayapat Chinthammit			0.246	Minor Children	1996 – Present	- Director	- Onnuch Construction Co.,Ltd.
2.Mr. Chatchapee Chinthammit			0.246	Minor Children	Jul 2007- Present	- Director	- Thai Sugar Terminal PLC. And subsidairies
3.Miss. Chollapim Chinthammit			0.006	Minor Children	Present	- Director	- TS Flour Mill PLC.

			% of share	Relation among		Work experience duri	ing past 5 years
Name/Position/Date of Appointment	Age	Education Background	holding	family within company	Period	Position	Company/Type of Business
12. Mr. Sukhum Tokaranyaset	66	- Vocational Certificate,	1.570	-	2004 - Present	- Director and	- Khon Kaen Sugar Industry PLC.
- Director and		Kitti Commerce College				Senior Vice President	
Executive Director		- Director Accreditation Program			1972 - Present	- Director and	- Affiliate of KSL Sugar Factories
- Senior Vice President –		(DAP) (18/2004) by IOD				Senior Vice President	
Accounting & Finance					2002 – Present	- Vice Chairman	- KSL Export Trading Co.,Ltd.
March 2004						Other Organizations	
					2002 - Present	- Director	- TFI Green Biotech Co.,Ltd.
					2000 – Present	- Director/ Assistant	- Thai Fermentation Industry Co.,Ltd.
						Managing Director	
					2000 - Present	- Vice Chairman	- Rajaporcelain Co.,Ltd.
					1998 – Present	- Vice Chairman	- Chengteh Chinaware (Thailand) Co.,Lto
					1989 - Present	- Executive Director	- KSL Real Estate Co.,Ltd.
					1989 - Present	- Executive Director	- Champion Fermentation Co.,Ltd.
					2006 - Present	- Director	- KSL. Agro and Trading Co., Ltd.
					2004 – Present	- Managing Director	- Chantaburi Starch Co., Ltd
					2008 – Present	- Managing Director	- Chantaburi Starch and Power Co., Ltd
					2006 – Present	- Director	- Koh Kong Sugar Industry Co., Ltd.
					2002 – Present	- Executive Director	- Raja Product Co., Ltd.
					2010 - Present	- Executive Director	- Raja Solar Material Co., Ltd.

			% of share	Relation among		Work experience	during past 5 years
Name/Position/Date of Appointment	Age	Education Background	holding	family within	Period	Position	Company/Type of Business
				company			
13. Mr.Thawatchai Rojanachotikul	59	- BBA in Business Administration,	1.243	-	2004 - Present	- Director and Senior	- Khon Kaen Sugar Industry PLC.
- Director and Executive Director		Auckland Technical institute,				Vice President	
- Senior Vice President – Administration		New Zealand			1974 - Present	- Director and Senior	- Affiliate of KSL Sugar Factories
		- Director Accreditation Program (DAP)				Vice President	
March 2004		(17/2004) by IOD			2006 - Present	- Director	- Savannakhet Sugar Corporation
					2006 - Present	- Director	- KSL. Agro and Trading Co., Ltd.
					2002 - Present	- Director	- TFI Green Biotech Co.,Ltd.
					2000 – Present	- Director/ Assistant	- Thai Fermentation Industry Co.,Ltd.
						Managing Director	
					1998 - Present	- Director	- KSL Export Trading Co.,Ltd.
					1989 – Present	- Director	- Champion Fermentation Co.,Ltd.
					1989 – Present	- Director	- KSL Real Estate Co.,Ltd.
Mrs. Kodchakon Rojanachotikul			0.396	spouse	1987 - Present	- Director	- Chengteh Chinaware (Thailand) Co.,Ltd

			% of share	Relation among		Work experience during pa	st 5 years
Name/Position/Date of Appointment	Age	Education Background	holding	family within	Period	Position	Company/Type of Business
				company			
14.Mr. Somchat Chinthammit	55	- B.Eng in Mechanical,	0.509	-	2004 - Present	- Director	- Khon Kaen Sugar Industry PLC.
- Director		King Mongkut's University of Technology			2007 – 31 October 2012	- Chairman of Risk	- Khon Kaen Sugar Industry PLC.
- Risk Management Committee		Thonburi				Management Committee	
		- MIM in Marketing, Thammasat University			1 Nov 2013 – Present	- Remuneration	- Khon Kaen Sugar Industry PLC.
March 2004		- MBA./Marketing, Chulalongkorn				Committee	Subsidiary
		University			2004 - Present		- New Krung Thai Sugar Factory
		- Director of Accreditation Program (DAP)			2000 – Present	- Director	Co., Ltd.
		(17/2004) by IOD			2000 – Present	- Director	- Tamaka Sugar Industry Co., Ltd.
		- Directors Certification Program (DCP)				- Director	- New Kwang Soon Lee Sugar
		(55/2005) by IOD					Factory Co., Ltd.
		- Audit Committee Program (ACP)			2005 - Present	Other Organization	
		(8/2005) by IOD				- Independent Director	- UOB Kay Hian Securities
							(Thailand) PLC.

			% of	Relation among		Work experience during p	ast 5 years
Name/Position/Date of	Age	Education Background	share	family within	Period	Position	Company/Type of Business
Appointment			holding	company			
15. Mr. Pramoon Vichiensin	83	- LL.B., Thammasat University	-	-	2004 - 23 Sep 2010	- Chairman of Audit Committee	- Khon Kaen Sugar Industry PLC.
- Independent Director		- Certificate in Executive Development			24 Sep 10- Present	- Audit Committee	- Khon Kaen Sugar Industry PLC.
- Audit Committee		from NIDA			2006 – Present	- Nomination and Remuneration	- Khon Kaen Sugar Industry PLC.
- Nomination and Remuneration		- Director of Accreditation Program				Committee	
Committee		(DAP) (11/2004) by IOD			1998 - Present	- Qualify person in Law	- Bangkok Metropolitan Administration
		- Certificate in Audit Committee			2002 -2003	- Advisor on President	- The Constitutional Court
March 2004		Program (ACP) (10/2005) by IOD			2001 – 2002	- Secretary on President	- The Constitutional Court
		- Improving The Quality of Financial			1998 -2000	- Secretary on Judges	- The Constitutional Court
		Reporting (GFR) (4/2006) by IOD			1989 – 1990	- Tax Law Specialist	- Revenue Department of Thailand
					1987 - 1998	- Subcommittee	- Office of The National Counter
							Corruption Commission

			% of	Relation among		Work experience 5 yea	rs up
Name/Position/Date of Appointment	Age	Education Background	share	family within	Period	Position	Company/Type of Business
			holding	company			
16.Pol.Gen.Boonpen Bumpenboon	69	- LL.B., Sukhothai Thammathirat University	-	-	2004 – Oct 2012	- Audit Committee	- Khon Kaen Sugar Industry PLC.
- Independent Director		- BBA in Public Administration,			2006 - Oct 2012	- Chairman of Nomination	- Khon Kaen Sugar Industry PLC.
- Chairman of Risk Management		Royal Police Cadet Academy				and Remuneration	
Committee		- Diploma, National Defence College (37)			Nov 2012 - Present	- Chairman of Risk	- Khon Kaen Sugar Industry PLC
- Corporate Governance Committee		- MPA./ Public Administration, NIDA				Management Committee	
Λ		- Director Accreditation Program (DAP)			1 July 2013 - Present	- Corporate Governance	- Khon Kaen Sugar Industry PLC
March 2004		(11/2004) by IOD				Committee	
					2004 – 2005	- Deputy Commissioner -	- Royal Thai Police
						General	
					2006 - Present	- Council of State	- Office of the Council of State

			% of	Relation among		Work experience during pas	t 5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
17. Mr. Sitti Leelakasamelurk	60	- BA in Accounting,	-	-	2004 – Sep 2010	- Independent Director	- Khon Kaen Sugar Industry PLC.
- Independent Director		Chulalongkorn University			2007 – Present	- Audit Committee	- Khon Kaen Sugar Industry PLC.
- Chairman of Audit Committee		- Director Accreditation Program			24 Sep 10 – Present	- Risk Management Committee	- Khon Kaen Sugar Industry PLC.
- Risk Management Committee		(DAP) (11/2004) by IOD			2004 - Present	- Chairman of Audit Committee Other Listed Companies	- Khon Kaen Sugar Industry PLC.
March 2004						- Executive Vice President	- Noble Development PLC.
					1991 – Present	Support Line1	
						- Vice Chairman	- Noble Development PLC.
					1994 – Present	- Member of the Nomination	- Noble Development PLC.
					2009 – Present	Committee and Member of the	
						Remuneration Committee	
						Other Organizations	
					1995 – Present	- Director	- Continental City Co.,Ltd.
					1996 – Present	- Director	- Research and Consultant Co.,Ltd.
					2005 – Present	- Director	- BAN SUK SABAI Co., Ltd.
					2012 - Present	- Director	- NK Energy Co., Ltd.
					2013 – Present	- Director	-S&P Property Management Co.,Lto

						Work experience during	past 5 years
Name/Position/Date of	Age	Education Background	% of	Relation among	Period	Position	Company/Type of Business
Appointment			share	family within			
			holding	company			
18. Mrs. Intira Sukhanindr	67	- Certificate of Secretary,	0.566	Elder Sister of	1976 – Present	- Senior Vice President	- Khon Kaen Sugar Industry PLC.
- Director and Executive Director		Melbourne, Australia		President & CEO	1968 – Present	- Senior Vice President	- Affiliate of KSL Sugar Factories
- Vice President – Business		- Director Accreditation Program (DAP)			2003 – Present	- Director	- Champion Fermentation Co.,Ltd.
Development		(50/2006) by IOD			2004 – Present	- Director	- Thai Fermentation Industry Co.,Ltd.
					Present	- General Manager	- KSL Export Trading Co.,Ltd.
June 2010					2005 - Present	- Director	- Sub Sri Thai Warehouse PLC.
					25 Jun 2010 –Present	- Director	- Khon Kaen Sugar Industry PLC.
					2010 - Present	- Director	- KSL. Agro and Trading Co.,Ltd.
					2010 – Present	- Director	- Khon Kaen Sugar Power Plant
							Co.,Ltd.

			% of	Relation among		Work experience during pa	st 5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
19. Mr. Karun Kittisataporn	66	- Bachelor of Commerce &	-	-	2003 – Present	- Director	- Khon Kaen Sugar Industry PLC.
- Independent Director		Administration Victoria University of			27 Feb 2010 – Present	- Independent Director	- Khon Kaen Sugar Industry PLC.
- Nomination and Remuneration		Wellington, N.Z. (under Colombo Plan			1 Nov 2012 - Present	- Nomination and	- Khon Kaen Sugar Industry PLC.
Committee		Scholarship)				Remuneration Committee	
- Audit Committee		- M.A. (International Trade) , Syracuse			1 Nov 2012 - Present	- Audit Committee	- Khon Kaen Sugar Industry PLC.
- Corporate Governance		Univ. USA. (under USAID Scholarship)			1 July 2013 - Present	- Corporate Governance	- Khon Kaen Sugar Industry PLC.
Committee		- Commercial Policy Course, GATT,				Committee	
		Geneva			2008 – Present	- Independent Director /	- Bank of Ayuthaya PLC.
February 2010		- National Defense College, Class 388				- Chairman of Nomination and	- Bank of Ayuthaya PLC.
		- Director Certificate Programme,				Remuneration Committee	
		Institute of Directors			2009 – Present	- Independent Director/	- Central Pattana PLC.
		- Role of the Compensation Committee				- Nomination and	- Central Pattana PLC.
		Program				Remuneration Committee	
		- Financial Statements for Directors			2011 – Present	- Audit Committee	- Central Pattana PLC.
		Program			2008 - Present	-Audit Committee	- Sahamit Machinery PLC.
		- Audit Committee Program				Other Organizations	
					2001 – 2007	- Permanent Secretary	- Ministry of Commerce
					2006 – Present	- Member	- Council of State
					2008 – Present	- Executive Chairman	- The Support Art and Crafts
							International Centre of Thailand
					2007 – Present	-Commissioner	- The Insurance Commission

			% of	Relation among		Work experience during past	5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
20. Mr. Warapatr Todhanakasem	64	- LL.B. Thammasat University	-	-	Feb 2010 – Present	- Independent Director	- Khon Kaen Sugar Industry PLC.
- Independent Director		- B.Econ. (1 <sup>st</sup> Class Honor)			Nov 2012 – Present	- Risk Management Committee	- Khon Kaen Sugar Industry PLC.
- Risk Management Committee		Thammasat University			Nov 2012 – Present	- Audit Committee	- Khon Kaen Sugar Industry PLC.
- Audit Committee		- M.B.A. in Finance Kellogg School			1 July 2013 - Present	- Chairman Good Corporate	- Khon Kaen Sugar Industry PLC.
- Chairman Corporate Governance		of Management, Northwestern				Governance Committee	
Committee		University, Evanston, Illinois, USA.				Other Organization	
		- M.S. in Economics University of			2009 - Present	- Chairman and Independent	- Prinsiri PIC.
		Illinois, Urbana-Champaign, USA.				Director	
February 2010		- Ph.D. in Business Economics			Aug 2012-Present	- Director	- Amata VN PLC.
		University of Illinois, Urbana-			Feb 2012-Present	- Director	- True Corporation Public Co., Ltd
		Champaign, USA			Jun 2012 – Present	- President	- Institute of Research and
							Development for Public
							Enterprises of Thailand (IRDP)

			% of	Relation among		Work experience during past	5 years
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business
21. Ms. Nongluck Phinainitisart	54	- Bachelor Degree in Electrical	-	-	Feb 2010 – Present	- Audit Committee	- Khon Kaen Sugar Industry PLC.
- Independent Director		Engineering, Chulalongkorn University					
- Audit Committee		- Master Degree in Electrical			1 July 2013 - Present	- Good Corporate Governance	- Khon Kaen Sugar Industry PLC.
- Corporate Governance Committee		Engineering, University of Missouri,				Committee	
		U.S.A.				Other Organizations	
February 2010		- Doctorate Degree in Electrical			4 Dec.2012- Present	- Director	- Government Savings Bank
		Engineering, Chulalongkorn University			Feb. 2012- Present	- Vice Chairman	- Thailand Post Co., Ltd.
		- Director Accreditation Program (DAP)			2011 – Nov. 2012	-Chairman of Audit committee	- Government Saving Bank
		Class 4/2003 by IOD			2011 – Nov. 2012	-Director	- Government Saving Bank
		- Director Certification Program (DCP)			Jan 2012-Present	- Chief Commercial Officer	- Thaicom PLC.
		Class 71/2006 by IOD			2000 – Present	- President	- Thaicom PLC.
		-Executive Program, Harvard			2007 - Present	- Executive Director	- Thaicom PLC.
		University, USA			2007 – 2008	- Director	- Thaicom PLC.
					2000 – 2006	- Executive Director	- Shin Satellite PLC.
					1995 – 2006	- Director	- Shin Satellite PLC.
					1999 – 2000	- Executive Vice President	- Shin Satellite PLC.
					1995 – 1998	- Vice President	- Shin Satellite PLC.
					1991 – 1995	- General Manger	- Shin Satellite PLC.
					1982 - 1991	- Communication Engineer	- Thailand Post

	% of Relation among Work e					Work experience during pas	Vork experience during past 5 years					
Name/Position/Date of Appointment	Age	Education Background	share holding	family within company	Period	Position	Company/Type of Business					
22. Mr. Chanachai Chutimavoraphand	41	- CFA Charterholder,	2.603	Sons of Mr.Prapas	November 2012- Present	- VP Accounting & Finance	- Khon Kaen Sugar Industry PLC.					
- VP Accounting & Finance		Association for Investment		Chutimavoraphand			and subsidiaries					
		Management and Research		Senior Vice	2003 - November 2012	- AVP Accounting & Finance	- Khon Kaen Sugar Industry PLC.					
		(AIMR)		President -			and subsidiaries					
		- Certificate of Director Accreditation		Administration SVP	2004 - Present	- Director	- Khon Kaen Alcohol Co., Ltd.					
		Program (DAP 37/2005)			2006 - Present	- Director	- Koh Kong Sugar Industry Co., Ltd.					
		- Bachelor Degree of Engineering			2006 - Present	- Director	- Savannakhet Sugar Corporation					
		Chulalongkorn University.			2003 - Present	- Director	- KSL Material Supplies Co., Ltd.					
		- Bachelor of Law, Chulalongkorn										
		University.				Other Organization						
		- Master Degree of Business			2000 - Present	- Executive Director	- Thai Sugar Terminal PCL					
		Administration, Tennessee				/Nomination & Remuneration						
		University, U.S.A.				Committee						
		- Master Degree of Arts, Business			2000 - Present	- Executive Director	- T S Warehouse Co., Ltd.					
		Law. Chulalongkorn University.			2000 - Present	- Executive Director	-T S G Asset Co., Ltd.					
					2000 - Present	- Executive Director	-T S Oil Industry Co., Ltd.					
					2000 - Present	- Executive Director	-T S Transport and Logistics Co., Ltd.					
					2000 - Present	- Executive Director	- T S Flour Mill PCL					
					1996 - Present	- Director	- Onnuch Construction Co., Ltd.					

Remark: Affiliate KSL Sugar Factories:

(1) Tamaka Sugar Industry Co., Ltd. (2) New Krung Thai Sugar Factory Co., Ltd. (3) New Kwang Soon Lee Sugar Factory Co., Ltd.

## Name of Directors in Subsidiaries and Associates of Khon Kaen Sugar Industry PLC. on Oct 31,2013

		Position														
Nan	ne	Khon Kaen Sugar Industry PLC.	Subsidiaries and Associates													
		Khon Kaen Sugar muustry i Eo.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Mr.Manu	Leopairote	Chairman	х	х	х											
2. Mr.Chamroon	Chinthammit	Director / President and CEO	//	//	//		x	х	х	х	х	х	х	х		х
3. Mr.Prapas	Chutimavoraphand	Director / Executive Director	//	//	//	//		/			/					
4. Mr.Pornsin	Thaemsirichai	Director / Executive Director	//	//	//			/	/	/				/	х	
5. Mr.Sukhum	Tokaranyaset	Director / Executive Director	//	//	//		/				/	/	/			/
6. Mr.Thawatchai	Rojanachotikul	Director / Executive Director	//	//	//		/				/	/	/	/		
7. Mrs.Intira	Sukhanindr	Director / Executive Director	//	//	//			/				/	/			
8. Ms.Duangdao	Chinthammit	Director / Executive Director/ Nomination and Remuneration Committee	//	//	//					/	1		/			
9. Mr.Somchai	Chinthammit	Director / Executive Director	//	//	//	/		/	/			/				
10. Ms.Duangkae	Chinthammit	Director / Executive Director	//	//	//											
11. Mr.Somchart	Chinthammit	Director / / Nomination and Remuneration Committee	/	/	/											
12. Mr.Tachpong	Pakornsiriwongse	Director / Executive Director	//	//	//										/	
13. Mr.Chalush	Chinthammit	Director / Executive Director/ Risk Management Committee	//	//	//	/	/	/	/	/	/		/	/	/	<u> </u>
14. Mr.Chatri	Chinthammit	Director	/	/	/											<u> </u>
15. Mr.Trakarn	Chunharojrit	Executive Director / Secretary	//	//	//			/	/	/	/		/			
16. Mr.Pramoon	Vichiensin	Independent Director / /Chairman Nomination and Remuneration Committee														
17.Pol.Gen.Boonpen	Bumpenboon	Independent Director // /Chairman Risk Management Committee/CG Committee														
18. Mr.Sitti	Leelakasemlurk	Independent Director / Chairman of Audit Committee/ Risk Management Committee														
19. Mr.Karun	Kittisataporn	Independent Director / / Audit Committee /CG Committee														
20. Mr.Warapatr	Todhanakasem	Independent Director/Chairman CG Committee / Risk Management Committee/ Audit Committee														
21.Ms.Nongluck	Phinainitisart	Independent Director / Audit Committee/CG Committee														
22. Mr.Chanachai	Chutimavoraphand	Vice President				//			/	/			/	/		/
23. Mr.Theera	Sanguandeekul	Vice President							/	/				/		/
24. Mr.Wiraj	Chunfong	Assistant Vice President								/				/		
25. Mr.Narong	Jitnomrat	Assistant Vice President												/		

Name		Position														
		Khan Kaan Sunan Industry DI C	Subsidiaries and Associates													
		Khon Kaen Sugar Industry PLC.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
26. Mr.Piripon	Chinthammit	Assistant Plant Director									/		/	/	/	
27. Mr.Thirapong	Nacasaksevee	Senior Sales Manager / Manging Director											/			

#### \*\*NOTE :

1)

Symbols	Position
Х	Chairman
/	Director
//	Executive Director

- 2) Name of Subsidiaries and Associates
  - 1. Tamaka Sugar Industry Co.,Ltd.
  - 2. New Krung Thai Sugar Factory Co.,Ltd.
  - 3. New Kwang Soon Lee Sugar Factory Co.,Ltd
  - 4. Thai Sugar Terminal Plc.
  - 5. KSL Export Trading Co.,Ltd.
  - 6. Khon Kaen Sugar Power Plant Co.,Ltd.
  - 7. Khon Kaen Alcohol Co.,Ltd.
  - 8. KSL Material Supplies Co.,Ltd.
  - 9. KSL Real Estate Co.,Ltd.
  - 10. Champion Fermentation Co.,Ltd.
  - 11. KSL Agro and Trading Co.,Ltd.
  - 12. Savannakhet Sugar Corporation
  - 13. Koh Kong Plantation Co.,Ltd.
  - 14. Koh Kong Sugar Industry Co.,Ltd.

# **Details of Internal Audit Supervisor**

### Mr. Siwarak Phinicharomna

Education:	Bachelor of Arts in Political Science, Chiang Mai University							
	Master of Arts in Public Administration, Minnesota State University							
	Accounting Diploma, University of California Los Angeles							
	Professional Certificates: CAL. CPA, IRS.EA, CIA, CFE & CIFRS							
Career:								
Present	Assistant Director of Internal Audit, ThaiCom Group (Public Company Limited)							
	Director and Chairman of the Audit Committee, Toyota (Thailand) Public Company							
	Limited							
Past	Senior Assistant Executive Director of Internal Audit Committee, KSL Group (Public							
	Company Limited)							
	System Development Consultant, Thonburi Panich Group							
	Vice President of Accounting and Finance, Digital Phone Co. Ltd.							
	Director of Financial Management, Shinawatra International Public Company Limited							
	Financial Controller for Los Angeles District, CA. Borg-Werner Company, USA.							
	Director of the Institute of Internal Auditors of Thailand							
	Director of Accounting Management of the Federation of Accounting Professions							
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