

# ACHIEVING BUSINESS EXCELLENCE WITH SAFETY, HEALTH & ENVIRONMENT

## COMPANY PROFILE

### CNL CONSULTANTS (NORTHERN) SDN BHD

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**CNL CONSULTANTS (NORTHERN) SDN BHD** (271104-T)  
(SAFETY, HEALTH & ENVIRONMENTAL CONSULTANT)

# MISSION STATEMENT

To provide comprehensive services in safety, health and environment to help business

- Promote and cultivate a world-class work environment in conformance with existing and anticipated legislation in Occupational Safety and Health
- Chart new directions of growth by operating in an environmentally efficient manner which conforms with public and regulatory expectations
- Appreciate the value of employee safety and environmental preservation as vital factors for the ensured success of its business

## 1.0 INTRODUCTION

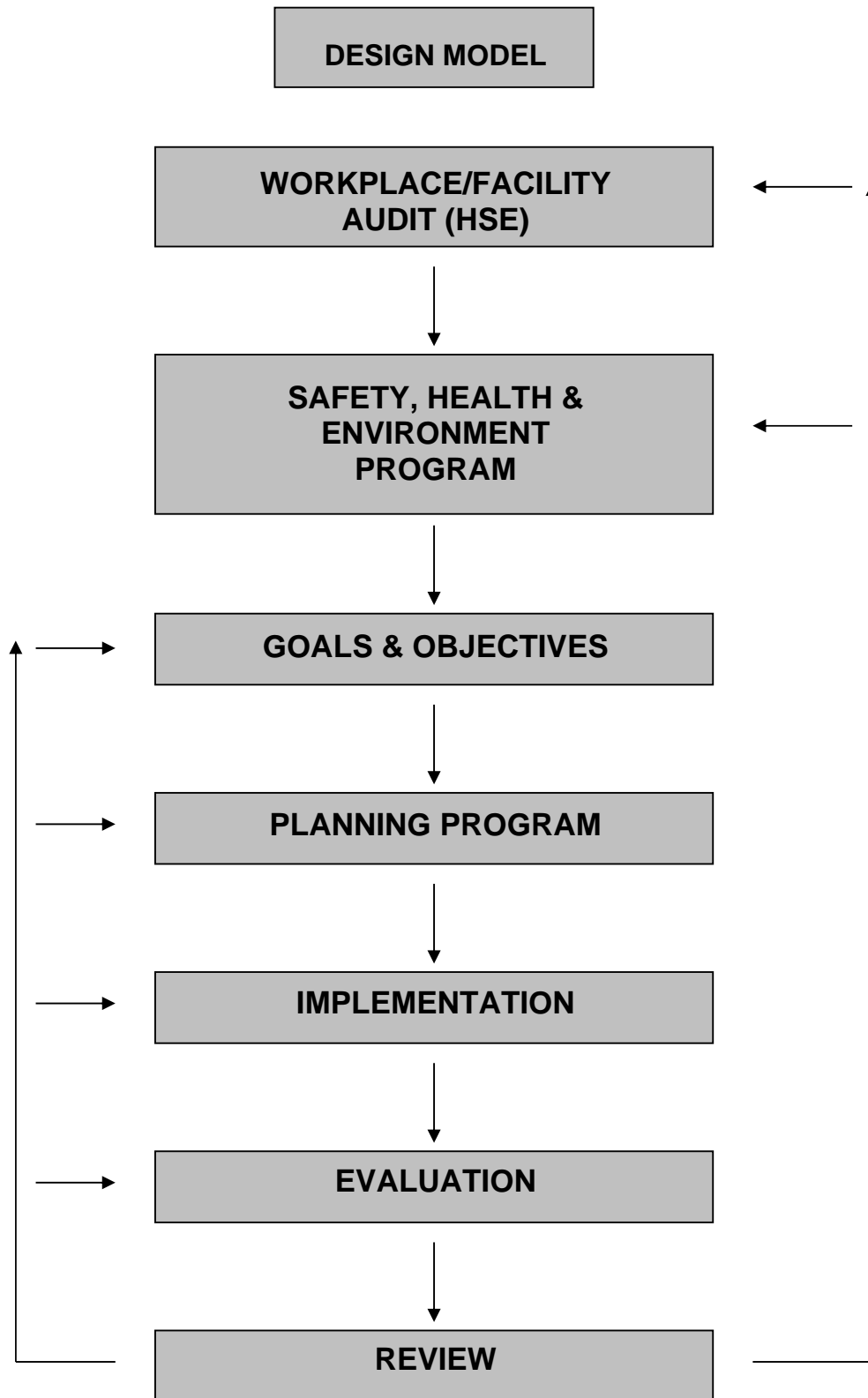
As Malaysia is poised to achieve the status of an industrialized nation by the year 2020, employees of any organization become a vital component in that drive forward. Employees and the Environment, the 2Es, will in fact become the most valuable and essential assets in building a mature and sophisticated organization. Businesses need to recognize how dependent they are on these resources and to understand how to care for these assets to achieve maximum productivity. Eventually, the issues of Safety, Health and the Environment (SHE) must be integrated into the management of today's modern corporation.

Our organization, **CNL Consultants (Northern) Sdn Bhd**, was formed for this purpose of establishing a conducive working environment within organizations that care for its employees and the environment. Conformance to regulatory requirements is our starting point with the client but more importantly we show the way to greater business rewards with a multi-disciplinary service in safety, health and environment. We apply a modular approach in our service offerings to adapt to the needs of organizations which exhibit various levels of SHE awareness. In this manner, we help companies initiate immediate and long term plans which will complement their own business management strategies.

Our systematic approach to the management of employee and environmental safety are backed by a combined wealth of experience drawn from qualified professionals in their respective fields. We understand that organizations committed to the 2Es require nothing short of the best and we strive to deliver our services without compromise.

Our design model clearly charts the sequenced approach adopted in identifying and evaluating SHE issues as well as recommending to our client the most appropriate control or mitigation measures.





## 2.0 FIELD OF SERVICES

The enactments of the following laws:

- Occupational Safety & Health Act (Act 514) 1994; and Regulations
- Factories & Machinery Act (Act 139) 1967/1988; and Regulations;
- Environmental Quality Act (Act 127) 1974; and Regulations;

Provide for

- the securing of the safety, health and welfare of persons at work, for protecting others against risk to safety or health in connection with the activities of persons at work;
- the control of factories with respect to matters relating to the safety, health and welfare of persons therein, the registration and inspection of machinery and for matters connected therewith;
- the prevention, abatement, control of pollution and enhancement of the environment, and for purposes connected therewith.

In this regards, CNL is well positioned to serve our clients from the varied spectrum of the industries in addressing critical issues relating to Occupational Safety, Health and Environmental (SHE) management. We have established a '**One Stop Centre**' for addressing Occupational Safety, Health and Environmental issues, through the practice of multi-disciplinary approach, utilizing a combined wealth of expertise from varied professions such as industrial hygienists, chemical health risk assessors, chemists, occupational health professionals, environmental consultants, safety and health professionals, etc.

Amongst the many services we provide are:

### **Under the purview of DOSH / JKKP**

- Chemical Health Risk Assessment
- Occupational Exposure Monitoring (chemicals, elements, solvents, lead, mineral dust, etc)
- Examination and effectiveness testing for engineering control equipment systems (Local Exhaust Ventilation – LEV)
- Noise Exposure Monitoring (including noise source measurement and noise mapping)
- Mobile Audiometric Testing (DOSH Approved & Licensed; onsite at factory premises)
- Medical Surveillance Programme
- Indoor Air Quality assessment and monitoring

### **Under the purview of DOE / JAS**

- Boundary Noise Survey & Mapping
- Air Emission Monitoring – scrubbers & stack, isokinetic
- High volume ambient air sampling
- Waste Water sampling analysis for sewage & industrial effluents
- Waste Water Characterization Study & Quality Compliance Verification

### **Others**

- ROHS compliance testing
- Laboratory chemical analysis
- Illumination measurement, Heat stress measurement



## **A. OCCUPATIONAL SAFETY & HEALTH SERVICES**

### **i) Chemical Health Risk Assessment (CHRA)**

Assessment of Risk to Health, as required under USECHH Regulations 2000 (OSHA), Part IV.

### **ii) Comprehensive Industrial Hygiene Program**

- Hazard identification – workplace inspection, audit, document research, observation, interview and etc.
- Hazard evaluation – physical, chemical & biological: e.g. noise survey, noise exposure, ambient monitoring, personal exposure monitoring, biological monitoring, heat stress evaluation, local exhaust ventilation testing and etc.
- Exposure, emission and discharge monitoring for:
  - Occupational Safety and Health Act 1994 (OSHA)
  - Factories and Machinery 1967/1988 (FMA)
  - Environmental Quality Act 1974 (EQA)
- Examination and effectiveness testing – for engineering control equipment systems (Local Exhaust Ventilation – LEV) as per USECHH Regulations 2000 (OSHA)
- Recommendation of control measures – PPE, administrative control, engineering controls, training, medical surveillance & examination, etc.

### **iii) OSH audit – workplace / facility**

- Compliance audit
- Technical audit
- Follow-up audit

### **iv) Comprehensive Occupational Safety & Health System**

- Management of Occupational Safety & Health
- Hazard Control (Safety hazard, Health hazard, Fire & Explosion hazard)
- Training, Information Dissemination & Promotional Program
- Accidents, Dangerous Occurrences & Occupational Diseases
- Welfare Arrangement
- Major Hazards
- Electrical safety
- Radiation safety

### **v) OSH training Program**

- Occupational Safety & Health Management
- OSHA & Regulations
- Safety & Health Committee – It's formation & function
- Safety & Health Auditing
- Accident Investigation
- Personal Protective Equipment (PPE)
- Hearing Conservation Program
- Occupational Health Awareness
- First Aid Training
- Emergency Response Plan
- Forklift Safety / Machinery Safety
- Office Safety
- Fire Safety / Chemical Safety
- Many other OSH training modules



**vi) Medical Surveillance Program**

- Mobile audiometric screening – audiometry
- Lung function test - spirometry
- Blood, urine & other body fluid screening: eg. Lead in blood
- Medical examination – occupational health

**vii) Laboratory Testing Services**

- Industrial hygiene, clinical, environment samples and etc

**viii) Supplier & Distributor of Industrial Hygiene & Environmental Equipment**

- Sound level meter, gas detector, dust sampler, audiometer, silent booth and etc.

**ix) Other Compliance Services**

- Factories & machinery registration with DOSH
- Machinery safety inspection and audit; boilers, hoisting machinery & unfired pressure vessels
- Documentation & technical design drawing
- Major hazard assessment & CIMAH compliance program

**B. ENVIRONMENTAL SERVICES**

**i) ISO14001 Environmental Management System**

- Initial Environment Review
- Gap Analysis for Environmental Issues and Control Procedures
- System Implementation

**ii) Environmental Site Assessment**

- Due diligence audits for property purchase/lease
- Soil and groundwater investigation for priority pollutants
- Environmental monitoring for soil and groundwater contamination

**iii) Waste management Audits**

- Investigate waste management options
- Implement 'waste reduction at source' and recycling programs
- Match end-users with 'useful' waste

**iv) Environmental Impact Assessment (EIA)**

- Prepare EIA for submission to DOE
- Design and implement environmental management program

**v) Environmental Regulations Compliance Auditing**

- Determine regulatory non-compliance
- Develop corrective action

**vi) Environmental Training**

- ISO14001 EMS
- Environmental Regulations
- Waste Minimization
- Environmental Auditing



## **KEY PERSONNEL**

### **CHAN CHEW MENG**

An Occupational Safety & Health (OSH) consultant with more than 20 years of experience in the field of OSH, he received his formal OSH training at the Industrial Health Dept, Singapore and obtained a Bachelor's degree in OSH Management from the Robert Gordon University, Aberdeen, United Kingdom. He was formerly an inspector with the Department of Occupational Safety & Health (DOSH) from 1981 – 1991. He is also the principal consultant for CNL Safety Consultancy (M) Sdn Bhd and Audiometric Testing Service Sdn Bhd. He has personally developed and implemented numerous OSH management systems for many clients, especially in the manufacturing, plantation and service industries throughout the country. Another area of his expertise is in the field of Industrial Hygiene monitoring work and he is also a registered competent person with the Department of Occupational Safety & Health (DOSH).

### **LIM SUET LAI**

Soon after graduating in Chemistry from University Putra Malaysia, she joined an alcohol manufacturing plant as a chemist. She was one of the pioneers recruited by the company in setting up of an internal environmental management system. Later on she joined Carsem Semiconductor Sdn Bhd in Ipoh as an Environmental & Safety Engineer and played a vital role in the development of Occupational Safety, Health & Environment Management System for the company. She also had been implementing the CHRA for Carsem Semiconductor Sdn Bhd. She is a registered Chemical Health Risk Assessor and a registered competent person with the Department of Occupational Safety & Health (DOSH).

### **DR. SRM**

A registered occupational health doctor with the Department of Occupational Safety & Health (DOSH), Dr SRM has more than 20 years of experience as a medical practitioner and panel doctor to many well established companies. He has presented papers in many seminars throughout the country. He has personally developed and implemented numerous medical surveillance programmes for many factories. He currently is the principal doctor in a group practice. He obtained his Post-graduate Membership in Occupational Medicine from the Faculty Occupational Medicine, Royal College of Physicians, Ireland. He currently is a post-graduate tutor for medical doctors preparing for the Licentiate & Membership examination of the above named college.



**SOME OF OUR MAJOR CLIENTS: CHRA & MONITORING**

<b><u>COMPANY</u></b>	<b><u>INDUSTRY</u></b>
ARMOURCOTE MALAYSIA SDN BHD	PARTS
ASSOCIATED PAN MALAYSIA CEMENT SDN BHD	CEMENT
AUO CRYSTAL (MALAYSIA) SDN BHD	SILICON WAFER
BARD SDN BHD	MEDICAL
BOON HOCK SAWMILL SDN BHD	SAWMILL
BRITISH AMERICAN TOBACCO (MALAYSIA) BERHAD	CIGARETTE MANUFACTURING
BROMMA (MALAYSIA) SDN BHD	FABRICATION
CABARAN MINETECH SDN BHD	QUARRY
CAMFIL MALAYSIA SDN BHD	FILTER
CANON MARKETING (MALAYSIA) SDN BHD	SERVICE & REPAIR
CARSEM (M) SDN BHD	ELECTRONICS
CENTRAL MEDICARE SDN BHD	GLOVES
CENTURY PINE RESORT	HOTEL
CHEMRESISTOL ENGINEERING SDN BHD	FRP EXHAUST SYSTEM
CHEVRON MALAYSIA LIMITED	FUEL TERMINAL
CLASSIC GUARDIAN (M) SDN BHD	SNACKS
CT FRANK TECHNOLOGY (M) SDN BHD	ELECTRONICS
DBE POULTRY SDN BHD	FEEDMEAL
DINDING POULTRY PROCESSING SDN BHD	POULTRY PROCESSING
DYNISCO-VIATRAN INSTRUMENT SDN BHD	INSTRUMENTS
ENCOMPASS MEDICAL SUPPLIES SDN. BHD	GLOVES
E-WOOD MOULDING MALAYSIA SDN BHD	PICTURE FRAME
EMERY OLEOCHEMICALS (M) SDN BHD	CHEMICALS
ENG THYE PLANTATIONS BERHAD	PALM OIL MILL
FINISAR MALAYSIA SDN BHD	ELECTRONICS
FUSEN PRINTERS SDN. BHD	PRINTING
FELCRA BHD	OIL PALM ESTATES
GCH RETAIL (MALAYSIA) SDN BHD	HYPERMARKET
GENERAL ALUMINIUM WORKS SDN BHD	PRINTING & PACKAGING
GREEN ORANGES SDN BHD	AUTOMOTIVE
HANWHA Q CELLS MALAYSIA SDN BHD	SOLAR CELL
H. B. FULLER ADHESIVES MALAYSIA SDN BHD	ADHESIVES
HCM HYGENIC CORPORATION (M) SDN BHD	MEDICAL DEVICES
HICOM AUTOMOTIVE MANUFACTURERS (MALAYSIA) SDN BHD	AUTOMOTIVE
HILLCITY HOTEL MANAGEMENT SDN BHD	HOTEL
HOCK SOON POULTRY FARM SDN BHD	EGGS & POULTRY
ICA PLASTIC INDUSTRIES SDN BHD	PLASTIC PRINTING
INFINEON TECHNOLOGIES (KULIM) SDN BHD	WAFER MANUFACTURING
INNOLATEX SDN. BHD	CONDOM
INTERPRESS PRINTERS SDN BHD	PACKAGING
JETSON LABEL MANUFACTURING SDN. BHD	LABEL PRINTING
JOHNSON CONTROLS AUTOMOTIVE SEATING (M) SDN BHD	AUTOMOTIVE
KAH BINTANG SDN BHD	VEHICLE WORKSHOP
KAWAN ENGINEERING SDN BHD	FABRICATION
KERETAPI TANAH MELAYU BHD	TRAIN SERVICES
KL-KEPONG RUBBER PRODUCTS SDN BHD	GLOVES
KOSSAN PAINT (MALAYSIA) SDN BHD	PAINT & COATING
KILANG KELAPA SAWIT LEKIR SDN BHD	PALM OIL MILL
KNM PROCESS SYSTEMS SDN BHD	FABRICATION
KUMPULAN PERBADANAN PEMBANGUNAN NEGERI PERAK	ESTATES
KURZ PRODUCTION (MALAYSIA) SDN BHD	HOT STAMPING FOIL





LAFARGE CEMENT SDN BHD	CEMENT
LAFARGE CONCRETE SDN BHD	READY MIXED
LYSAGHT GALVANIZED STEEL BHD	GALVANIZED POLES
MAFIPRO SDN BHD	CANNED FOOD
MAKMAL KESIHATAN AWAM IPOH	LABORATORY
MITSUI COPPER FOIL (MALAYSIA) SDN BHD	COPPER FOIL
MMC ELECTRONICS (M) SDN BHD	ELECTRONICS
MSP INDUSTRIES SDN BHD	PARTS
MULTISAFE SDN BHD	GLOVES
MURATA ELECTRONICS (MALAYSIA) SDN BHD	ELECTRONICS
MYTH EMPIRE SDN BHD, M BOUTIQUE HOTEL	HOTEL
NAKASU WOOD INDUSTRIES SDN BHD	FURNITURE
NAM PHARMA SDN BHD	VETERINARY
NAZA AUTOMOTIVE MANUFACTURING SDN BHD	AUTOMOTIVE
NIHON SUPERIOR (M) SDN BHD	SOLDER
NGC ENERGY SDN BHD	CYLINDER GAS
OKA CONCRETE INDUSTRIES SDN BHD	CONCRETE PIPES
OPTIMISTIC ORGANIC SDN BHD	CHEMICAL MANUFACTURING
OPTOTRONIC SEMICONDUCTORS SDN BHD	LED LIGHTS
PADIBERAS NASIONAL BERHAD, KILANG BERAS	RICE POLISHING
PANTAI EMAS SDN BHD	LAUNDRY SERVICES
PERAK-HANJOONG SIMEN SDN BHD	CEMENT
PERAK RIVER ESTATE SDN BHD	OIL PALM ESTATE
PERFECT FOOD MANUFACTURING (M) SDN BHD	BISCUITS & SNACKS
PETROTECHNIC OILWELL SDN BHD	FABRICATION
RIVERVIEW RUBBER ESTATES BERHAD	OIL PALM ESTATE
ROBIN RESOURCES (MALAYSIA) SDN. BHD	FIBRE BOARD
ROBINA FLOORING SDN BHD	FLOORING
SALUTICA ALLIED SOLUTIONS SDN. BHD	ELECTRONICS
SANSHIN (MALAYSIA) SDN BHD	ELECTRONIC
SHIN-ETSU POLYMER (MALAYSIA) SDN BHD	POLYMER
SHOWA DENKO HD (M) SDN BHD	ELECTRONICS
SILVERSTONE BERHAD	TYRE MANUFACTURING
SIME DARBY INDUSTRIAL SDN BHD	SERVICE & REPAIR
SIN THAI SENG POTTERY SDN BHD	POTTERY
SOA (MALAYSIA) SDN BHD	POTTERY
SOUTH EAST ASIA PAPER PRODUCTS SDN BHD	CARTON BOX
STRIKER CRUSHING & SCREENING SDN BHD	MINING MACHINERY
TAKASHIMA WOODWORK SDN BHD	FURNITURE
TAYLOR'S UNIVERSITY SDN BHD	EDUCATION
TELEFLEX MEDICAL SDN BHD	MEDICAL
THE ORIENT STAR RESORT LUMUT	HOTEL
TIGGES FASTENER TECHNOLOGY (M) SDN BHD	FASTENERS
TINEX KAOLIN CORPORATION SDN BHD	KAOLIN
TS PLASTICS SDN BHD	PLASTIC PACKAGING
UAC BHD	CEMENT BOARD
UNISEM (M) BERHAD	ELECTRONICS
UNITED U-LI GOODLITE SDN BHD	LIGHT FITTINGS
WHITE CAFE SDN BHD	WHITE COFFEE
W.R. GRACE (MALAYSIA) SDN BHD	ADHESIVES
YAMAHA ELECTRONICS MANUFACTURING (M) SDN. BHD	ELECTRONICS
YEE LEE EDIBLE OILS SDN BHD	EDIBLE OIL
YOKOHAMA RECLAMATION SDN BHD	LEAD RECLAMATION
YTY INDUSTRY SDN BHD	



## **SOME OF OUR MAJOR CLIENTS: LEV**

### **COMPANY**

ASSOCIATED AIR-PAK INDUSTRIES SDN BHD  
AUO CRYSTAL (MALAYSIA) SDN BHD  
CAMFIL MALAYSIA SDN BHD  
CARDINAL HEALTH MALAYSIA 211 SDN BHD  
CARSEM (M) SDN BHD  
CSA CHEMICALS SDN BHD  
DINDINGS POULTRY PROCESSING SDN BHD  
DYNISCO-VIATRAN INSTRUMENT SDN BHD  
EASY SUN SDN BHD  
ECO TOWER SDN BHD  
FARMSAFE CORPORATION SDN BHD  
FINISAR MALAYSIA SDN BHD  
FREESCALE SEMICONDUCTOR MALAYSIA SDN BHD  
GENERAL ALUMINIUM WORKS (M) SDN BHD  
GIFUTECH (M) SDN BHD  
HALLIBURTON ENERGY SERVICES MALAYSIA SDN BHD  
HANWHA Q CELLS MALAYSIA SDN BHD  
HCM-HYGENIC CORPORATION (MALAYSIA) SDN BHD  
HICOM AUTOMOTIVE MANUFACTURERS (MALAYSIA) SDN BHD  
HOVID BERHAD  
HUME CEMBOARD INDUSTRIES SDN BHD, FIBRE CEMENT DIVISION  
ICA PLASTIC INDUSTRIES SDN BHD  
INFINEON TECHNOLOGIES (KULIM) SDN BHD  
ISOLITE INSULATING FIREBRICK SDN BHD  
ISUZU HICOM MALAYSIA SDN BHD  
KL-KEPONG RUBBER PRODUCTS SDN BHD  
KURZ PRODUCTION (MALAYSIA) SDN BHD  
LYSAGHT GALVANIZED STEEL BERHAD  
MAKMAL KESIHATAN AWAM IPOH  
MALAY-SINO CHEMICAL INDUSTRIES SDN BHD  
MAPA GLOVES SDN BHD  
MALAKOFF POWER BERHAD, LUMUT POWER PLANT  
MMC ELECTRONICS (M) SDN BHD  
MULTISAFE SDN BHD  
NAKASU WOOD INDUSTRIES SDN BHD  
NIHON SUPERIOR (M) SDN BHD  
OPTOTRONIC SEMICONDUCTORS SDN BHD  
PLAS-TEC INDUSTRIES SDN BHD  
ROBIN RESOURCES (MALAYSIA) SDN BHD  
ROBINA FLOORING SDN BHD  
SANSHIN (MALAYSIA) SDN BHD  
SGL CARBON SDN BHD  
SHELL REFINING COMPANY (FEDERATION OF MALAYA) BERHAD  
STRAITS TIMBER PRODUCTS SDN BHD  
TAKASHIMA WOODWORK SDN BHD  
TAYLOR'S UNIVERSITY SDN BHD, LAKESIDE CAMPUS  
UNISEM (M) BERHAD  
UNISEM ADVANCED TECHNOLOGIES SDN BHD  
VOITH PAPER FABRIC SDN BHD  
YAMAHA ELECTRONICS MANUFACTURING (M) SDN BHD  
YTY INDUSTRY SDN BHD



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