

# REEEP CONTROL AND AUTOMATION Sdn Bhd

Company No.: 201101039967 (968089-V)

## RENEWABLE ENERGY & ENERGY EFFICIENCY PARTNERSHIP

Engineering-Procurement-  
Construction-Commissioning(EPCC)  
Contractor of Electrical, Control and  
Automation System for :-

- Renewable Energy
- Power Plant
- Oil & Gas
- Utility & Facility
- Industrial & Commercial
- Panel Industry



HEADQUARTER (Project):

No. 3-21, Pusat Perdagangan KLH, Menara KLH, 47170 Puchong, Selangor  
Malaysia.

Branch (Panel Work / Workshop):

No. 2A, Jln 5/1, Tmn Industry Selesa Jaya 43300 Balakong Selangor, Malaysia.

E-mail Address: [control.auto@reeepgroup.com](mailto:control.auto@reeepgroup.com)

Website: [www.reeepgroup.com](http://www.reeepgroup.com)

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1

# Introduction

# ENERGY COMMISSION – Registered Electrical Contractor



ST(TKL)WPKL/C/KE/02111/2016

NO: 2022/06292

**BORANG Q**  
(peraturan 75)

**AKTA BEKALAN ELEKTRIK 1990**

## **PERAKUAN PENDAFTARAN SEBAGAI KONTRAKTOR ELEKTRIK**

Mengikut peraturan 75 Peraturan-Peraturan Elektrik 1994, Perakuan ini dikeluarkan kepada

**REEEP CONTROL AND AUTOMATION SDN BHD**  
(nama syarikat)

dan memberi kuasa kepada pemegang untuk menjalankan perniagaan kerja elektrik sebagai Kontraktor Elektrik di :

**NO. 2A, JALAN 5/1  
TAMAN INDUSTRI SELESA JAYA  
43300 BALAKONG  
SELANGOR**

(alamat perniagaan dan cawangan)

di bawah kelas :




selama tempoh **5** tahun\*\* dari tarikh diperbaharui yang ditunjukkan di :

Tarikh diperbaharui : 30/11/2022

Tarikh Habis Tempoh : 29/11/2027

No. Pendaftaran : ST(TKL)WPKL/C/KE/02111/2016

Fi RM : 10,000.00

  
I. FAIRUS BIN TI ABD. MANAF  
Pengerah Kanan Kawasan  
Suruhanjaya Tenaga  
Kawasan Selenggara & WP (M & P) (Suruhanjaya Tenaga)

\*\* Tidak kurang daripada satu tahun dan tidak lebih daripada lima tahun.



# ENERGY COMMISSION - Registered Electrical Switchboard Manufacturer

  
Suruhanjaya Tenaga  
ST(E)SGR/C/PPS/00167/2017

NO: 2022/06291

**BORANG U**  
(peraturan 92)

**AKTA BEKALAN ELEKTRIK 1990**

**PERAKUAN PENDAFTARAN SEBAGAI  
PENGILANG PAPAN SUIS**

Mengikut peraturan 92 Peraturan-Peraturan Elektrik 1994, Perakuan ini dikeluarkan  
kepada

**REEEP CONTROL AND AUTOMATION SDN BHD**  
(nama syarikat)

dan memberi kuasa kepada pemegang untuk menjalankan perniagaan mengilang  
papan suis pada voltan pengendalian lebih kurang :

|              |              |       |
|--------------|--------------|-------|
| <del>3</del> | <del>X</del> | 0.600 |
|--------------|--------------|-------|


\*kilovolt

sebagai Pengilang Papan Suis di :

**NO. 2A, JALAN 5/1  
TAMAN INDUSTRY SELESA JAYA  
43300 BALAKONG  
SELANGOR**  
(alamat syarikat, firma dan cawangan)

selama tempoh 5 tahun\*\* dari tarikh diperbaharui yang ditunjukkan di bawah :

Tarikh diperbaharui : 30/12/2022  
Tarikh Habis Tempoh : 29/12/2027  
No. Pendaftaran : ST(TKL)SGR/C/PPS/00167/2017  
Fi RM : 1,650.00

  
**I. FAIRUS/BINTI ABD. MANAF**  
Pengeruh Kanan Kawasan  
Suruhanjaya Tenaga  
Kawasan Selat Pengaliran & MP (M & P) (Selat)  
Suruhanjaya Tenaga

\*\* Tidak kurang daripada satu tahun dan tidak lebih daripada lima tahun.

# CIDB - Registered Mechanical and Electrical Contractor



## PERAKUAN PENDAFTARAN

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga pengikut Bahagian VI Akta Lembaga Pembangunan Industri Pembinaan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama perakuan ini.

No. Pendaftaran : 0120141201-SL 160188  
Nama Kontraktor : REEEP CONTROL AND AUTOMATION SDN. BHD.  
Alamat Berdaftar : NO. 12A-1, JALAN RIMBUNAN RAYA LAM RIMBUNAN KEPONG  
52100 KUALA LUMPUR  
WILAYAH PERSEKUTUAN KUALA LUMPUR  
Daerah : KUALA LUMPUR  
Tarikh Mula Berdaftar : 01/12/2014

| <u>GRED</u> | <u>KATEGORI</u> | <u>PENGGHUSUSAN</u>  |
|-------------|-----------------|--|
| G5          | B               | B04  |
| G5          | CE              | CE21   |
| G5          | ME              | E03 E05 E06 E10 E11 E15 E16 E17 E18 E19 E20 E21 E22 E23 E24 E25 E32<br>E33 M15 |
| G7          | ME.             | E04  |

Tarikh Mula Berkuatkuasa : 05/07/2023

Tarikh Habis Tempoh Perakuan : 18/07/2026

STATUS: AKTIF

A handwritten signature in black ink, appearing to be 'H. H.', written over a horizontal line.

Ketua Eksekutif

Lembaga Pembangunan Industri Pembinaan Malaysia

Tarikh: 05/07/2023



# Company Brief

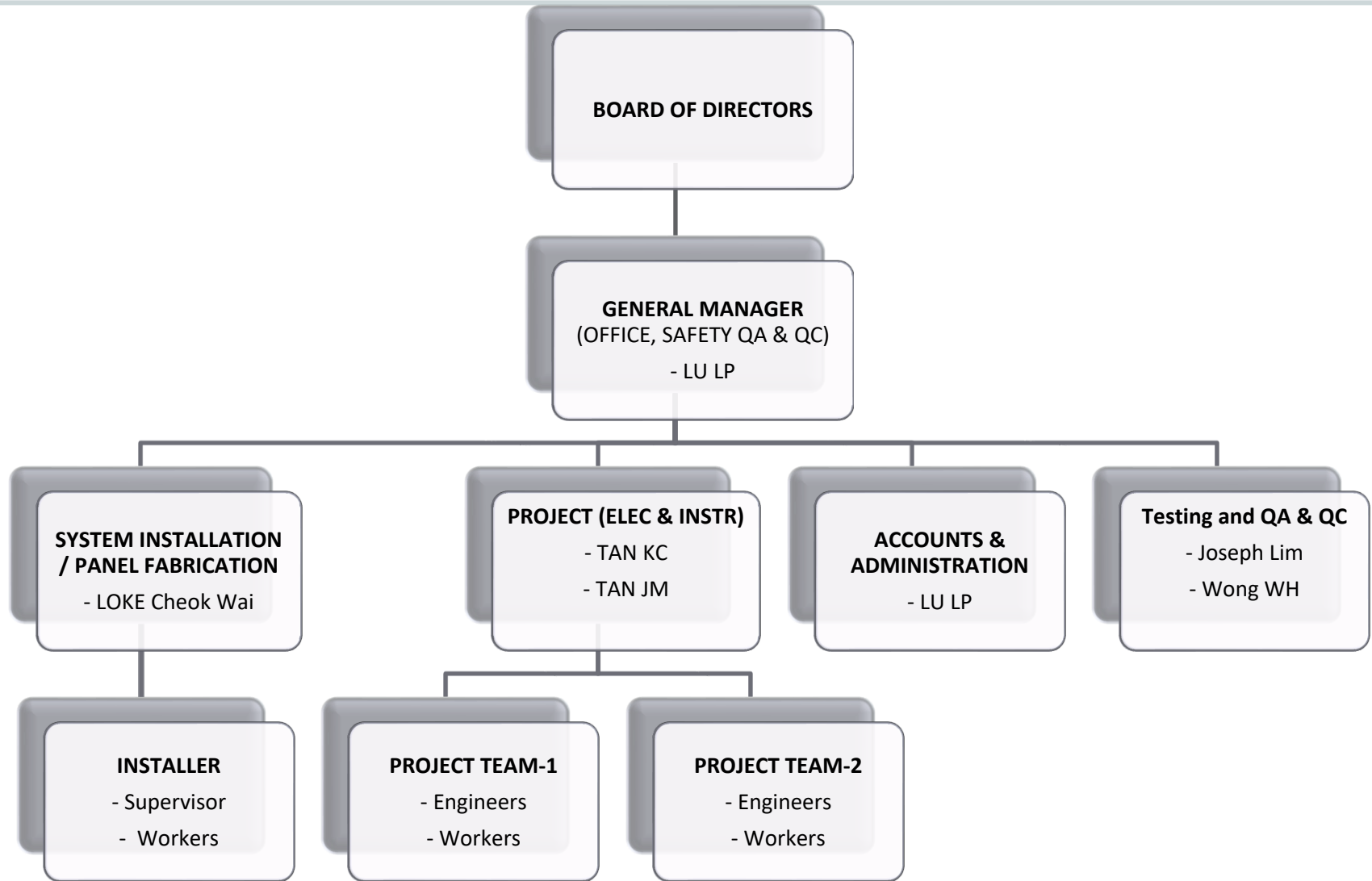


**REEEP CONTROL AND AUTOMATION Sdn Bhd** was incorporated on 11-11-11 by a team of energetic and experienced engineers. The company commits to provide a reliable, quality and safe work to clients.

**REEEP** is an acronym of **RENEWABLE ENERGY AND ENERGY EFFICIENCY PARTNERSHIP**. The company welcomes any corporation, company, energetic and experienced engineers to be partnering with us to form an integrated all-in-one business related with **electrical, control and automation industry**. The range of business includes product, system, project, engineering, installation & commissioning, training, operation and maintenance.

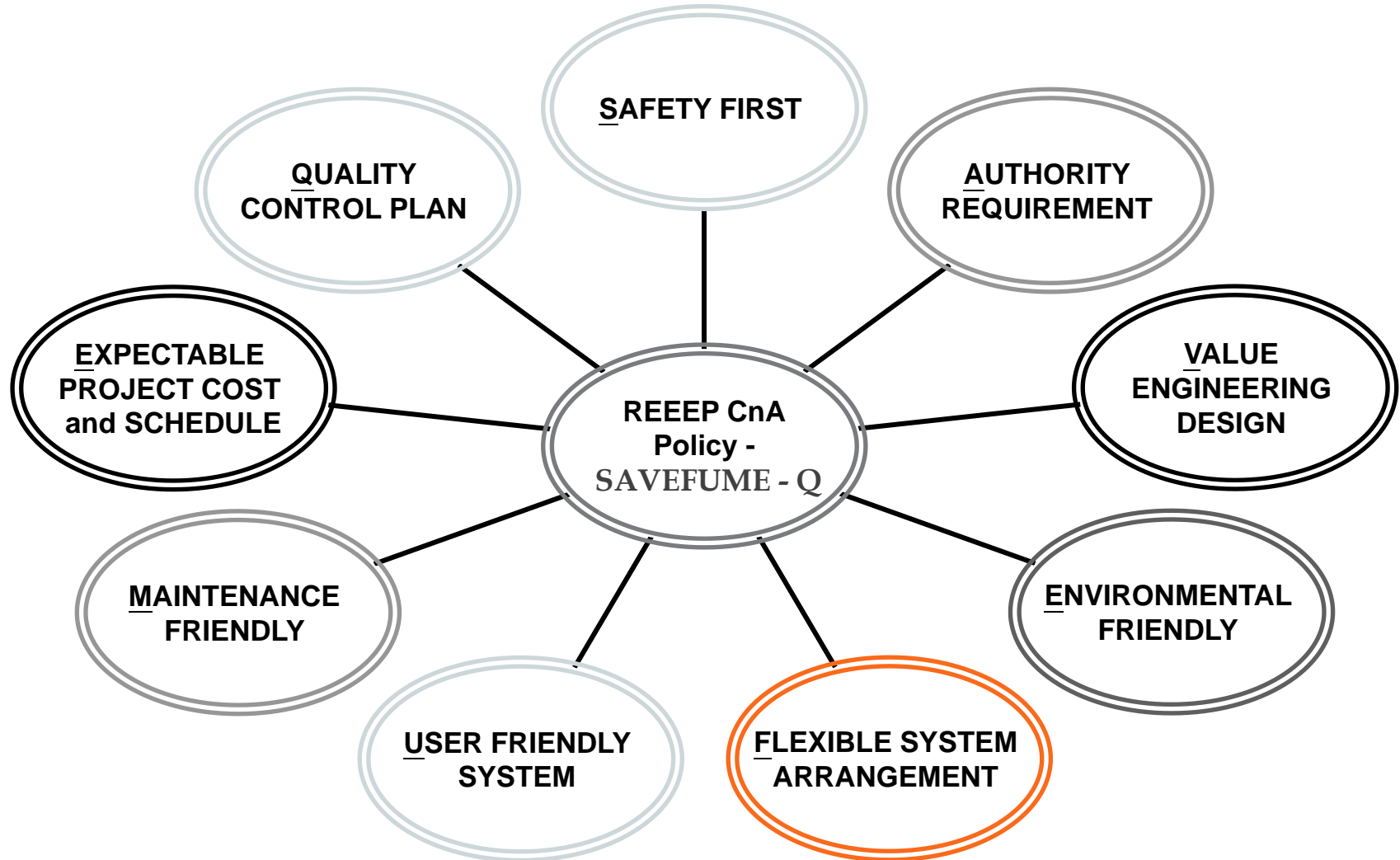
REEEP CONTROL AND AUTOMATION Sdn Bhd is associated with REEEP GROUP Sdn Bhd. The objective is to extend the integrated all-in-one services and business.

# REEEP CnA:- Organisation Chart





# Company Policy - SAVEFUME - Q





**2**

## **Scope of Services**

# Business Activities:- Projects



- ❖ **Renewable Energy**  
(Hydro, Biomass, Biogas & Photo-Voltaic Power Generation System)
- ❖ **Power Plant**  
(Power Generation System & Auxiliary Supply System)
- ❖ **Oil & Gas**  
(Off Shore & Petrochemical Industries)
- ❖ **District Cooling Plant**  
(Chiller System & Cogeneration Plant)
- ❖ **Utilities**  
(Switchyard, Substation & Water Treatment Plant)
- ❖ **Facilities**  
(Commercial building HVAC, lighting, car park management and control system)
- ❖ **Industrial**  
(Steel Mills, Palm Oil Mills, Paper Mills, Food Industries, Chemical Industries, Electrical & Electronic Industries, Automobile Industries & etc)
- ❖ **Commercial**  
(Hospitals, High Rise Buildings, Shopping Complex, Theme Parks & etc)

# Scope of Services:- Electrical System

- ❖ **Electrical Generation System**

(Gas Turbine Generator, Steam Turbine Generator, Hydro Turbine Generator, Diesel Generator & UPS System)

- ❖ **Electrical Distribution System**

(Switchyard, Substation, Switchgear, Transformer, Bus-duct, Switchboards, SCADA System, DC Control Wiring, DC Battery and Charger System, Sub-main Cable, Distribution Board, Metering System, Earthing System, Lighting Protection System)

- ❖ **Instrumentation and Control System**

(Distributed Control System, Field Instrument, Building Automation)

- ❖ **Energy Management**

(Power Management & Monitoring Systems)



# Scope of Services:- Control & Inst. System

- ❖ SCADA, PMS, ENMCS
- ❖ Relay Control Panel
- ❖ BAS, BEMS, DCS, APC
- ❖ Digital Signage System
- ❖ Area Network
- ❖ Medical Computing System
- ❖ Integrated Security System
- ❖ Traffic Control System
- ❖ Transportation Monitoring
- ❖ Package Control System
- ❖ Machine Control System
- ❖ System Platform Provider!

# SERVICES – Electrical System



- ✓ **Engineering**  
Design, Operation Philosophy, Technical Specification, Feasibility Study, Network Simulation, Project Management, Technical Audits.
- ✓ **Installation & Commissioning**  
HV & MV Switchgears, Transformers, Generators, LV Switchboards, Sub-circuits.
- ✓ **Operation & Maintenance Support**  
Troubleshooting & Retrofit.
- ✓ **Testing & Supervising**  
Supervising Installations, Protection Relay Coordination, Testing & Calibration.
- ✓ **Training**

# Products:- Electrical System



- ❖ Energy Management  
(HVAC Control System)
- ❖ Energy Efficiency  
(Variable Speed Drive, Voltage Optimizers, Power Factor Correction System, Harmonic Compensators)
- ❖ Power Generation  
(Gas Turbine Generators, Steam Turbine Generators, Diesel Generators, Auxiliary Systems)
- ❖ Power Distribution  
(High Voltage & Low Voltage Circuit Breakers, Switchgears, Transformers, Cables, Measuring Devices, Control Components, Manual Motor Starters)

# SERVICES & PRODUCTS - C & I System

- ❖ Engineering
- ❖ Installation & Commissioning
- ❖ Operation & Maintenance
- ❖ Testing & Supervising
- ❖ System Integration
- ❖ Customized Programming
- ❖ Controllers, Starter, VFD, SS
- ❖ Computer, Notebook, Tablet PC
- ❖ HMI, Touch Screen Panel
- ❖ Communication Cable
- ❖ Field Device, Instrument, Meter
- ❖ Servicing Solution Provider!



# Contents



**3**

**Major Reference of Experience**

# Experience – Project

| <b>PROJECT TITLE</b>  | <b>DESCRIPTION</b>  |
|---|---|
| <p><b>PROJECT CONTRACTING WORKS</b></p> <p><u>Clients:</u></p> <ul style="list-style-type: none"><li>- Messrs. IOI Acidchem Sdn Bhd</li><li>- Messrs. INSTRIKE Sdn Bhd</li><li>- Messrs. MACKENZIE INDUSTRIES Sdn Bhd</li><li>- Messrs. MING KOK INTERIOR Sdn Bhd</li><li>- Messrs. STANTA MAUSER (MALAYSIA) Sdn Bhd</li><li>- Messrs. Texas Chicken (Malaysia) Sdn Bhd</li><li>- Messrs. UG Global Resources Sdn Bhd</li><li>- Messrs. UG Engineering Sdn Bhd</li><li>- Messrs. N. S. UNI-GLOVES SDN. BHD.</li><li>- Etc</li></ul> | <p><b><u>Project Work – System / Services</u></b></p> <ul style="list-style-type: none"><li>- 33kV, 11kV and 6.6kV: Switchgear, Transformer, Cables</li><li>- Low Voltage System</li><li>- Extra Low Voltage System</li><li>- Earthing System and Lightning Protection System</li><li>- Telephone System</li><li>- Data Structure System</li><li>- Local Area Network</li></ul> |
|   |   |

# Experience – Switchboard

## Clients: / End-users

### **SWITCHBOARD MANUFACTURER**

- HAIDILAO @ IOI RESORT
- LOUIS VUITTON @ SURIA KLCC
- ROYAL SPORTING HOUSE STORE
- RSH (M) @ SUBANG JAYA
- SEPHORA @ SOUTH KEY MEGAMALL
- SOUTHKEY MALL JOHOR
- TEXAS CHICKEN – (Six Sites)
- Messrs. Dewon (M) Sdn Bhd
- Messrs. EV Connection Sdn Bhd
- Messrs. GPS Resources & Trading
- Messrs. Hyundai Engineering Co., Ltd
- Messrs. Kejuruteraan Bintai Kindenko Sdn Bhd
- Messrs. Lita Electrical & Mechanical Sdn Bhd
- Messrs. Meggrom Electrical Engineering Co.
- Messrs. Menang Electrical Enterprise
- Messrs. RLDE (M) Sdn Bhd
- Messrs. Telcall Engineering Sdn Bhd

## Panel Fabrication Work

- Main Switch Board and Sub-switch Board c/w Power Factor Regulator and capacitor bank
- Motor Control Center
- System Control Panel
- Distribution Board
- Metering Panel
- Retrofit Work
- Site Switchboard Maintenance Work

# Experience – Servicing Work and Testing Work

| <b>PROJECT TITLE</b>  | <b>DESCRIPTION</b>   |
|---|--|
| <b>SERVICING WORKS</b><br><u>Clients:</u> <ul style="list-style-type: none"><li>- Messrs. UG Global Resources Sdn Bhd</li><li>- Messrs. KCP Management Corporation</li><li>- Messrs. Progress Nursery Sdn Bhd</li><li>- Messrs. United Malayan Realty Sdn Bhd</li><li>- Messrs. Vale Malaysia Minerals Sdn Bhd</li><li>- Messrs. PAN ASIAN DAIRIES SDN. BHD.</li><li>- etc</li></ul>  | <b><u>Servicing Work</u></b> <ul style="list-style-type: none"><li>- Diesel Genset Retrofit, Repair and Services</li><li>- Nuisance Tripping Assessment Work, Normilzation electrical network</li><li>- Switch Board – CB Replacement, Service</li><li>- Transformer: Gasket Replacement work; Transformer Oil Filtration Work</li><li>- Transformer Safe-Guard Protection Test</li><li>- Site Switchboard Retrofit/Maintenance Work</li><li>- Capacitor Banks, Filters and Power Controller</li></ul> |
| <b>TESTING AND COMMISSIONING WORKS</b><br><u>Clients:</u> <ul style="list-style-type: none"><li>- Messrs. CAE Kuala Lumpur Sdn Bhd</li><li>- M/s Fook Huat Plastic Industries (M) Sdn Bhd</li><li>- Messrs. IOI Acidchem Sdn Bhd</li><li>- Messrs. Overseas Union Garden Sdn Bhd</li><li>- Messrs. UG Global Resources Sdn Bhd</li><li>- Messrs. Vale Malaysia Minerals Sdn Bhd</li><li>- Messrs. PAN ASIAN DAIRIES SDN. BHD.</li><li>- etc</li></ul> | <b><u>Relay Calibration Work / Commissioning Work</u></b> <ul style="list-style-type: none"><li>- Circuit Breaker – Test</li><li>- Primary Injection and Secondary Injection</li><li>- Earth Leakage Relay, Earth Fault Relay, Overcurrent Relay,</li><li>- ROCOF, Reverse Protection Relay</li><li>- Voltage Project relay</li><li>- Tangent Delta Test</li><li>- Insulation Test, Continuity Test</li><li>- etc</li></ul>  |



# Project Experience

| <b>PROJECT TITLE / DESCRIPTION</b>   | <b>ULTIMATE OWNER / CLIENT</b>   |
|--|--|
| <p><b>KOSSAN RUBBER ENERGY CONSERVATION PROJECT - MOTOR CONTROL CENTRE OF GAS ENGINE COMBINED HEAT POWER COGENERATION SYSTEM</b></p> <ul style="list-style-type: none"><li>- Design and Supply Control Panel for Heat Recovery System (MCC-COGEN): Three Sets</li><li>- Cabling Work for MCC-COGEN outgoing circuits</li></ul>   | <p><b>KOSSAN RUBBER INDUSTRIES BHD. / MACKENZINE INDUSTRIES Sdn Bhd</b></p>            |
| <p><b>ONE UNIT 6.5MW GAS TURBINE COGENERATION SYSTEM FOR ACIDCHEM AT PRAI, PENANG</b></p> <ul style="list-style-type: none"><li>- Design and Built Electrical System</li><li>- Electrical Sub-contracting Work</li><li>- Integrate the whole COMPLEX to be one network</li><li>- Power Measurement of the Existing TNB Intake Supply (1 x 33kV and 2 x 11kV)<br/>=&gt; Generate Profiles (Voltage, Frequency, Power Factor, Power Demand, Energy Consumption);<br/>Report and Recommendation</li></ul> | <p><b>ACIDCHEM INTERNATIONAL Sdn Bhd / SIME DARBY OFFSHORE ENGINEERING Sdn Bhd</b></p> |

# Project Experience

| <b>PROJECT TITLE / DESCRIPTION</b>   | <b>ULTIMATE OWNER / CLIENT</b>                                |
|--|---|
| <p>TOP GLOVE FACTORIES (No.3, 22 and 25)<br/>ENERGY CONSERVATION PROJECT FOR THE<br/>EPCC OF GAS ENGINE COMBINED HEAT<br/>POWER COGENERATION SYSTEM</p> <ul style="list-style-type: none"><li>- Design and Supply Control Panel for Heat Recovery System (MCC-COGEN)</li></ul> | <p>TOP GLOVE Sdn Bhd / MACKENZINE<br/>INDUSTRIES SDN. BHD</p> |
| <p>UP KEEPING WORK</p> <ul style="list-style-type: none"><li>- Rectification work of capacitor bank</li><li>- Technical Audit of Electrical Installation</li><li>- Cabling Work and Network Diversion</li><li>- Supply and Install Emergency light &amp; Keluar Sign</li></ul> | <p>STANTA MAUSER (MALAYSIA) Sdn Bhd</p>                       |
| <p>TOP GLOVE FACTORIES (No.21, 22 and 25)<br/>ENERGY CONSERVATION PROJECT<br/>Re - SCADA for Electrical Network Monitoring and<br/>Control (TNB+ CHP System)</p>   | <p>Client: GMP MEDICARE Sdn Bhd</p>                           |

# Project Experience

| <b>PROJECT TITLE / DESCRIPTION</b>   | <b>ULTIMATE OWNER / CLIENT</b>  |
|--|---|
| <b>PENANG AIRPORT EXPANSION</b><br>- Technical Manpower Support (Supervisor)   | CONSULTANT: ZAIDUN LEENG Sdn Bhd  |
| <b>PANASONIC PROJECT, KULIM</b><br>- Technical Manpower Support (Senior Engineer)  | CONTRACTOR: TEMACON ENGINEERING Sdn Bhd   |
| Design And Built Additional Distribution System<br>– Supply and Install 1600Amp 4P SSB<br>– Supply and Install Submain Cable<br>– Commissioning the system             | Client: GMP MEDICARE Sdn Bhd  |
| Design And Built Additional Distribution System<br>– Asses Existing Faulty DC Charger System<br>– Replace, Supply and Install New System<br>– Commissioning the system | Client:<br>- STANTA MAUSER (MALAYSIA) Sdn Bhd<br>- GMP MEDICARE Sdn Bhd<br>- TG MEDICAL Sdn Bhd |



## ***THANK YOU***



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