

CORPORATE INFORMATION

INTRODUCTION

ORGANIZATION CHART

COMPANY OBJECTIVES

OUR COMMITMENT

GRACE GROUP OF COMPANIES

PROJECT REFERENCE

PROJECT INSTALLATION PHOTOS

CERTIFICATION, REGISTRATION & MEMBERSHIP

ADDRESS



Company Registration No.	198104468H
Year of Incorporation	1981
Registered Address	28 Kian Teck Road Singapore 628777
Office/Warehouse	28 Kian Teck Road Singapore 628777
Telephone No.	(+65) 6741 3423
Fax No.	(+65) 6741 7506
Email Address	geepl@singnet.com.sg
Approved Training & Testing Centre(ATTTC)	103 Second Lok Yang Road, Singapore 628173
Telephone No.	(+65) 6264 3622 (+65) 6264 3290
Fax No.	(+65) 6264 3465 (+65) 6264 4733
Email Address	enquiry@graceattc.com

Corporate

Information



Introduction

GRACE ELECTRICAL ENGINEERING PTE LTD, has been incorporated in Singapore since 1981.

Having been the industry for over 30 years, we pride ourselves on our quality services we provided to our customers which has resulted in our certification of ISO 9001:2008, a symbol of quality assurance.

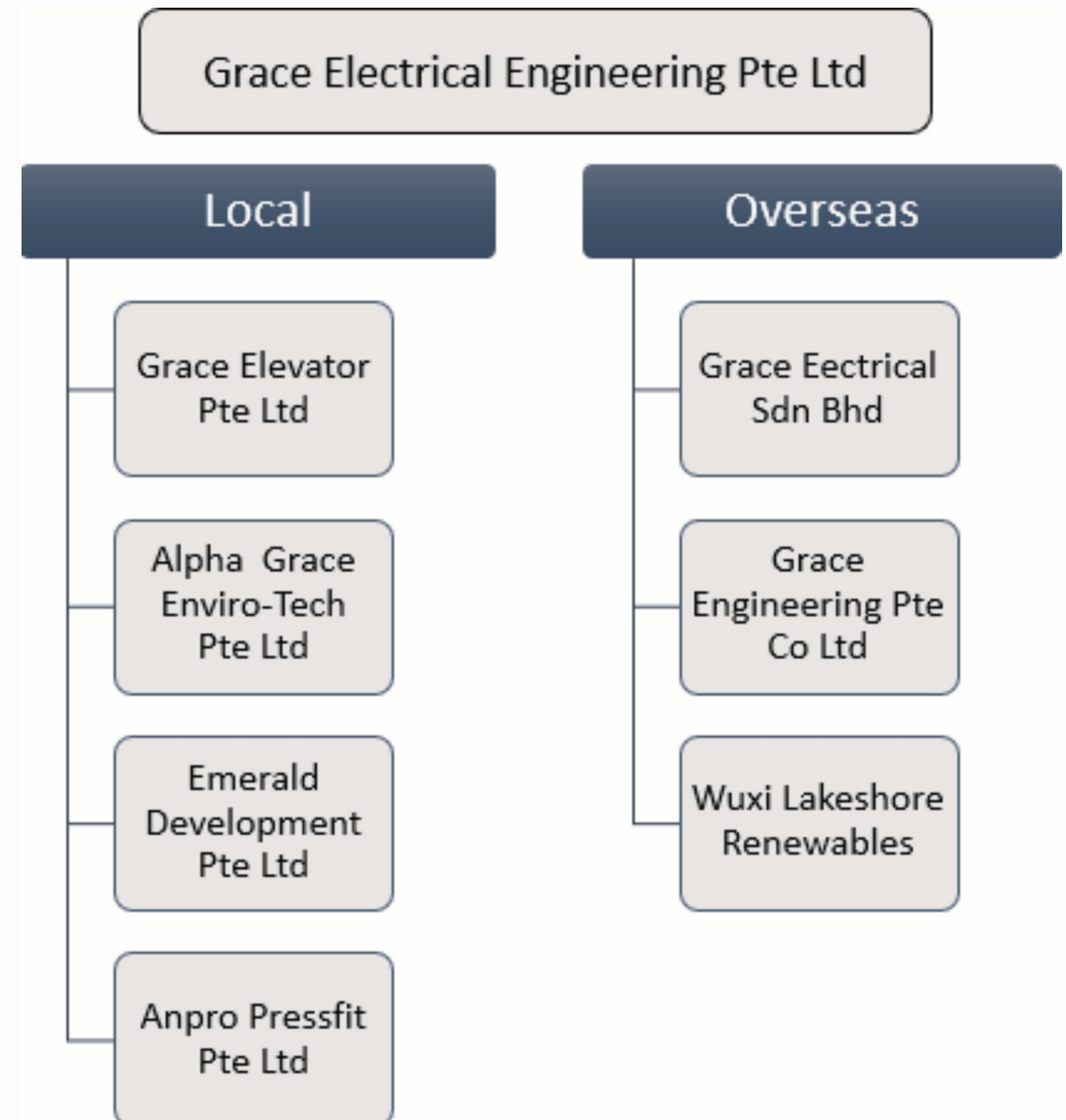
Our reputation has been established on the basis of complete commitment to quality service and a flexible approach to our customers' requirements. This commitment is shared by every member of our company and is applied to every customer so as to provide not only excellent services and workmanship but also on time completion on all our projects.



We have been receiving positive feedbacks from our clients ranging from Private Organizations to Multi-National Companies as well as our project associates in all project which spurs us on for more quality and committed services.

In order to extend our excellent services and provide a more comprehensive services to our client, the company has diversifies its core business from solely electrical installation to a multi-discipline Mechanical and Electrical competent organization with operation in both Singapore and Malaysia.

Organization Chart



Company Objectives

- To be a value-added company that provides total solutions to our clients & customers continuously.
- Our deliveries & qualities of products, services, systems and solutions rendered will meet with our clients & customers expectations.
- Projects delivered well is all about good team work and project management.



Our Commitment

- Our commitment to our Clients & Customers is to ensure that the projects & tasks that we are engaged to undertake will be delivered On Time, within Reasonable Budget, meeting Design Criteria & Specification, attainment of Safety at all material time, and having Minimal Impact to the environment.
- We are Committed to Improved on our Operational & Systematic Procedures & Process continuously.
- To aim Zero Reportable Safety accidents at site in accordance with the Factories Act.



Grace Group of Companies

[GRACE]

Grace is a private limited company registered and incorporated in Singapore since 1981.

Reputably established in the industry for over the past thirty (30) years, Grace under management of Mr. Heng Sin Huat and its Management Team in Singapore and Malaysia has successfully delivered projects that had received many positives feedback from Private Organization and Multi-National Corporations as well as Project Associates.

Accomplishing quality services leads to the attainment of the Certification of ISO 9001:2008 which symbolizes the Quality Assurance.

Commitment to quality services and adopting a flexible approach to our customers' requirements provide a platform of working relationships with our customers and associates.

Excellent services and workmanship spurred on team members to timely completion of projects undertaken.



Comprises of the following :



Project Division :

- Grace Electrical Engineering Pte Ltd
- Grace Engineering Sdn Bhd (Malaysia)
- Grace Elevator Pte Ltd

Approved Training & Testing Centre (ATTC) :

- Grace Electrical Engineering Pte Ltd

Trading Division :

- M&E Grace Trading Enterprise (Singapore & Malaysia)

Grace Group of Companies core competencies lie in the following areas :

- Electrical Systems Installation;
- Transmission & Distribution Line Cabling Works
- Refineries, Petrol Chemical & Power Plants
- Industrial, Residential & Commercial Building
- Metal Fabrications & Engineering Works
- Supply of Electrical Equipments, Tools & Accessories
- Air-Conditioning & Mechanical Ventilation Systems
- Fire Fighting & Safety Equipment Systems
- Mechanical & Control Systems
- Security & Surveillance Systems
- Lift & Escalator

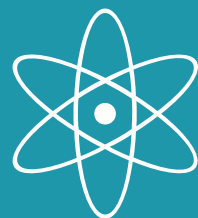


Grace Group of Companies comprises of the following :

Dedicated and committed services are continuous responsibility of the Management Team that ensures timely and pragmatic deliveries.

Experienced and Trained staff is in place to provide yet a simple, effective and efficient Systematic Procedures and Processes that aids in the Project Deliveries.

Solutions and Services are what we commit to fulfill and deliver so as to meet if not Exceed the Varying Needs & Expectations of our Clients & Customers.



Since our establishment in 1981, Grace Electrical Engineering Pte Ltd successfully delivered projects for Electrical, ACMV, Security, Control Lift, Escalator and etc. to our satisfied customers.



Type of major project completed in both Singapore and Malaysia:

- Hydro-electrical power plan
- Sub-station
- Gas Turbine Generator
- High Grade Water Reclamation Plant
- Commercial Building / Factory / Warehouse
- Residential Building
- Public Housing
- School
- Elevator / Escalator
- Others

Project Reference

Oil Refinery/ Chemical Industries



720MW COMBINED CYCLE POWER PLANT – PANGLIMA @ MELACCA

Singapore Gasification Hub Project

Instrumentation Works – Completed 1999 (Singapore)

100% Scale-Up Works – Completed 1999 (Singapore)

Electrical Works – Completed 1998 (Singapore)

4 x 150MW Hydroelectric Power Plant

Electrical Works – Completed 1996 (Pergau, Kelantan, Malaysia)

4 x 140MW Gas Turbine Generator

Electrical & Instrumentation Works – Completed 1993

(Connaught Bridge, Malaysia)

7 x 100MW Gas Turbine Generator – Phase I & II

Electrical & Instrumentation Works – Completed 1994 & 1995

(Pasir Gudang, Malaysia)

Commercial Building / Factory / Warehouse



Jurong Community Hospital
(Ng Teng Fong Hospital)
Data & Fibre Cabling Works –
Completed 2014



The Splendour @ Bukit Batok Crescent
Electrical Works & Lift Installation –
Completed 2012



The Elitist @ Bukit Batok Crescent
Electrical Works – Completed 2013



Premier @ Kaki Bukit
Electrical Works – Completed 2014

Others

Micron Fab 10 Extension
(Fab 10X) F11D – Completed 2016

Residential



Guilin View Condominium
Electrical Works – Completed 1998



Regent Height Condominium
Electrical Works – Completed 1997



Stratum @ Pasir Ris Drive
Electrical Works & Platform Lift
Installation – Completed 2016



Mayfair Condominium
Electrical Works – Completed 1999

Others

Hume Park 1 Condominium – Completed 1994
Hume Park 2 Condominium – Completed 1995
Guilin View Condominium – Completed 1998
Hillview Park Condominium – Completed 1994
Hillview Heights Condominium – Completed 1994
Parc Oasis Condominium – Completed 1993
7 Palms @ Sentosa Cove – Completed 2014
Terrene @ Bukit Batok – Completed 2013
Boulevard Vue – Completed 2015

Public Housing



N8C32C @ Tampines Street 86
Electrical Works & Escalator
Installation - Completed 2016



Dawson Contract 2
Electrical Works - Completed 2015



Upgrading Project for G146F, Yishun
Electrical Works - Completed 2015



Upgrading Project for G146F, Yishun
Electrical Works - Completed 2015

School



Jurong West Secondary School
Electrical Works - Completed 2001



Catholic High School
Electrical Works - Completed 2004



Cerebral Palsy Centre Special School @
Pasir Ris
Electrical Works - Completed 2003



Guang Yang Primary School @ Bishan
Electrical Works - Completed 2012

Others

Guang Yang Primary School @ Bishan
- Completed 2012

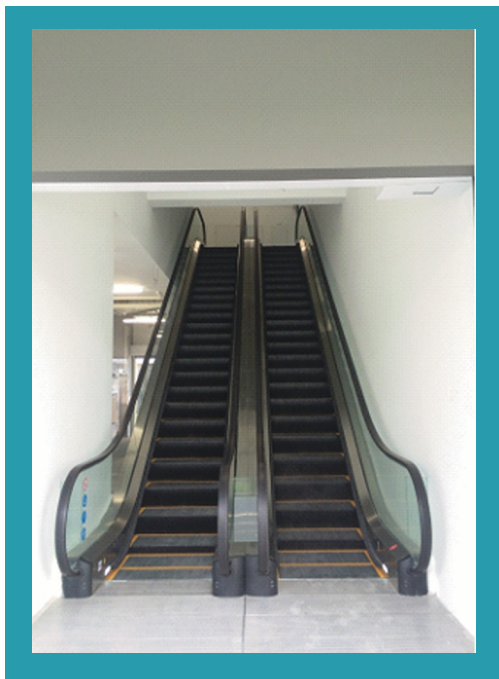
Elevator / Escalator



K + N Pioneer



26 Benoi Place Eng Huat Industries



N8C32C @ Tampines Street 86



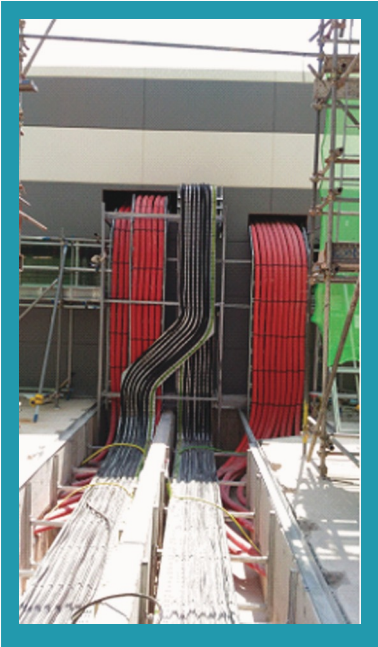
The Splendour @ Bukit Batok Crescent

Project Installation Photos

Sub-station /



Industrial Plant /



Industrial Plant /



High Tension Switchgear and Transformer
Micron Fab 10 Extention (Fab 10X) F11D



Micron Fab 10 Extention (Fab 10X) F11D
High Tension Switchgear and Cabling

Project Installation Photos

Commercial Building, and Factory /



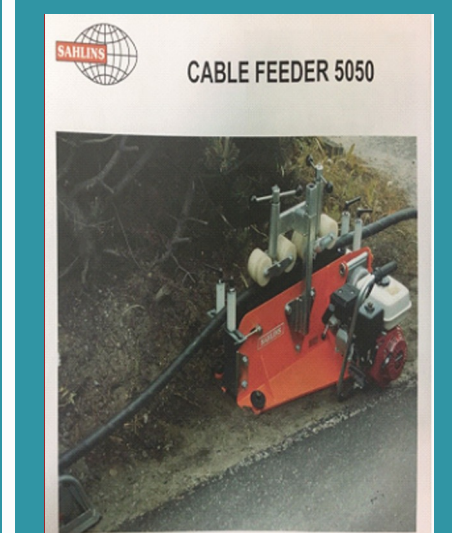
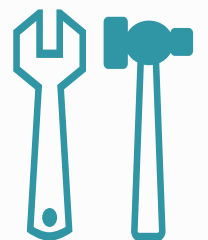
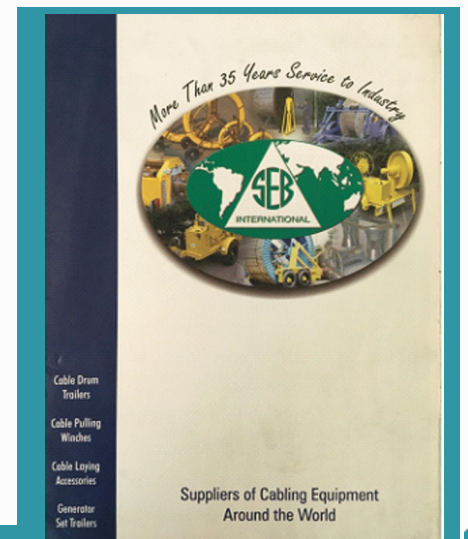
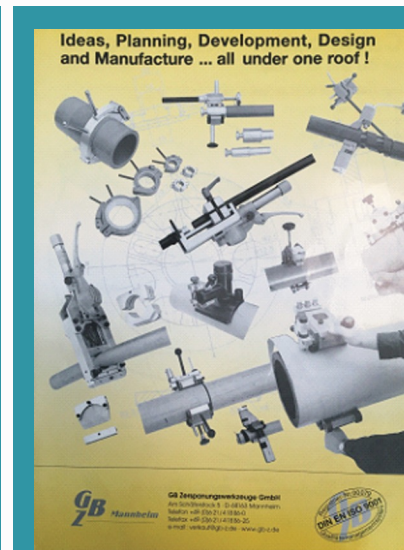
Low / Middle Voltage Switchboard and Busduct

Commercial Building, Residential and Public Housing /



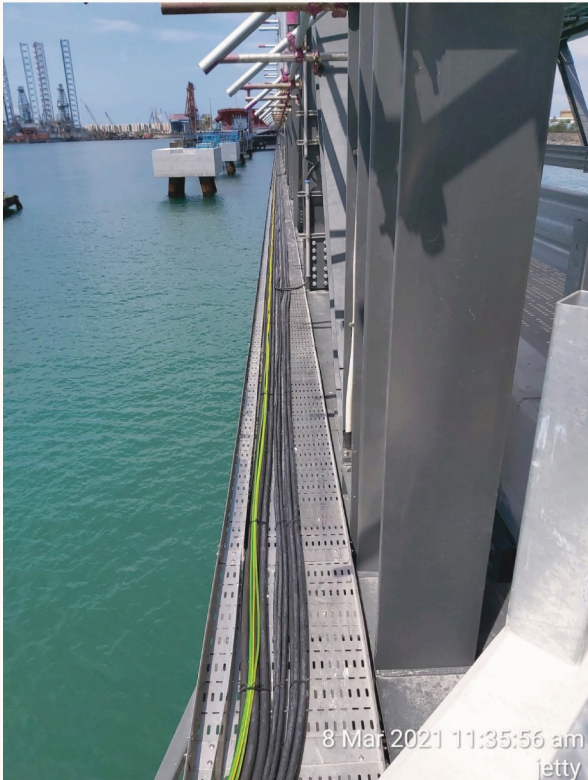
Underground HT / LT Cabling Works

Engineering Tools /



Project Installation Photos

Jetty Terminal



Lighting / Power /Lightning Installation



Lighting / Power /Lightning Installation



Grace Electrical Engineering Pte Ltd
Approved Training and Testing Centre (ATTC)

Training & Testing Center

- Electrical wiring installation



- Lift installation





Engineering projects in the microelectronics industry



此项目创新采用TMF管式膜工艺，通过浓缩循环工艺实现65%-70%废水回用纯水车间。该工艺凭借高强度/耐污特性（SS耐受力>2000mg/L），成功替代传统重力澄清法，过滤效果稳定高效，获评市级节水示范工程。

This project innovatively adopts the TMF tubular membrane process, achieving 65%-70% wastewater reuse in the pure water workshop through a concentrated recycling technique. With its high-strength and anti-fouling properties (tolerating SS >2000mg/L), the process successfully replaces traditional gravity clarification, delivering stable and efficient filtration performance. It has been recognized as a municipal-level water-saving demonstration project.



Client: LEADSTAR Micro-crystal Display corporation (Jiangsu) Ltd.

Project Name: 68 T/H pure water system engineering-Completed 2021

Project Reference



Client: Wuxi Hi-Tech Water Co., Ltd.

Project Name: 50,000 T/D wastewater upgrade project-Completed 2020



Client: Jiangsu Zun Yang Electronic Technology Co., Ltd.

Project Name: 48 T/D organic wastewater near zero discharge system-Completed 2023



Client: Tong Fu Microelectronics Co., Ltd.

Project Name: 50 T/H mill waste water reuse project-Completed 2022

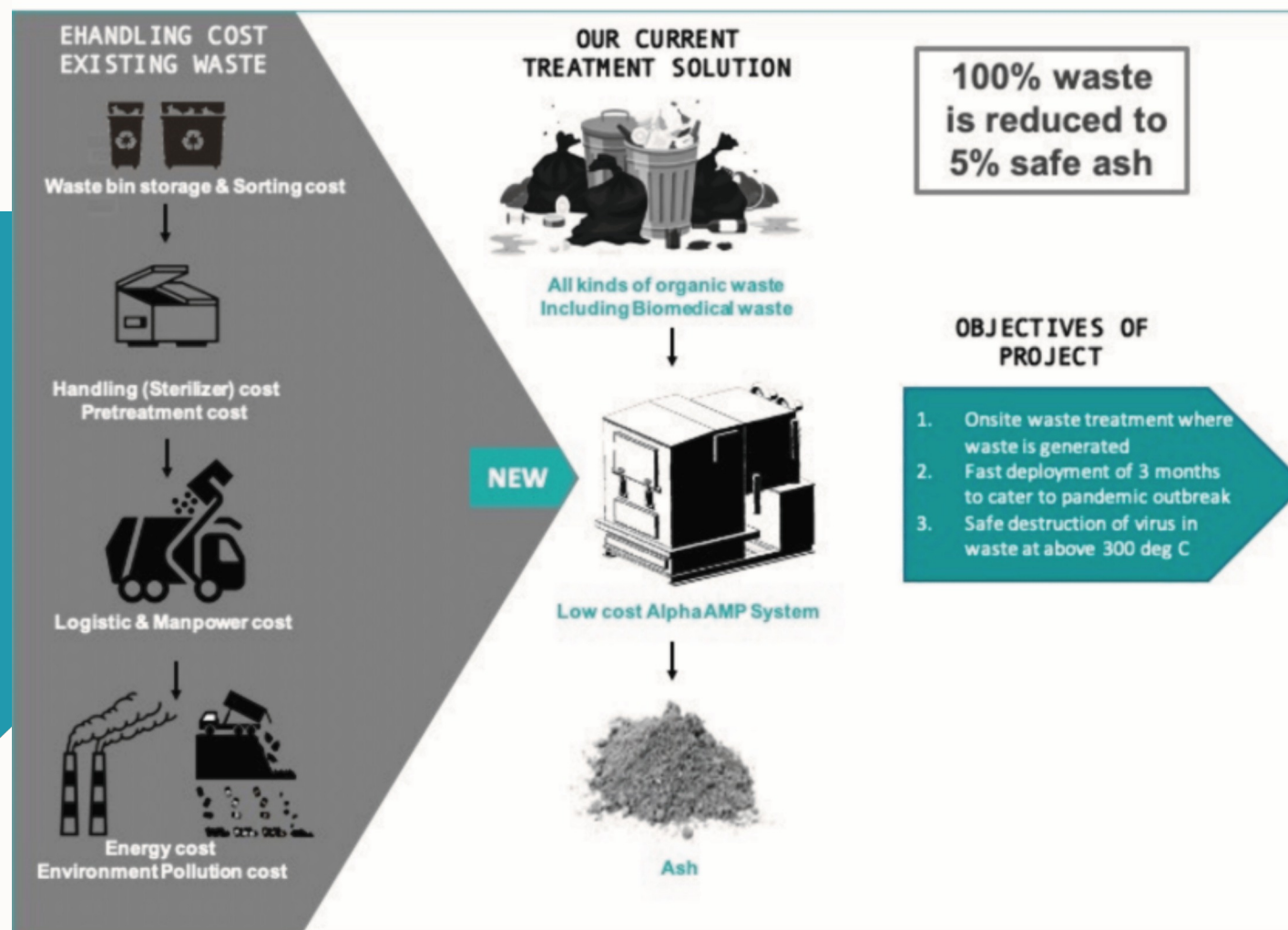


Client: Tong Fu Microelectronics Co., Ltd.

Project Name: 235 T/H wastewater treatment system-Completed 2023

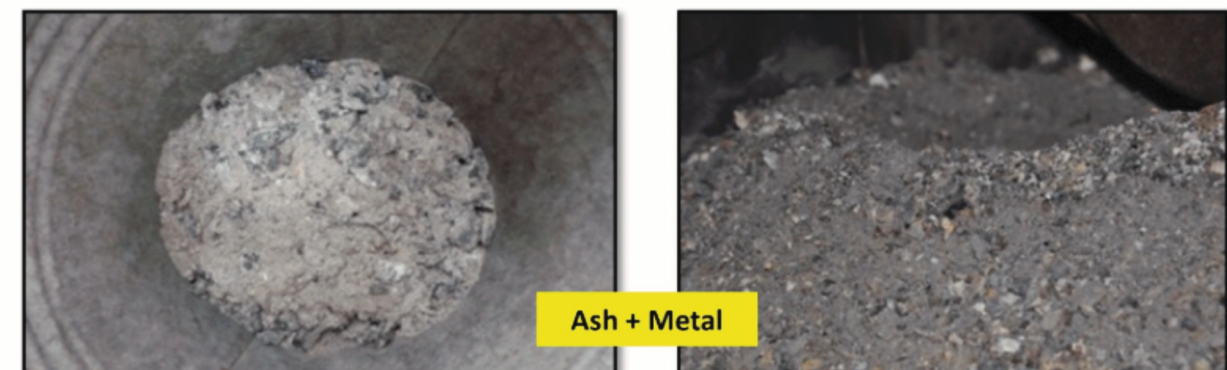


AGE'S SOLUTION FOR BIO-MEDICAL WASTE



Model	Width	Depth	Height	Capability	Input Volume	Weight	Electrical (average)
AMP-500 main chamber	1.9m	10.0m	2.2m	5m³/day	~210 KG/Hr	9000 kg	3ph 415V 2 kwh

PHOTO REFERENCES – BIO MEDICAL WASTE



Grace Equipment Applications



建筑工程
construction work

Construction work in building projects involves a large amount of temporary sporadic electricity usage, which is usually connected to the main power supply through a three-level distribution system. The emergence of engineering power supply breaks the limitations of the original three-level distribution system for temporary power cables, enables wireless operation, greatly improves electricity efficiency, and reduces electricity costs.



基建工程
Infrastructure engineering

Infrastructure construction projects have the characteristic of linear operation, and are mostly high-power machinery. Different combinations of power generators are configured to meet their electricity needs. The emergence of engineering power sources has solved the shortcomings of high energy consumption, low efficiency, loud noise, and heavy pollution in Linlin generators, resulting in efficient electricity consumption, cost reduction, and efficiency improvement.



维保工程
Maintenance Engineering

Construction work in building projects involves a large amount of temporary sporadic electricity usage, which is usually connected to the main power supply through a three-level distribution system. The emergence of engineering power supply breaks the limitations of the original three-level distribution system for temporary power cables, enables wireless operation, greatly improves electricity efficiency, and reduces electricity costs.



Technical Advantages

满足施工临电要求
Meet the requirements of temporary power supply

低压直流、隔离电网
Low voltage DC, isolated power grid

一机一闸一空开
One machine, one brake, one air switch

破解3米临电距离限制
Cracking the 3-meter distance limit for power access

220/380V灵活切换
Flexible switching between 220/380V

220伏最大功率10.2kw
220V maximum power 10.2kw

380伏最大功率100kw
380V maximum power 100kw

并联发电机、无限续航
Parallel generator, unlimited endurance

满足99%工程机械电力需求
Meet 99% of engineering power demand

智能管控 高效充电
Intelligent control and efficient charging

OTA远程管理系统
OTA remote management system

集中充电共享临电管理
Shared temporary power management

破解3米临电距离限制
Cracking the 3-meter distance limit for power access

三重安全保障
Triple security guarantee

品牌磷酸铁锂电芯
Brand Lithium Iron Phosphate Battery Cells

三重分容 三重老化
Triple capacity and triple aging

气溶胶灭火加强防护
Aerosol fire extinguishing strengthens protection

工程级结构保障
Engineering level structural support

高强度钣金结构防护
High strength sheet metal structure protection

多重防尘 防潮 防水保障
Dustproof, moisture-proof, and waterproof

便携轮式通行保障
Portable wheeled traffic support

超强带载保障
Super strong load protection

自均衡大流量BMS板
Self balancing high flow BMS board

三倍峰值功率
Triple peak power

超长破坏性测试验证
Ultra long destructive testing verification

Case Presentation

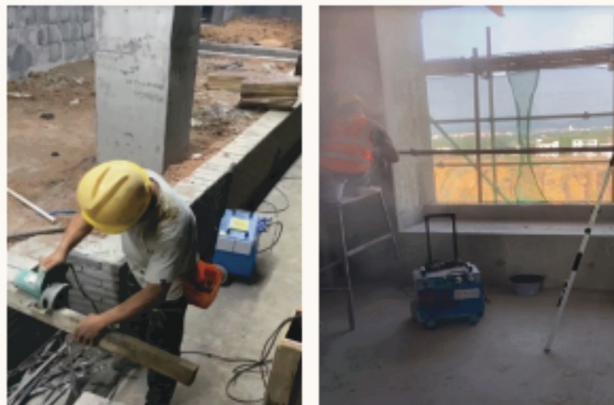
深圳燕罗智能网联车产业园
Shenzhen Yanluo Intelligent Connected Vehicle Industrial Park



广州三龙湾项目
Guangzhou Sanlongwan Project



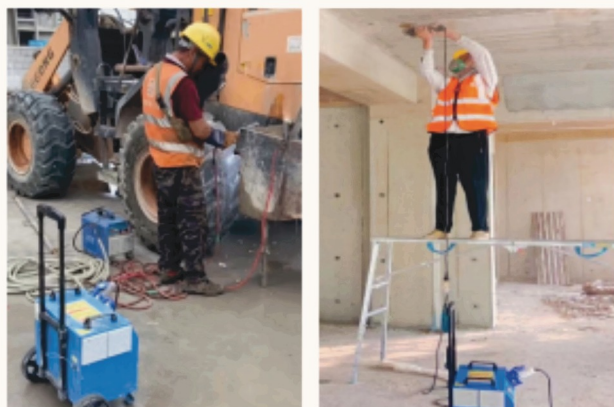
南沙融捷锂电池基地项目
Nansha Rongjie Lithium Battery Base Project



大亚湾核电分布式光伏项目
Daya Bay Nuclear Power Distributed Photovoltaic Project



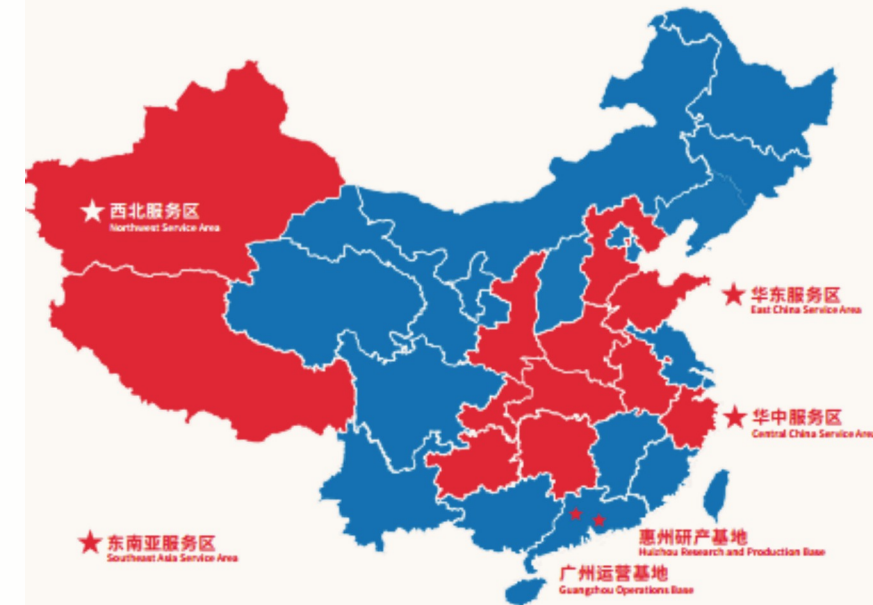
广州江语上品苑项目
Guangzhou Jiangyu Shangpinyuan Project



其他应用(矿山、市政、桥梁等)
Other applications (mining, municipal, bridges, etc.)



Development History



● 2022年10月 October 2022

▼ 源于老生常谈行业
痛点、用电困难

Originating from industry pain
points and difficulties in electricity
usage difficulties in electricity usage

● 2023年3月 March 2023

▼ 启航研发

Embark on research and
development

● 2023年8-12月 August December
2023

▼ 天安、融捷、海棠湾等项目
测试产品效果

Tian'an, Rongjie, Haitang Bay and other
projects tested product effectiveness

● 2024年4月 April 2024

▼ 设厂布生产

Establish a factory and start production

● 2024年5月 May 2024

▼ 新品开发(逆变器、磐石
380V移动电站等)

New product development (inverters,
Panshi 380V mobile power station, etc.)

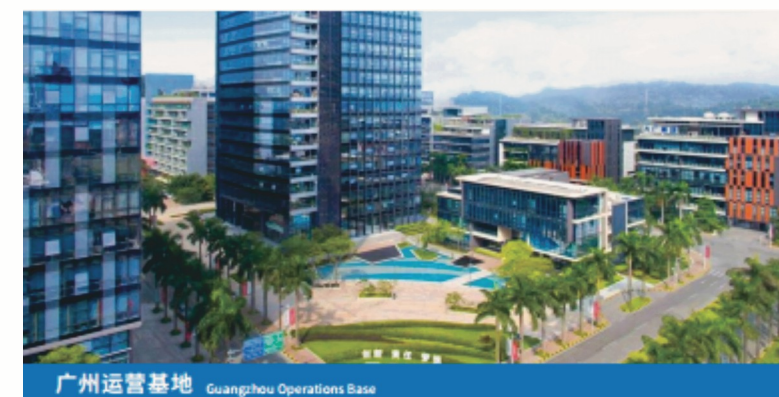
● 2024年10月 October 2024

扬帆起航 行业认可

Setting sail and gaining industry
recognition



惠州研产基地 Huizhou Research and Production Base



广州运营基地 Guangzhou Operations Base

Cerfitication Registration Membership



Address

Malaysia

Grace Engineering Sdn Bhd
No. 4 Jalan Timah 1
Taman Sri Putri
81300 Skudai
Johor Bahru
Johor Malaysia

China

Wuxi Lakeshore Renewables
Technologies Co., Ltd
Add: Building C, No.47,
Zhujiang Road, Xinwu District,
Wuxi City, Jiangsu Province,
China 214028
Tel: +86-510-8225 5000
Service Hotline: 400 710 1700

Singapore Head Office

Grace Electrical Engineering Pte Ltd
Thailand

Grace Engineering Pte Co Ltd
28 Kian Teck Road
Singapore 628777
Tel : (+65) 6741 3423
Fax : (+65) 6741 7506
Email : geepl@singnet.com.sg

Approved Training & Testing Centre (ATTQ)

103 Second Lok Yang Road
Singapore 628173
Tel : (+65) 6264 3622
(+65) 6264 3290
Fax : (+65) 6264 3465
(+65) 6264 4733
Email : enquiry@graceattc.com