

























2016 - 2017 SUSTAINABILITY REPORT

LEO PAPER GROUP

- BEING A GLOBAL GREEN PRINTER
- SOCIAL RESPONSIBILITY
- INNOVATION AND OPERATIONS EXCELLENCE



About this Report

Editor's Remarks

This is our 8th environmental and social/sustainability report which covers our activities in 2016 and selected data from the first quarter of 2017. This report describes our corporate social responsibility efforts and performance during the reporting period. It covers standard disclosures defined in the Global Reporting Initiative (GRI) Sustainability Reporting Guidelines Version 4 (G4) and the Hong Kong Exchanges (HKEX) Environmental, Social and Governance Reporting Guide (ESG). HKEX ESG is a guideline newly applied this year. All data included in this report is verified by an independent 3rd party verification body HKQAA.

Reporting Period

This report covers the 2016 calendar year, and selected data from January to March 2017.

Frequency of Reporting

Annual

Reporting Organizations

Leo Paper Group Headquarters – Hong Kong Office, Heshan Astros printing plant.

Unless specified, the figures in this report show the information for the Heshan Astros printing plant.

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Reference

Global Reporting Initiative (GRI*) G4 reporting guidelines

ISO 26000: 2010 Guidance on Social Responsibility

United Nations Global Compact Principles

AA1000 AccountAbility Principles Standard 2008

Hong Kong Exchanges (HKEX) Environmental, Social and Governance Reporting Guide *GRI is an international organization for developing globally applicable guidelines for corporate sustainability reporting.

EDITORIAL POSTSCRIPTS

This Sustainability Report summarizes and reports our most important initiatives from the past year, with a focus on corporate social responsibility initiatives undertaken by our head office and the Heshan Astros production plant.

This report is available on the Environment and Society page of Leo Paper Group's website: www.leo.com.hk

We look forward to receiving your feedback.

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Verification Statement

Chairman's Message

It is always Leo's corporate mission and values to take care of the people around us and to promote a better environment for our next generations. These values shape our engagement with all stakeholders both inside and outside Leo.

Leo has developed our Environmental Management System for more than 16 years. In 2007 we set strategic targets to use fewer resources, energy and materials in all operations in the supply and production chain. Our ultimate goal is to achieve "zero" negative impact to the stakeholders. This ambitious target has always been the key driving force of our never ending improvement.

Throughout the years, Leo continuously reviewed our sustainability initiatives, performance and opportunities for improvement. Since the global norm for sustainability is changing faster than ever before, Leo has adopted new management tools and methods for identifying and carrying out the highest initiatives. These changes make Leo a better enterprise and push us closer to our targets.

Through stakeholder engagement and participation, Leo focuses on wider objectives of sustainable development. We collaborate with our clients to provide environmentally conscious products and packaging. On the other hand we continually work with suppliers to develop different green materials and green technologies. As a leading enterprise in the printing industry, Leo works with global experts to develop international and industrial standards to promote the best practices.

The commitment to provide enduring benefits to society is the force that pushes Leo to improve all operations. We are dedicated to pioneering sustainable development in the industry.

Samuel Leung

Chairman of Leo Paper Group





About Leo Paper Group

As a leading global printer, we take it as our responsibility to strive for sustainable development in the industry. Leo's global presence enables us to better understand the continuously changing global sustainability norms and integrate global initiatives of our own.

With our research, procurement, and manufacturing capabilities, we produce green products in an environmentally and socially conscious way. We are dedicated to working with all stakeholders together in order to achieve collaborative sustainable development across the industry.

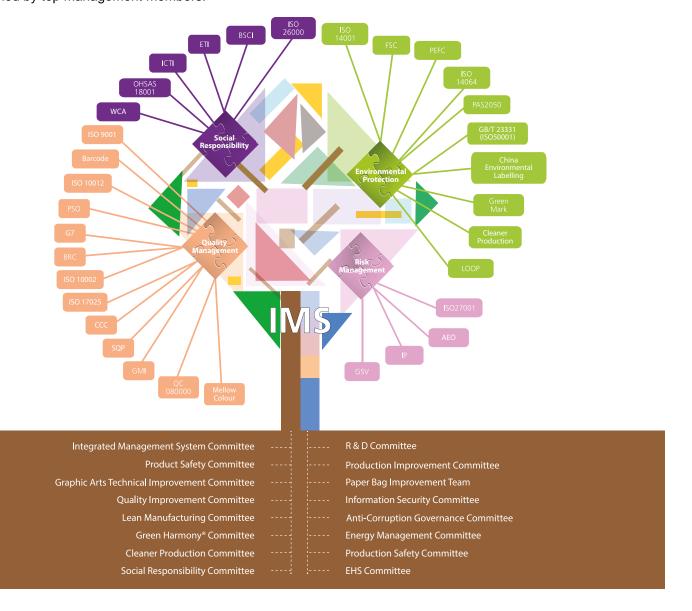
Year of Establishment	• 1982
Headquarters	Hong Kong
Main Manufacturing Plants	Heshan , Guangdong , China
Manufacturing and Warehouse Space	• 5.7 million square feet
Manpower	• 13,000+
Major Product Categories	Books , Games , Gift Items , Packaging , and other paper products .
Subsidiaries that Support Sustainability Solutions	 Heshan Leo Metrology and Testing Services Co. Ltd.: An independently accredited laboratory that provides diversified testing services for our clients and suppliers. Leo United Paper Products Ltd.: A corrugated carton manufacturer that provides solutions for our green packaging and logistics initiatives. ShaoGuan Leo Agroforestry Product Development Limited: Reforest Project was launched on stony desert areas in Shaoguan and restores the land by planting and producing tea seed oil to promote local ecological sustainability.
Global Distribution	U.K. Sales Office (Belgium) New York Sales Office Seattle Sales Office Hong Kong Heshan Heshan Heshan



Our Sustainability Governance

We recognize the importance of maintaining a well-developed system to continuously review and monitor our performance and opportunities for improvement. Leo has developed and maintained a comprehensive system for managing sustainability issues by implementing four categories of management systems that comply with international standards.

The management system categories are Quality Management, Environmental Protection, Social Responsibility, and Risk Management. There are a total of 33 management systems that have been implemented and are being monitored by 16 committees led by top management members.





Comprehensive Solutions for Green Products Production and Labelling • Green Materials

• Energy Management •

Dedicated to Being a Global GREEN Printer

Air Emissions and Waste Management

Participation and Community Engagement • Environmental Indicators



Dedicated to Being a Global GREEN Printer



In the past year, Leo has continued to enhance our green manufacturing capabilities by increasing the use and promotion of green materials, enhancing cleaner production processes, reducing and controlling production waste and emissions, as well as other green initiatives. With our use of greener materials and more environmentally friendly production processes, we manufacture greener products. Our progress is also in line with the global demand for greener products.

Comprehensive Solutions for Green Products Production and Labelling

As a manufacturer, Leo's environmental production capabilities have a direct impact on how our clients can promote their products as green. As an environmental pioneer in the industry, Leo provides comprehensive green solutions to our clients who are dedicated to increasing the portion of environmentally friendly products in the market.

Promotion of Green Products through FSC™ and PEFC™ Certification

FSC[™] is a popular certification scheme for labelling printed paper products as environmentally friendly. Another certification program is PEFC[™] (Programme for the Endorsement of Forest Certification Schemes[™]). By using FSC[™] or PEFC[™] certified and approved materials, the product can be printed with the FSC or PEFC label.



FSC Products Printed by Leo generally carry this label



eo Calendar 2017

HKQAA Hong Kong Registration Eco-friendly Series

"HKQAA Hong Kong Registration – Eco-friendly Series" is a new registration scheme developed by the HKQAA (Hong Kong Quality Assurance Agency), an independent certification organization established by the Hong Kong Government. The scheme aims to encourage the integration of environmental conservation into different life cycle stages of a product, including design, production, delivery, use and disposal.



Leo fully supports this scheme. Our corporate promotional product, the 2017 Leo Calendar, was successfully registered under this scheme in 2016. The 2017 Leo Calendar is also the only product for the printing industry used by the HKQAA for demonstration purposes.

Productwi\$e Certified Products

Productwi\$e is a certification scheme led by the Hong Kong government which aims to benchmark and recognize accomplishments that have successfully reduced environmental impact across the life-cycle of a product.

Leo's promotional product, the 2014 Leo Wall Calendar, was awarded with the Productwi\$e Certificate at the Excellent Level. This certification confirms environmental conservation elements at all stages of the life cycle of a printed paper product.



Leo Wall Calendar 2014

Promotion of Green Products through China Environmental Labelling Scheme

In 2010, we embarked on the development of the China Environmental Labelling Scheme. In 2016, with the significantly increased environmental awareness of Chinese consumers, we put greater effort into the promotion of this scheme. The scheme specifies requirements for different stages in the life cycle of a product, including product design, production, use of the product, recycling, and disposal. Leo's certification in this scheme facilitates our clients to further expand into the Chinese market.



China Environmental Labelling

Green Materials

From an ecological footprint perspective, the manufacturing processes at Leo's production workshop only contribute a small portion of the ecological footprint of a finished product. The product footprint mostly comes from the production process at other places in the supply chain. That's why Leo has put great efforts in the procurement, development and promotion of green materials in the past decade.



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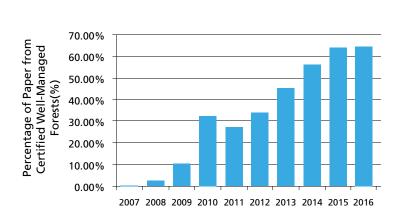
Purchasing Certified and Recycled Paper

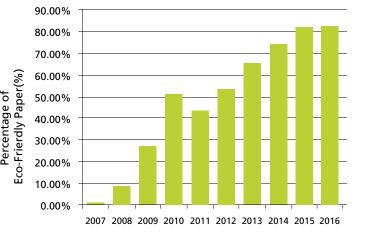
The demand for products with paper from responsibly managed forests is expected to continue to increase in the coming years. Leo will continue to provide greener solutions for our customers to meet market needs. We are also dedicated to promoting green materials and products in the global market.

In 2016, the procurement of eco-friendly paper continued to increase. More than 82% of purchased paper was certified from responsibly managed forests or recycled. By using more eco-friendly paper, we have reduced the ecological footprint of our finished products. This move has also helped our clients to demonstrate due diligence and risk mitigation in response to world-wide regulations, such as, the Lacey Act in the U.S., the EU Timer Regulation, and the Australian Illegal Logging Prohibition Act.

Percentage of Eco-friendly Paper Procurement

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Recycled paper (%)	0.50%	5.99%	16.41%	19.22%	16.70%	20.47%	21.50%	18.53%	18.09%	15.95%
Paper from Certified Well- Managed Forests (%)	0.13%	2.72%	10.70%	32.23%	27.39%	33.75%	45.60%	56.36%	63.94%	66.44%
Total (%)	0.63%	8.71%	27.11%	51.45%	44.09%	54.22%	67.10%	74.89%	82.04%	82.39%







Green Packaging Materials

Over the years, Leo has been working on many different ways to produce greener packaging. One of the important initiatives in recent years for green packaging is the promotion and use of certified recycled materials to produce corrugated carton boxes by our subsidiary company, Leo United Paper Products Ltd.

In 2016, 25% of corrugated carton boxes were made with certified recycled materials, compared with 22% in 2015. This supports more sustainable development in the whole supply chain.



Supplier Assessment and Collaboration

To provide products that are manufactured in a socially and environmentally conscious way, it is important that we purchase materials from suppliers who share the same values.

Through our supplier assessment, we support our suppliers to carry out continuous improvement initiatives that promote sustainable development in the industry. In 2016, 77 on-site supplier audits were conducted based on requirements of environmental performance, product safety, labor and human rights and social responsibility. New suppliers were assessed and selected according to environmental impact, labor practices, human rights performance, and other social criteria.



Distribution of Raw Materials for Corrugated Carton Boxes Production

Energy Management

For the printing industry, energy consumption is of significant environmental importance. Over the years, we have had considerable success reducing energy consumption by upgrading our equipment and improving efficiency. In 2016, our energy efficiency initiatives were focused on replacing outdated or inefficient machines, displacing vacuum generators, overhauling the air compression system of whole factory,

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replacing the central air-conditioning system, modifying forklift driving systems, and upgrading the real-time energy monitoring system.

Upgrade of Printing Presses

With promising results in energy reduction and productivity improvement obtained from the replacement of printing presses in the previous year, we continued this project at our production plant in 2016. An additional 5 state-of-the-art printing presses were purchased to replace 11 outdated models. The replacement resulted in 917,921 kWh reduction each year.



rinting Presses

Replacing Central Air-Conditioning System in Training Room

Air conditioning is a key factor in the overall energy consumption of the factory. We monitor the operation of the air conditioning system throughout the production plant to identify areas where we can improve energy efficiency. In 2016, we replaced a central air-conditioning system in our training room with a packaged-type air conditioner based on our continuous energy monitoring and analysis. This replacement resulted in 107,125 kWh energy reduction.

Replacing Vacuum Generators

With the implementation of our Energy Management System, we monitor the energy consumption of different machines throughout our different workshops closely in order to identify opportunities for energy reduction and efficiency improvement. In 2016, we replaced vacuum generators with vacuum system that centralized the compressed air supply. This replacement resulted in 451,277 kWh energy reduction.



Machine with Vacuum Generato

With the increased use of the air compression system, the possibility of leakage of compressed air at individual stations also increases accordingly, which can lead to a decrease in energy efficiency, productivity, and production quality. In 2016, inspection and preventive maintenance on the air compression system was enhanced. Relevant production machinery was checked twice per week to prevent air leakage. The initiative resulted in 84,614 kWh energy reduction per year.



Air Compression System

Upgrading Real-time Energy Monitoring System

A real-time energy monitoring system was developed in 2014 to monitor our production facilities and the electricity network for a more effective management of energy use. The monitoring includes printing presses, high energy demand facilities such as the air-conditioning system, and the

air compression system. In 2016, the monitoring system was upgraded to provide not only data on real-time energy use, but also analysis of daily and monthly energy consumption that enables the Energy Management Center to identify any abnormality of excessive energy use and rectify immediately. This initiative resulted in 456,261 kWh energy reduction.





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Air Emissions and Waste Management

VOC Emissions Control

For the printing industry, VOC (Volatile Organic Compounds) emissions are a significant component in environmental conservation efforts. It is not an easy task to achieve complete control or zero emissions. However, with our dedication and continuous efforts we have made some encouraging progress.

In 2015, we adopted a new technology combining photodecomposition with catalytic and oxidation processes for VOC Control. This new technology demonstrated a reduction in VOC emissions up to 50%. With such an inspiring result, we gained support from the local government to promote this technology. This initiative will be expanded to other production workshops in 2017.

To achieve our ultimate objective of zero emissions, we focus on applying control to the source of emissions. At a printing workshop, solvent-based raw materials such as inks and varnishes used in printing processes, contribute the largest percentage of VOC emissions. Our objective is to replace these materials with more environmentally friendly materials. In 2016, we identified VOC sources throughout the factory to create a database and preliminary list of alternative materials. We will continue this initiative in 2017.

Water Recycling and Reuse

Water conservation is important for preserving wildlife habitat and ecosystems. To avoid the over-withdrawal of freshwater from the natural environment, Leo's strategy is to promote water reuse throughout the production plant.

Operation of waste water treatment plants at our factory are strictly monitored by designated professionals to ensure that the quality of the treated water meets the Standard B of the national Discharge Standard of Pollutants for Urban Wastewater Treatment Plant (GB18918-2002) and the 1st class Standard of Guangdong Discharge Standard of Waste Water (DB44/26-2001).

Reclaimed water from wastewater treatment plants is mainly used for irrigation and flushing. In 2016, the usage of reclaimed water totaled 27% of total water consumption.







Irrigation with Reclaimed Water

Waste Separation at Source

Source separation of waste is a corporate-wide policy at Leo that encourages Leonians to separate waste for recycling. This policy is promoted at both our production plants and our offices.

In June 2016 the Green Harmony® Committee rolled out a plan to enhance awareness of waste separation and recycling at the production workshops. The plan included conducting on site audits on the effectiveness of waste separation over the whole factory.

In 2016, Leo worked as "Companions" under the scheme of the HKQAA Hong Kong Registration - Recycling Services, which aimed to promote clean recycling and source separation. The pilot Companions came from various industries, and Leo represented the manufacturing sector.





Participation and Community Engagement

Being a leading green printer in the region, we are keen on sharing our environmental practices and values towards sustainable development with the local community to promote these values in our region. In 2016, we shared our experience with the local community through participation in local initiatives and schemes that aimed to encourage greater environmental involvement throughout the region.

BOCHK Corporate Environmental Leadership Awards Programme

The BOCHK Corporate Environmental Leadership Awards Programme is jointly organized by the Federation of Hong Kong Industries and the Bank of China (Hong Kong). The Awards Programme aims to encourage enterprises in the manufacturing and service sectors in Hong Kong and the Pan-Pearl River Delta region to improve their environmental performance.

To better understand the environmental work and green technologies employed at Leo, the Federation of Hong Kong Indus-

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tries (FHKI) Chairman and FHKI members completed a site visit at our Heshan Astros plant in Oct 2016. During the visit, our Green Harmony® Committee members shared our successful project experience, including heat recycling systems, ice storage air-conditioning systems, our real-time energy management center, the VOC emissions control center, wastewater treatment and recycling. We also shared our corporate environmental values, philosophy, latest initiatives, and future plans.













Ice Storage Air-Conditioning System



Hong Kong – Guangdong Cleaner Production Programme

Improving air quality in the regional environment requires cross-regional collaboration from different stakeholders. The Environment Bureau of the Hong Kong government, together with the Economic & Information Technology Commission of Guangdong Province, and the major trade and industry associations in Hong Kong launched the Cleaner Production Partnership Programme in 2008. The programme aims to encourage and facilitate Hong Kongowned factories in the Pearl River Delta region to adopt cleaner production technologies and practices.

In 2009, Leo was recognized as a Hong Kong-Guangdong Cleaner Production Partner under the scheme. In 2016, we were recognized as a Hong Kong – Guangdong Cleaner Production Excellent Partner, for our continued pursuit and promotion of cleaner production technologies and practices.

The programme has been a useful platform for us to communicate with enterprises in the region regarding environmental issues. With advice and technical support provided, the programme has successfully promoted wider adoption of cleaner production technologies in different industries in the region.

Being a Founding Member of the China Green Development Union (CGDU)

In April 2016, Leo participated in the 2016 Green Development of Enterprises Summit with the Alliance for a Green Development Inauguration held in Beijing. Leo became one of the fifty Alliance for a Green Development founding council members.

The Alliance for a Green Development aims to strengthen the collaboration among enterprises, governmental departments, research institutes, and other leaders to encourage the green movement and sustainable development in China.



Founding Member of the Alliance for a Green Development



Hong Kong – Guangdong Cleaner Production

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Environmental Indicators

(Heshan Astros Printing Plant)

Water Consumption and Recycling

Water Consumption	2012	2013	2014	2015	2016
Fresh Water (ton)	1,926,534	1,693,881	1,702,729	1,702,729	1,555,264
Total Water (ton)	2,248,728	2,069,077	1,859,838	2,037,527	2,119,133
Reclaimed Water (ton)	322,194	375,196	157,109	334,798	563,869
Reclaimed Water (%)	14.33%	18.13%	8.45%	16.43%	26.61%

Total water consumption is sum of fresh water consumption and reclaimed water consumption

Waste Generation and Reduction

Indicator	Units	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Waste Generation	tons	54,885	56,555	45,345	43,325	41,395	41,378	44,323	44,720	45,993	51,337
	improvement since 2007 (%)	0.00%	-3%	13%	21%	24.60%	24.60%	19.2%	18.5%	16.2%	6.5%
Hazardous	tons	2,306	1,979	1,132	1,060	952	990	799	421	828	838
Waste Generation	improvement since 2007 (%)	0.00%	17.10%	48.50%	54.00%	58.70%	57.10%	65.4%	81.7%	64.1%	63.6%

Recycled Paper and Paper from Certified Well-Managed Forests

Indicator	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Percentage of Recycled Paper	0.50%	5.99%	16.41%	19.22%	16.70%	20.47%	21.50%	18.53%	18.09%	15.95%
Percentage of Paper from Certified Well-Managed Forests	0.13%	2.72%	10.70%	32.23%	27.39%	33.75%	45.60%	56.36%	63.94%	66.44%
Total	0.63%	8.71%	27.11%	51.45%	44.09%	54.22%	67.10%	74.89%	82.04%	82.39%

Greenhouse Gas Emissions 2016

Indicator	2016
Direct Carbon Dioxide Equivalent (CO2e) Emissions (Fuel, LPG, Waste Water Treatment Plant, etc.) (ton):	3926
Indirect Carbon Dioxide Equivalent (CO2e) Emissions (Purchased Electricity Consumed) (ton):	58430
Indirect Carbon Dioxide Equivalent (CO2e) Emissions (Air Travel) (ton):	36
Total (ton):	62392



Occupational Health and Safety • Staff Training and Education

Governance and Anti-Corruption

Dedicated to Social Responsibility

Working and Living in Contentment

Community Engagement • Social and Economic Indicators



Dedicated to Social Responsibility



At Leo, our slogan "People as Our Foundation" does not mean only Leonians, but also people in our greater sphere of influence, especially those in the community where we are located.

We are dedicated to corporate social responsibility by ensuring good corporate governance, caring for all Leonians and their contentment, and promoting such values and initiatives to the greater community.

Occupational Health and Safety

Safety Training

Safety training is crucial for our performance in the area of occupational health and safety. It helps to ensure the competence of our employees and promote a positive health and safety culture. In 2016 safety training focused on key elements including fire safety, machine operation safety, chemical and hazardous substances handling, use of personal protection equipment, workplace safety, road safety and inclement weather safety precautions.

Safety Training - Machinery Operations

Adequate safety awareness and knowledge of machine operations facilitate the prevention of injury when using and repairing machines. In 2016, we provided safety training each quarter to new machine operators. A total of 1,678 employees participated in the training with topics focused

on identification of machinery hazards, machine safeguarding, proper operations of machinery, case studies and lessons learned from typical injury cases.



Safety Open Day

Safety Training - Motor Vehicles

In 2016, external experts were invited to provide a training session on motor vehicle safety to 282 employees in our factory. The training focused on routine check and maintenance, driving safety and other preventive safety measures for motor vehicles. It also aimed to prevent traffic accidents inside the factory.

Safety Training – Gas Cylinders

To enhance gas cylinder safety management within different locations of the factory, we arranged a special training program for 32 gas cylinder operators and management staff in 2016. The training topics included introduction to



the gas cylinder, safety precautions, case studies and lessons learned from gas cylinder operations.

Safety Training - Hazardous Chemicals

In 2016, we provided two training sessions on hazardous chemicals with topics focusing on storage, use, transportation, and emergency handling of chemicals. A total of 144 employees participated in the training.



Hazardous Chemicals Training

Safety Training - Fire Equipment

For better emergency preparedness, fire services training is provided to our employees periodically. In 2016, we held a training and organized practical exercises covering topics of general fire prevention knowledge, use of firefighting equipment, and evacuation procedures. A total of 706 employees participated in the training.

Safety Training – Personal Protective Equipment

To promote the knowledge and use of Personal Protective Equipment (PPE), we invited PPE professionals to arrange a roadshow training for our frontline supervisory employees at different workshops throughout the factory in 2016. During the roadshow, the PPE experts introduced topics such as selection, use, fit-testing, and management of different protective equipment. A total of 175 supervisors and employee representatives participated in the roadshow.







Fire Equipment Training

Dedicated to Social Responsibility



Safety Promotion Safety Open Day

In 2016, safety promotion was carried out by running a Safety Open Day at our Heshan Astros Printing Plant. The event was organized with support from different government departments including the Heshan Safety Monitoring Bureau, Heshan Fire Services Department, Heshan Transportation Department. Police Department, and other relevant organizations. Topics covered during the Safety Open Day included, among others, fire safety, road safety, and occupational and health safety.

During the event, safety awareness was promoted in an interactive way. Participants learned safety tips, as well as expressed their views on safety issues related to their jobs and daily activities through mobile apps such as the "Safety Suggestions Wall" and "Finding-out Safety Blind Spots". Other promotional methods, such as posters, signboards, and pamphlets were also used during the open day.

This large-scale initiative was very successful. There were more than 3,000 participants in total. More than 4,700 pamphlets were distributed and about 300 suggestions were collected.

Road Safety on Sessional Holiday

The Chinese New Year is a peak season for road traffic. To promote safety awareness of road traffic during the holiday. we organized an open day in January 2017 to explore the issue. The local Police Traffic Team was invited to provide road safety advice and guidance. Pamphlets about safe driving, pedestrian safety, and road traffic regulations were distributed to participants.

Safety Promotion Materials

To facilitate frontline operators and managerial staff to have an overview of basic safety requirements in different areas, a series of safety promotional pamphlets were developed in 2016. The pamphlets covered issues of fire safety, machine safety, electrical safety, chemical safety, and personal protection equipment, among other topics.



Safety Open Day

Safety Inspection and Operations Control Machinery Safety Check

Manual Punching Machine Safety is one of our significant safety concerns. Over the years, comprehensive efforts such as machine safeguards and trainings have been made to prevent injuries. This year, a special emphasis was placed on machine maintenance and safety inspection. Machine operators are required to conduct routine checks on the machines. A procedure specifically for operators of manual punching machines was developed. Operators are required to follow the procedure and undertake routine checks regularly. The inspection is further verified through a monthly and quarterly EHS (Environmental Health and Safety) audit.







Hearing Protection Fit Testing for Employees

Hearing Protection Check and Use of PPE

Proper use of Personal Protection Equipment (PPE) is an important area of our safety control measures. Hearing protection and the use of earplugs were further enhanced in 2016. We organized a hearing conservation seminar and invited experts to demonstrate proper use of protective earplugs in workplace. Fit testing of hearing protection in actual workplace conditions was conducted for relevant employees. Noise reduction levels resulting from proper fitting and improper fitting earplugs was demonstrated to the participants.

Emergency Preparedness Drills

Drills and exercises are critical to train our employees in how to respond in the event of emergency. These drills include receiving, relaying, and dispatching accurate information, as well as evacuation procedures, first aid, and more. In 2016, the Production Safety Committee organized a series of emergency response drills. The drills were jointly organized by the Automation Facilities Development Department, Repairs and Maintenance Department, Fire Services Team, Security Team, Labour Protection Team, Warehouse Department and production departments. The following list of drills and exercises were completed in 2016:

- Traffic incident emergency drill
- Hazardous material spill and fire emergency drill
- Elevator emergency drill
- Machinery injury rescue drill

Dedicated to Social Responsibility

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Leo's Fire Fighting Team

Leo has its own firefighting team made up of well-trained fire fighters. The team has passed a wide range of special training to ensure they are well qualified to carry out their duty safely and effectively. This team not only ensures Leo's fire safety, but also takes the responsibility to protect nearby areas in the community to prevent the threat and devastation in case of fire emergencies.

In 2016, a large-scale fire drill was held at our Heshan Astros Printing Plant organized by the Jingmen fire service department. Fire brigades from nearby areas participated in the drill. The drill provided our firefighting team an opportunity to collaborate with other fire service teams in the region, as well as improve the response to fire emergencies, and raise our employees' safety awareness.



Fire Drill Held at Heshan Plant

Leo's Fire Fighting Team in the Fire Drill

Employees Health Care Programme

Employee health is one of the most important aspects in our occupational health and safety management. In 2016, Leo joined with local government departments, hospitals, higher education institutions, and health experts from various sectors to launch a series of health care activities throughout the year. The following is a list of some of these activities:

- January 2016 Free checkup for Cervical Cancer and Breast Cancer for all female employees, by the Heshan Women and Children Healthcare Center
- January 2016 seminar for the basic knowledge of gynecology for all female employees, by the Heshan Women and Children Healthcare Center
- November 2016 National public health surveillance for all employees, by the Sports Bureau
- November 2016 seminar for exercises and fitness for all employees, by the Physical Education Department of Wuyi University

Soul Health Centre

Leo cares about both the physical fitness and emotional well being of all Leonians. We opened the Soul Health Centre in 2014 to offer psychological services including training sessions on interpersonal relationships, and counselling services such as stress management, personal development and career development.



In 2016, we recruited more volunteers for the Centre. We organized a reading program, one-on-one counseling, and NLP (Neuro-Linguistic Programming) communication skills training. We took a proactive approach and conducted a happiness census for our frontline management employees. We also organized interview activities for our new employees at the Heshan plant.

Incident Cases

In 2016, 16 cases of work-related incidents were reported. The number of fatal cases remains zero.

	2008	2009	2010	2011	2012	2013	2014	2015	2016
Number of work- related incidents	39	27	20	21	19	15	15	15	16

Staff Training and Education

Continuous employee mentoring and training is part of Leo's core sustainability policy. Training enhances our employee's employability, specific job skills and knowledge.

In 2016, we delivered training in more diversified ways in order to make learning an easier and more interesting experience. Training methods included traditional classroom courses, as well as E-learning, film watching, reading programs, small exhibitions and competitive activities. In 2016, a total of 14,263 employees participated in training programmes.

Specialized Course

Training encourages the continuous professional growth for Leonians. In 2016, a series of specialized courses with a total of 231 training sessions and 540 training hours were delivered. Learning opportunities were available to all Leonians throughout the year, and employees could choose suitable programs based on their individual needs. Different training topics were provided every month throughout the year.

Dedicated to Social Responsibility



	2016 Training Programs
Jan	Philosophy and Practice on LEAN Management
Feb	Problem Analysis and Solving Skills Mind-map
Mar	Facilities and Equipment Maintenance Leadership Training
Apr	SMED Improvement TPEM Fundamental
May	Trainer Skills Corporate LEAN Management System Communication Skills
Jun	Fold Stamping Industrial Engineering Introduction Public Speech
Jul	Management Skills Competency Card Model
Aug	360° Growth Managers
Sep	Process Management Introduction
Oct	Job Relation
Nov	Industrial Engineering Improvement Methods Total Quality Management

Facilities and Equipment Management Training

Facilities and Equipment is a fundamental element for production. Production efficiency and effectiveness relies heavily on how well we manage our facilities and equipment. In August

2016, Leo's training department delivered a series of training courses with topics on facilities and equipment management, with the aim to improve overall performance in that area.



Facilities and Equipment Management Training

Change Management Training to Senior Management

To cope with a fast changing market environment, in March 2016, our training department developed and delivered four training sessions with a focused topic of "Change", which included "Change Management Introduction", "Step Beyond for Reconstruction", "Practical HR management" and "Psychology for Managers". 44 senior management members participated in the training. The training focused on critical factors that lead to a successful and sustainable corporate transform in a fast evolving environment.



LEAN Management System Training

Our LEAN Manufacturing programme began in 2007. Since then, our LEAN Manufacturing philosophy has been promoted, and LEAN Manufacturing techniques have applied throughout the factory. To better advocate for LEAN Management, we established our LEAN Manufacturing Operation Department in 2016. LEAN Manufacturing training was correspondingly enhanced.

This was one of the topics prioritized in our training programs. Mr. Samuel Leung, Chairman of Leo Paper Group, was involved in the training as a trainer. A total of 6 sessions were delivered to senior and middle management members.





LEAN Management System Training

Corporate Culture and Its Impacts

To promote deeper understanding of corporate culture and its impacts on an organization, 30 sessions of corporate culture training were delivered to all departments in 2016. Over 1,500 employees participated in the training. The training was delivered through seminars, video clips, games and quests. Group games were also arranged to enhance team spirit in work place.

Cross-departmental Learning

Cross-departmental understanding and collaboration is important at our production plant. In 2016, the Sales and Marketing Department hosted mutual learning activities with departments directly involved in the continuous production flow and automation production line. More than 30 supervisory employees participated in the activities. Representatives from different departments such as the automation facilities R&D department, and the shipping department introduced their roles and responsibilities in the production flow and automation production line. The activities provided a very good opportunity for cross-departmental communication and mutual-learning.

Skill and Competency Management for Technicians

With the development of our automation projects, the competence and skill requirements for technicians have changed accordingly. In 2015 and 2016, Leo established a system for management of technicians' competence, including skills requirements, assessments, identification of training needs, and career development.

To encourage the refinement of technical skills and promote best practices, the "2016 LEAN Skills Competition" was organized at our Heshan Astros Printing plant. The competition focused on skills in machine operation and maintenance, prepress, printing, and post-press, forklift truck operations, and more, with a total of 23 areas of competition. The competition

Dedicated to Social Responsibility



lasted more than one month, with 900 technicians participating and 111 winners.





2016 LEAN Skill Competition





Internal Trainer Development Scheme

Internal Trainer Development System

To better promote corporate knowledge, in 2016 our training department established a platform to recruit employees with various skills and expertise to join the Trainer Development Scheme. It aims to build a pool of competent instructors to sustain corporate knowledge development. 90 employees enrolled in the training scheme. After a series of training and evaluation processes, 54 of the participants with outstanding performance were selected as Leo's internal trainers. They will undertake an important role to promote the corporate philosophy, pass on skills and knowledge, and develop and improve training courses. They will be in charge of about 30% of corporate training tasks. With this system, it is expected that growth will be achieved for both the trainers and trainees.

Governance and Anti-Corruption

Leo upholds high standards of business ethics. It has been more than 7 years since Leo first started the Anti-Corruption Governance Committee in 2009. We are dedicated to ensuring that our business activities are conducted ethically and honestly. Over the years, we have established a comprehensive system for good corporate governance. In 2016, Leo reinforced corporate governance in 5 areas: tendering management, mechanism improvement in interests declaration, special monitoring, education and promotion, industrial participation and engagement.



Tendering Management

Leo is committed to maintaining transparent operations for entrepreneurial integrity. Tendering is one of the initiatives to achieve this objective. In 2016, 68 tenderings were carried out for different projects, including sourcing, facilities installation, technology consultancy, and more.

Mechanism Improvement in Interests Declaration

In 2015, senior management employees and employees in sensitive positions were required to sign a declaration letter of compliance with legally-binding requirements and anti-corruption ethics.

In 2016, Leo extended the initiative. All employees were required to disclose and declare any conflict of interest. A declaration regarding personal benefit and business entertainment was also required when interacting with other organizations.

Monitoring and Reporting Systems

Reporting channels include reporting to Governance Officer Post Box, telephone reporting, Email reporting, online reporting.

Training and Education

Training is crucial for effective implementation of anti-corruption polices. In November 2016, our Anti-Corruption Governance Committee organized a seminar for 400 senior management employees and employees in sensitive positions, in order to ensure that participants can recognize red flags that point to possible corruption.



Anti-Corruption Training and Seminar

Industrial Participation and Engagement

Apart from developing and implementing good governance practices inside the company, we also participated in industrial initiatives. In 2016, after a four-month evaluation, Leo successfully became a member of the "China Enterprise Anti-Corruption Alliance". It provided us with opportunities to strengthen our connection with other peer organizations, learn best practices, and continuously enhance our corporate governance management mechanism.

Dedicated to Social Responsibility

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Working and Living in Contentment

Leo does not only support Leonians on the job, but also in personal well being and contentment. With our comprehensive learning, arts and sports facilities in place, we have created an environment that allows Leonians to explore their potential and enrich their leisure life. Our staff contentment programmes engage both Leonians and their families.

Appreciation of Work Performance

Frontline Management Excellence Award 2016

In order to recognize the outstanding performance of our frontline management staff, we set up the "Frontline Management Excellence Award". The award is presented quarterly to employees who stand out in management and employee engagement. In 2016, 21 frontline supervisors were awarded with the title.





Frontline Management Excellence Award

208 Leonians recognized.

tion ceremony was held in September 2016, with a total of

Sports Activities The 4th Jiangmen Walking Marathon Competition

The 4th Jiangmen Walking Marathon Competition
Leonians are encouraged to engage in physical activities
and regular exercise to maintain healthy living. In November 2016, the local government hosted "The 4th Jiangmen
Walking Marathon Competition" in Jiangman and our Astro's Art and Cultural Center was included in the Marathon
route. About 5,000 Leonians participated in the event.



The 4th Jiangmen Walking Marathon Competitio

Performance Excellence Award 2016

The Performance Excellence Awards provide annual recognition to Leonians who takes a proactive working attitude and achieve outstanding production performance. The presenta-

Wing Chun Martial Art Contest

Wing Chun is a Chinese martial art. During the 2016 Astros Carnival, we held the 2016 Wing Chun Martial Art Contest to encourage and promote health and fitness at Leo, as well as promote the traditional martial art in the region.

The 13th "Leo Cup" Sport Day

Exercise and fitness help to keep physical health. From October to November 2016, we held the 13th "Leo Cup" Sport Day. Participants from the same department were registered and grouped as one team. There were 15 teams

with a total of 945 Leonians who were enrolled in 13 different types of sports matches including basketball, soccer, tug-ofwar, athletics, and more.



The 13th "Leo Cup" Sport Day

Cultural and Leisure Activities 2016 Leo Talents Contest

Leo is respectful of Leonians personal talents. The 2016 Leo Talents Contest provided an opportunity for all Leonians to unleash their creativity. 23 teams were enrolled in the competition. 10 entries were selected for the final round after a professional assessment by the judging panel. The participants demonstrated their creativity and good sportsmanship through the contest.





2016 Leo Talents Contest

2016 Leo Comedy Contest

In 2016, Leo held the 2016 Leo Comedy Contest to share laughter among Leonians during leisure time. The contest was divided into 2 categories of words and video clips. A total of 12 awards were presented.

Leo's Mascot Design Contest

In 2016, Leo organized a Mascot Design Contest, which was open to all Leonians and external entities, including profes-

sional design institutes, art students, and amateur designers. The selection processes took more than 3 months with a series of selection and polling processes carried out. The winning mascot design was selected from 30 final entries.



Leo's Mascot

Interest Club Activities

Interest clubs have played an important role in enhancing Leonians' well-being and contentment. Interest clubs at Heshan Astros include football, basketball, badminton, table tennis, dancing, photography, music and arts.

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In 2016, interest clubs organized a series of sports contests and film appreciation activities.



adminton Club Activities

Heshan Art and Cultural Association (Astros Branch)

On July 26, 2016, the Heshan Art and Cultural Association held a recognition ceremony for the opening of its branch at Leo's Heshan Astros plant, the Heshan Art and Cultural Association (Astros Branch). It is a professional Art and Cultural

group focusing on news services, art and culture, and interest clubs. It has more than 400 members.



Sadminton Club Activities

Festival Activities and ArtPerformance Group Dance Night

To enrich leisure life of Leonians, as well as engage the local community, we organized a group dance night on October 29, 2016. 9 dancing teams formed by our employees and residents from the nearby community participated in the event.

2016 Mid-Autumn Festival Celebration

On the eve of the Mid-Autumn Festival, we organized fun activities including riddle games, movie viewings, arts performance for our employees and their family members.







2016 Mid-Autumn Festival Celebration

2016 Astros Carnival

The "2016 Astros Carnival" was held at our Heshan plant on December 24, 2016. Activities included fun game booths, food and beverage, stage performances, photo booths, charity sales and lucky drawings.





2016 Astros Carniv

Families Caring Activities DIY Family Baking

Family activities can provide a good opportunity for better communication and strengthening the bond among family members. On August 13, 2016, Leo invited local bakery shop to launch a DIY family baking activity. 30 Leonians

Dedicated to Social Responsibility

and their families participated in the event. During the event, professional bakers shared baking knowledge and skills with parents and children. They also demonstrated the baking process of making almond cookies. Parents and children were all engaged enthusiastically in making the cookies and had a fun weekend.





DIY Family Bakir

"Holding Hands with Little Leonians in Summer Holiday" Teaching Activities

The summer holiday is a good time to enrich children's learning. In July 2016, Leo's volunteer team took the opportunity to hold teaching activities called "Holding Hands with Little Leonians in Summer Holiday". The activities were held at our dormitories of "Greenfield Garden". More than 30 little Leonians participated in the activities which included summer holiday safety programs with question and answer sessions as well as interesting games, book readings and homework assistance programs. Through the initiative, we created a warm and inclusive environment in the community.





Holding Hands with Little Leonians in Summer Holiday Teaching Activities

Community Engagement

Our broad range community engagement initiatives in 2016 can be mainly classified into 3 areas: Educational Support to the Community, Child and Youth Nurturing, and Support to Disadvantaged Groups. Such initiatives are largely contributed through the efforts of the Leo Volunteer Team, which has been volunteering their support and engaging in diversified community service for up to 980 hours with its 180 members in 2016.

Educational Support to the Community

Astros Technical and Vocational School

Astros Technical and Vocational School is a full-time school specialized in printing established by Heshan Astros. It is the first one of its kind in Guangdong Province. Our mission is to foster talent, work ethic and skills, to grow morale, knowledge, physical fitness and diligence. The school building's gross floor area is 14,680m², which now accommodates more than 3,000 students. We provide scholarship opportunities to outstanding students. The school develops talented individuals for the industry.

Higher Education Internship Program

Since 2013, Leo has partnered with The Hong Kong Polytechnic University to offer an internship program for its students each year. We setup the internship program plan and assign trainers for each student. The 2016 internship program focused on Industry 4.0 planning and application in the printing industry. Through the program, students gained practical experience on industrial engineering and machine automation application in a real production environment. The internship program helps students get ahead in today's competitive market.





Higher Education Internship Program

NurturingCaring for Next Generation Committee

The next generation will take the baton of sustainability. Being an enterprise with more than ten thousand young employees, we regard it as our responsibility to provide the next generation with care and proper education to foster their growth.

Leo established the Caring-for-Next-Generation Committee and hosted a formal kick-off ceremony at the Heshan Astros on November 9, 2016. The committee will continue to strengthen our work on coaching, caring, and mentoring young people.





Ceremony of Caring for Next Generation Committee

2016 Education Fund Donation to Secondary Schools

Leo has established an education fund for 13 years since 2004. We have financially supported more than 140 students in poverty from Guangxi Wuzhou Cenxi Secondary School and Suixi DaiCheng Secondary School. Among them, 20 outstanding students received Leo's scholarship in 2016.

Supports to Education of Children

Over the years, Leo has taken a proactive approach in supporting local education development. We have made donations to upgrade facilities at nearby schools.

On May 31, 2016, the Management Director of Heshan Astros visited Gulao Longxi Primary School and Greenfield Garden Nursery School as part of an initiative to support educational development.



Nursery School Vis

Supports to the Disadvantaged Groups

Jiangmen Excellent Support Program for Disadvantaged People

Leo is committed to helping build a more inclusive community environment in which equal opportunity is offered to individuals regardless of social status, gender, and disability. Since 2011, we have provided job opportunities and training to disadvantaged people. In addition, we have installed barrier-free access and facilities throughout our working and living environments. We reconstructed work places, dormitory buildings, toilets and bathrooms to ensure safety, convenience, and accessibility for our disadvantaged employees. All of these efforts helped to get disadvantages employees back into workforce, lighten financial pressure, and become more independent. By 2016, we had offered job positions to 174 disadvantaged employees.

In June 2015, our Astros production plant was recognized as a Guangdong Employment Base for Disadvantaged People. Astros was also the first company in Heshan to be recognized as such. In July 2016, the local government held an event called the Jiangmen Excellent Support Program for Disadvantaged People. The program had an election poll to select programs that gave excellent support to disadvantage individuals. Our program was recognized as excellent. Our efforts to support disadvantaged people was not only recognized by the government, organizations and professional bodies, but also recognized by the public.

2016 New Year Home Visits to Families in Need

Leo has continued to care for and support families with difficulties in the community. On February 2, 2016, as part of

Dedicated to Social Responsibility

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our Chinese New Year activities, we visited and delivered our warm regards to 55 families in poverty and 643 senior citizens above age 60. This has been our 11th New Years Home Visit since 2005.

Mid-Autumn Festivities at Charity Elderly Home and Child Welfare Institute

On July 9, 2016, Leo's volunteer team organized visiting activities for senior citizens living at the Gulao Charity Elderly Home and children living at the Heshan Children Welfare House. These visits spread warm Mid-Autumn blessings to the elderly and homeless children on the festival day.

Chong Yang Festivity

During the Chong Yang Festival 2016, Leo's volunteer team, together with Heshan Renai's social workers, organized several activities including hiking with senior citizens, and visits to senior citizens who live alone at Gulao Charity Elderly Home.



Hiking with Senior Citizens



Visiting Senior Citizens

2016 Helping Hand HealthBank Cookie Campaign

Leo is dedicated to supporting community initiatives for people in need. In March 2016, 150 Leonians participated in the "Helping Hand Health-Bank Cookie Campaign" organized by the charity organization of "Helping Hand" in Hong Kong. The campaign has been organized every year since 2008. It aims to raise funds for needy elderly people in the community.

Heshan Red Cross Charity Sales

In order to commemorate the 69th World Red Cross and Red Crescent Day in 2016, and pass on the values of "Humanity and Love" to the community, Leo participated in the Red Cross Charity Sales activity. We prepared some of our featured products such as green paper products and

healthy tea seed oil for sale during the event. The funds raised were used for senior citizens living alone in Heshan.



Heshan Red Cross Charity Sales

Jiangmen Azalea Charitable Donation Award

In June 2016, the local community organized a charity event "2016 Jiangmen Charity Night". Different stakeholders were invited to participate in the event. During the event, people who had devoted enthusiastic support to community charity work in 2015 were awarded with the "Jiangmen Azalea Charitable Donation Award". Leo's charity efforts were recognized by the community this year. We were presented with the "Jiangmen Azalea Charitable Donation Award".



Stories of Good People in China

In order to promote ethics and morality in society, the Central Civilization Office published a book titled "Stories of Good People in China" in 2016. It collects stories of people across China who are respectable, trustworthy, have helped the needy. Heshan Astros Managing Director Mr. Simon Fung was honored to be featured in the book. Stories of each person in the book show that there are many ways to care for and contribute to the community.

Social and Economic Indicators

(Heshan Astros Printing Plant)

Employment

		Average Number of Employee								
Gender	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Male	8813	7643	7733	8015	8692	8287	7903	8274	7285	
Female	11510	9923	9663	9682	9292	8608	7230	7023	6183	
Total	20323	17566	17396	17697	17985	16895	15133	15297	13468	

Occupational Health and Safety

Indicator	2009	2010	2011	2012	2013	2014	2015	2016
Annual Injury Case	27	20	21	19	15	15	15	16
Injury Case per 1000 Employees	1.54	1.15	1.19	1.06	0.89	0.99	0.98	1.19

Market Presence

Indicator	Proportion of Senior Management Hired from the Local Community								
Indicator	2012	2013	2014	2015	2016				
Local	45%	45%	45%	46%	47%				

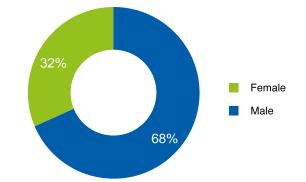
Manager or above is regarded as senior management; Individuals who indefinitely reside in the Heshan region are regarded as from the local community.

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Diversity and Equal Opportunity

Condox	Proportion of Managing Staff								
Gender	2012	2013	2014	2015	2016				
Male	44%	44%	69%	69%	68%				
Female	56%	56%	31%	31%	32%				



Training and Education

Employee Cotogony	Average Training Hours per Employee#							
Employee Category	2009	2010	2011	2012	2013	2014	2015	2016
Frontline Staff/ Workers	*	*	24	17	11	10	13	9
Managerial Staff (Cat. 1-4)	45	21	17	16	21	23	18	18
Managerial Staff (Cat. 5-6)	22	11	18	16	22	22	21	23
Managerial Staff (Cat. 7-8)	36	30	27	30	29	28	31	24
Top Management	19	39	18	11	37	33	32	24

*No measurement conducted; #Including all employees at Heshan Astros Printing Plant and Hong Kong headquarters.



Productivity Enhancement through Automation and Innovation

Development of Information Systems

Dedicated to Innovation and Operations Excellence

Research, Development and Invention

Participation in Development of International Standard



Dedicated to Innovation and Operations Excellence



The sustainable business development of a company often relies on the company's own research and development, as well as the ability to make continuous improvements on its operations. Over the years, with the efforts of our R&D team, we automatized our production lines, developed information and production systems, researched new materials, and initiated innovative projects. We apply our research results in a quick manner. In 2016, we adopted more than 3,000 new or modified devices and tools throughout the factory for operation improvements.

In 2016, we participated in drafting new international standards as a leading printer in the industry. Our expertise contributed to the development of the industry.

Productivity Enhancement through Automation and Innovation

Development of Automation Machines

In 2016, our R&D team developed a series of 200 automation machines to improve the production efficiency of secondary processes such as cover page gluing, book spine pressing, glue scrapping, punching, envelope aligning, materials dispensing and feeding, slit cutting, accessory gluing accessory, paper feeding, carton box printing, spot gluing, window punching, and label gluing among other processes.

Automation machines have been installed on 13 production lines of different products such as Haptic Magic electronic books,



Semi-automatic Sound Book Production Line

puzzle books, touch and feel books, pop-up books, pushpull books, slide books, and gift sets, which resulted in noticeable improvements in production efficiency.

Improve of Hand Tools and Mechanical Manual Equipment

Our efforts in automation enhancement go further by using compressed air technology to improve hand tools and mechanical manual equipment. In 2016, our R&D team developed a large number of air tools and equipment to replace hand tools and manual equipment. This improved production productivity significantly.



Modification and Optimization of Machines

In 2016, our R&D team modified and optimized 18 automation machines including creasing machines, pressing machines, and the conveyor system. The modifications to the machines facilitated increased productivity.

Development of Information Systems

The integration of information technology for daily operations has been a useful tool to enhance our performance over the years. By developing information systems for our manufacturing processes, production parameters can be collected, analyzed, and responded to in a quicker manner. When deploying information systems to non-production processes, we have achieved greater accuracy of work, better utilization of resources, and lower labor cost. In 2016, new or modified information systems include the ECG Schedule System, Information System for Paper Matching, and the Human Resources Information System.

ECG Schedule System

The ECG Schedule System includes three major components: a computer module, Production Planning and Control (PPC) program and a light warning device. It is installed in a machine to obtain real-time machine processing data and information that reflect the actual machine performance.

The ECG schedule system has been installed in production machines to alert operators of machine performance and make ad-

justments where necessary. It benefits production in the following ways:

- Real-time information and data reflecting production progress are collected and analyzed by our management staff to take immediate action.
- Light warning devices on machines provide signals to alert operators, which achieve effective visual management.
- Daily machine utilization reports generating from the system simplify a lot of paperwork for our machine operators and provide accurate information for management to improve productivity and cost control.



ECG System

Dedicated to Innovation and Operations Excellence



Information System for Paper Matching

Sourcing materials that meet customer and regulatory requirements is important to our production management. The matching of specifications of new materials with our standards is labour intensive, which can also cause human error easily. In 2016, the Paper Matching System to automatize and simplify the matching process on paper sourcing was developed. Parameters for different paper standards and requirements were input into the system to provide an instant alert to sourcing staff of any non-conformity and enable them to respond immediately. The system significantly improves the efficiency of sourcing operations.

Human Resources Information System

To align with corporate human resource development strategies, we have been developing an integrated human resources information system. The system consists of different modules, which can lead to fast response to analysis results and better utilization of resources in different aspects of human resource management, including attendance, competence, training, talent pool, job performance, compensation and benefits.

System Modules	Results
Organization structure	Standardized Human Resource Management System. Improved promotion process, career advancement planning, and on-the-job training.
Employee Management	Efficiency enhancement of human resource management through systematic analysis and planning of actual workforce.
Recruitment Management and Talent Pool	Established comprehensive talents data base Provided immediate analysis on results and effectiveness of recruitment process to develop and improve recruitment strategy.
Attendance Management and Workforce Planning	Provided immediate information on employee's attendance for flexible production workforce planning.



Research, Development and Invention

New Material and Technology Development

Leo has been continuously developing new materials and technologies that add value to product safety, manufacturing productivity, environment conservation, and printing quality, especially printing effects that meet the changing needs of consumers.

In 2016, our R&D team successfully developed and applied new materials and technologies to our products and processes, including 88 new materials, of which 20 are environmental-friendly materials, and 24 new technologies. Through the use of new materials and technologies, the production cycle is shortened and product quality is enhanced.

Invention and Patents

Leo's knowledge and forward-thinking mindset in the professional community of printing can be partly reflected on the innovative projects we carried out.

In 2016, 7 projects were successfully patented in United States, China and other countries. Among these patented projects, 6 projects were granted utility model patents, and 1 project was granted an invention patent.

Participation in Development of International Standard

As a leading printer in the industry, Leo has participated in development of a new international standard of ISO 16763:2016 Graphic Technology – Post-press – Requirements for Bound Products, which specifies quality requirements and tolerance of bound products and intermediate components.

This standard addresses the major quality elements in post-press production of bound products. It aims to reduce the occurrence of remakes due to inadequate working methods, enhance overall process control, production efficiency and accuracy.

Leo is recognized as a leading organization for development of the new standard. Our proficiency in printing facilitates the development of the industry.



Participation in Development of ISO Standard

External Recognitions 2016

Selected Environmental Awards/ Recognitions 2016 _



BOCHK Corporate Environmental Leadership Awards 2015 - Silver Award (Manufacturing Sector)

 Awarded by Federation of Hong Kong Industries



Q-Mark Elite Brand Award – Environmentally-friendly Brand Category

 Awarded by Hong Kong Q-Mark Council for 2 consecutive years



Guangdong Cleaner Production Excellent Partner

 Awarded by The Environment Bureau of the Hong Kong Government and the Economic & Information Commission of Guangdong Province



China Green Development Alliance (CGDA)

· Recognized as a founding member



consecutive years

Green Office Awards Labelling Scheme (GOALS).

Awarded by World Green Organization (WGO) for 4

Special Contribution in Green Printing (Products Manufacturing Unit)

 Awarded by the Printing Technology Association of China



HKQAA Hong Kong Registration – Environmental Friendly

 Awarded by Hong Kong Quality Assurance Agency



Guangdong Cleaner Production Association - Vice President of the 2nd Committee

 Presented by Guangdong Cleaner Production Association

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Selected Social Awards/ Recognitions 2016 _____



10+ years Caring Company Award

• Presented by the Hong Kong Council of Social Service



Faithful and Trustful Enterprise in Guangdong

 Awarded by the Guangdong Provincial Administration for Industry and Commerce for 15 consecutive years



Jiangmen Excellent Support Program for Disadvantaged People

Awarded by Jiangmen Committee
 Propaganda Department, Jiangmen
 Communist Youth League of
 China, and Federation of Jiangmen
 Disadvantaged Persons



Guangdong Poverty Alleviation Cotton Bronze Cup 2015

Awarded by Guangdong Poverty
 Alleviation and Development Team

Jiangmen Azalea Charitable Donation Award

• Awarded by Jiangmen Charity Association



Caring Heshan 2015 - Gold Crane Award

 Awarded by Heshan Charity Federation

Member of China Enterprise Anti-Corruption Alliance

• Recognized by China Enterprise Anti-Corruption Alliance

Other Selected Awards /Recognitions 2016



Premier Print Awards 2016

 Awarded by Printing Industries of America



Gold Ink Awards 2016

 Awarded by the North American Publishing Company



Hong Kong Print Awards 2016

Organized by the Graphic Arts
 Association of Hong Kong, the Hong
 Kong Publishing Professionals
 Society and the Hong Kong Trade
 Development Council



Top 100 Printers in China 2016

 Presented by Keyin Media and Printing Manager



Stakeholders Engagement and Material Aspects

Stakeholders of Leo mainly include customers, staff members, suppliers, government/authorities, non-governmental organizations, society and community. Stakeholder engagement is an integral part of our daily operations, which helps us not only understand expectations of our stakeholders, but also the context of ourselves. It is a critical element of our sustainability initiatives.

Stakeholders	Approach to Stakeholder Engagement
	- Regular newsletters/e-news
	- Regular website communication
Customers	- Annual customer survey
Customers	- Suppliers handbooks and other documents from customers
	- Client visits and meetings
	- Participation to seminars organized by our customers
	- Regular corporate news
	- Email and telephone communication
Staff Members	- Suggestion boxes
	- Employees survey
	- Policy conference by the Chairman
	- Coaching for process improvements
	- Supplier meetings
Suppliers	- Annual/quarterly on-site supplier audits
	- Annual supplier visits
	- Release of supplier guidelines
	- Co-organizing of community activities/events
Government / Authorities	- Direct communication with local authorities
Government / Authorities	- Enquiries to regional/global authorities
	- Participation in seminars presented by local, regional, and global organizations
Non Covernmental Organizations	- Participation in seminars organized by NGOs
Non-Governmental Organizations	- Invitation to speakers from NGOs to give training
(NGOs)	- Meetings with NGOs
	- Participation in development of national/international standard
	- Jointly organizing activities with the local communities
Society and Community	- Speaking at seminars to share our sustainability philosophy with the public
	- A designated division responsible for communication with the local communities
	- Website in local language for communication

The content of this report has been prepared based on the principles of stakeholder inclusiveness, sustainability context, materiality, and completeness. Materials aspects are identified based on regulatory requirements, stakeholder expectations, and Leo's own concerns and commitment. Initiatives have been developed to manage impacts of the material aspects. The table below demonstrates material aspects/ key topics that significantly influence stakeholders and Leo.

Materials Aspects/ Key Topics and Concerns	Cross-reference for Response to Materials Aspects/ Key Topics and Concerns	Aspects Boundary	
	Topico ana concomo	Leo	Outside Leo
Materials	Green Materials Environmental Indicators	V	V
Energy	Energy Management	V	√
Water	Environmental Indicators	√	√
Air Emissions and Waste	Air Emissions and Waste Management Environmental Indicators	√	√
Occupational Health and Safety	Occupational Health and Safety Social and Economic Indicators	√	
Training and Education	Staff Training and Education Social and Economic Indicators	√	
Anti-Corruption	Governance and Anti-Corruption	√	V
Local Communities	Community Engagement	V	√
Product Responsibility	Comprehensive Solutions for Green Products Production and Labelling	V	\checkmark

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General Standard Disclosures				
General Standard Disclosures	Cross-reference/Comments	External Assurance		
Strategy and Analysis				
G4-1 Statement from the most senior decision-maker of the organization	Chairman's Message	√		
Organizational Profile				
G4-3 Name of the organization	About Leo Paper Group	√		
G4-4 Products and services	About Leo Paper Group	√		
G4-5 Location of organization's headquarters	About Leo Paper Group	√		
G4-6 Number of countries where the organization operates	About Leo Paper Group	√		
G4-7 Legal form	Limited Liability Company	√		
G4-8 Markets served	About Leo Paper Group	√		
G4-9 Scale of the organization	About Leo Paper Group	√		
G4-10 Number of employees	Social and Economic Indicators Table	√		
	All employees covered by collective	1		
G4-11 Percentage of employees covered by collective bargaining agreements	bargaining agreements.	٧		
	Comprehensive Solutions for Green			
G4-12 Organization's supply chain	Products Production and Labelling	√		
	Green Materials			
G4-13 Significant changes during the reporting period	None	√		
G4-14 Explanation of whether and how the precautionary approach or principle	About Leo Paper Group	1/		
is addressed by the organization	About Leo Faper Group	v		
G4-15 Externally developed economic, environmental, and social charters,	About Leo Paper Group	\checkmark		
principles, or other initiatives to which the organization subscribes or endorses				
G4-16 Memberships in associations and/ or national/international advocacy	Green Manufacturing Network	,		
organizations	China Green Development Union	√		
	China Enterprise Anti-Corruption Alliance			
Identified Material Aspects and Boundary				
G4-17 Entities included in the organization's consolidated financial statements or	Refer to Annual Report 2016	√		
equivalent documents	There to Attitude Hopoit 2010	V		

General Standard Disclosures				
General Standard Disclosures	Cross-reference/Comments	External Assurance		
G4-18 Process for defining report content and the aspect boundarie	Stakeholder Engagement and Material Aspect	√		
G4-19 Material aspects identified in the process for defining report content	Stakeholder Engagement and Material Aspects	√		
G4-20 Aspect boundary within the organization for each material aspect	Stakeholder Engagement and Material Aspects	√		
G4-21 Aspect boundary outside the organization for each material aspect Stakeholder Engagement and Material	Stakeholder Engagement and Material Aspects	√		
G4-22 Explanation of the effect of any re-statements of information provided in earlier reports, and the reasons for such re-statement	None	√		
G4-23 Significant changes from previous reporting periods in the scope and boundary	None	√		
Stakeholder Engagement				
G4-24 List of stakeholder groups engaged by the organization	Stakeholder Engagement and Material Aspect	V		
G4-25 Basis for identification and selection of stakeholders with whom to engage	Stakeholders who have direct and/or indirect interests on our operations are identified through our daily operations and communication processes.	√		
G4-26 Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group	Stakeholder Engagement and Material Aspects	√		
G4-27 Key topics and concerns that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns, including through its reporting	Stakeholder Engagement and Material Aspects	√		
Report Profile				
G4-28 Reporting period	About this Report	V		



General Standard Disclosures					
General Standard Disclosures	Cross-reference/Comments	External Assurance			
G4-29 Date of most recent previous report	About this Report	√			
G4-30 Reporting cycle	About this Report	√			
G4-31 Contact point for questions regarding the report or its contents	Editorial Postscripts	√			
G4-32 GRI Content Index , the 'in accordance' option the organization has chosen and the reference to the External Assurance Report if any	- The "Core" option has been chosen in accordance with the Guideline of GRI - HKQAA Verification Statement	√			
G4-33 Policy and current practice with regard to seeking external assurance for the report	HKQAA Verification Statement About this Report	√			
Governance					
G4-34 Governance structure of the organization	About Leo Paper Group	√ √			
Ethics and Integrity					
G4-56 Organization's values, principles, standards and norms of behavior	About Leo Paper Group	√			



Specific Standard Disclosures					
Material Aspects	DMA (Disclosure on Management Approach) and Indicators	Cross-reference/Comments	External Assurance		
Disclosures on Managem	nent Approach				
GENERAL STANDARD DISCLOSURES	G4-DMA Report why the Aspect is material. Report the impacts that make this Aspect material. Report how the organization manages the material Aspect or its impacts.	 Stakeholder Engagement and Material Aspects Corresponding sections that report management approach and evaluation of the management approach 	√		
Indicators by Aspects: E	conomic				
Market Presence	G4-EC6 Proportion of senior management hired from the local community at significant locations of operation	Social and Economic Indicators Table	√		
Indirect Economic	G4-EC8 Changing the productivity of organization	Dedicated to Innovation and	1/		
Impacts	G4-EC8 Impacts of international standards	Operations Excellence	V		
Indicators by Aspects: E	nvironmental				
Materials	G4-EN2 Percentage of Recycled Materials	Environmental Indicators Table	√		
Energy	G4-EN6 Reduction of energy consumption	Energy Management	√		
Water	G4-EN10 Percentage and total volume of water recycled and used	Environmental Indicators Table	√		
Biodiversity	G4-EN12 Significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas	No Significant Impact	√		
Emissions	G4-EN15 Direct Greenhouse Gas (GHG) Emissions (Scope 1)	Environmental Indicators Table	√		
Emissions	G4-EN16 Energy Indirect Greenhouse Gas (GHG) Emissions (Scope 2)	Environmental Indicators Table	√		
Emissions	G4-EN17 Other Indirect Greenhouse Gas (GHG) Emissions (Scope 3)	Environmental Indicators Table	√		
Compliance	G4-EN29 Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations	Fully compliance with environmental laws and regulations	√		
Supplier Environmental	G4-EN32 Percentage of new suppliers screened by	Supplier Assessment and	V		
Assessment	environmental criteria	Collaboration			

Specific Standard Disclosures Indicators by Aspects: Social **Sub-Category: Labor Practices and Decent Work** G4-LA9 Average hours of training per year per employee Training and Education Social and Economic Indicators Table by gender, and by employee category G4-LA10 Programs for skills management and lifelong Training and Education learning that support the continued employability of Training and Education employees and assist them in managing career endings G4-LA11 Percentage of employees receiving regular All staff members receive performance Training and Education performance and career development reviews, by appraisal annually. gender and by employee category G4-LA14 Percentage of new suppliers screened by Supplier Supplier Assessment for Assessment and Collaboration **Labor Practices** labor practices criteria **Indicators by Aspects: Social** Sub-Category: Human Rights All security personnel received formal G4-HR7 Percentage of security personnel received training in the organization's human **Security Practices** formal training in human right policies rights policies and specific procedures. Supplier Human Rights G4-HR10 Percentage of new suppliers screened by All new suppliers are screened by Assessment human right criteria human right criteria **Indicators by Aspects: Social** Sub-Category: Society G4-SO3 Total number and percentage of operations All operations are assessed for risks Anti-Corruption assessed for risks related to corruption and the related to corruption. significant risks identified G4-SO7 Total number of legal actions for anti-Anti-competitive Behavior | competitive behavior, anti-trust, and monopoly practices | Fully Compliance and their outcomes Supplier Assessment for G4-SO9 Percentage of new suppliers that were Supplier Assessment and Impacts on Society screened using criteria for impacts on society Collaboration

HKEX ESG (Environmental, Social and Governance) Guide Index

Subject Areas, Aspects, General Disclosures and KPIs				
KPIs	Cross-reference/Comments	External Assurance		
A. Environmental Aspect A1: Emissions				
A1.1 The types of emissions and respective emissions data	Environmental Indicators Table	√		
A1.2 Greenhouse gas emissions in total and, where appropriate, intensity	Environmental Indicators Table	√		
A1.3 Total hazardous waste produced and, where appropriate, intensity	Environmental Indicators Table	√		
A1.4 Total non-hazardous waste produced and, where appropriate, intensity	Environmental Indicators Table	V		
A1.5 Description of measures to mitigate emissions and results achieved	Air Emissions and Waste Management	√		
A1.6 Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved	Air Emissions and Waste Management Environmental Indicators Table	√		
A. Environmental				
Aspect A2: Use of Resources				
A2.1 Direct and / or indirect energy consumption by type in total and intensity	Environmental Indicators Table	√		



Subject Areas, Aspects, General Disclosures and KPIs				
KPIs	Cross-reference/Comments	External Assurance		
A2.2 Water consumption in total and intensity	Environmental Indicators Table	√		
A2.3 Description of energy use efficiency initiatives and results achieved	Energy Management	√		
A2.4 Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved	Air Emissions and Waste Management Environmental Indicators Table	√		
A2.5 Total packaging material used for finished products and, if applicable, with reference to per unit produced	Total packaging material used for finished products are 22,301 tons	V		
A. Environmental Aspect A3: The Environment and Natural Resources				
A3.1 Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them	 Green Materials Air Emissions and Waste Management Environmental Indicators Table	√		
B. Social Aspect B1: Employment				
B1.1 Total workforce by gender, employment type, age group and geographical region	Social and Economic Indicators Table	√		
B. Social Aspect B2: Health and Safety				
B2.1 Number and rate of work-related fatalities	No Fatality	√		
B2.3 Description of occupational health and safety measures adopted, how they are implemented and monitored	Occupational Health and Safety	√		
B. Social Aspect B3: Development and Training				
B3.2 The average training hours completed per employee by gender and employee category	Social and Economic Indicators Table	V		
B. Social				
Aspect B5: Supply Chain Management				
B5.2 Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored	Supplier Assessment and Collaboration	√		



Subject Areas, Aspects, General Disclosures and KPIs					
KPIs	Cross-reference/Comments	External Assurance			
B. Social					
Aspect B6: Product Responsibility					
B6.1 Percentage of total products sold or shipped subject to recalls	No recalls for cofety and health recease				
for safety and health reasons	No recalls for safety and health reasons	v			
B. Social					
Aspect B7: Anti-corruption					
B7.1 Number of concluded legal cases regarding corrupt practices					
brought against the issuer or its employees during the reporting	Governance and Anti-Corruption	√			
period and the outcomes of the cases					
B7.2 Description of preventive measures and whistle-blowing	Covernance and Auti Committies	./			
procedures, how they are implemented and monitored	Governance and Anti-Corruption	٧			
B. Social					
Aspect B8: Community Investment					
B8.1 Focus areas of contribution (e.g. education, environmental	Working and Living in Contentment	-/			
concerns, labour needs, health, culture, sport)	Community Engagement				
De 2 Descursos contributed (o a money or time) to the feet of	Working and Living in Contentment				
B8.2 Resources contributed (e.g. money or time) to the focus area	Community Engagement	V			



VERIFICATION STATEMENT

Scope and Objective

Hong Kong Quality Assurance Agency (HKQAA) has been commissioned by tile Lee Paper Group (Hong Kong) Limited ("Leo") to conduct an independent verification of its Sustainability Report 2018-2017 (harain referred to as "the Report"). The Report elited Leo's sustainability performance and efforts towards sustainable development for the penind from 1 January 2018 to 31 December 2018.

The aim of this verification was to provide assurance on the completeness and accuracy of the information stated in the Report. The Report covers the standard disclosures defined in the Global Reporting Initiative (GRI) Sustainability Reporting Guidelines Version 4 (G4) with "Core" option and the Key Performance Indicators that defined in the Environmental, Social and Governance (ESG) Reporting Guide of The Stock Exchange of Hong Kong Limited (SEHK).

Methodology

The process used in this verification was based on current best practices. The Report was reviewed against the following ordersa:

- The principles of completeness, accuracy, neutrality, comparability and responsiveness.
- . The Global Reporting Indiative (GRI) G# Guidelines, and
- + RSG Reporting Guide published by SEHK

The verification procedure included reviewing relevant documentation, interviewing responsible personnel with accountability for preparing the Report and verifying the selected representative sample of data and information consolidation of the Report. Raw sets and supporting evidence of the selected pamping word thoroughly examined.

Conclusion

Based on the pulcome of the vertication process if is opined that the Report is 'in adoptioner' with the GRI G4 Guidelines – Core option and sovers the Key Performance Indicators at the ESG Recording Guide.

The information presented in the Report provided a whilatured, belienced and consistent representation of Leo's sustainability performance in the content of sustainable development. We are satisfied that the Report includes factual statements and the data contained within the Report is accurate and reliable. It is a fair and knost representation of Leo's initiatives target progress and performance on its sustainable development achievements.

Signed on behalf of Hong Kong Quality Assurance Agency

Bryan Peng

Assistant Director, Manufecturing & Service Business Director

31 March 2017