



Global
Infrastructure
Engineering

COMPLETE ENGINEERING SOLUTION

www.giesg.com



Your Reliable Partner in

Valve Automation & Mechanical Service

Established in 2016 with Singapore as headquarter, “**Global Infrastructure Engineering**” has branches in Malaysia, Thailand and Myanmar. G.I.E specializes in Mechanical Services such as **Valves & Control, Actuators, Pump, Valve integration, Field instrument Calibration** (Pressure, Temperature & Level), **Bolt tensioning vs torquing, In-situ flange repairing** and **In-situ pressure safety valves repair & testing**.





We are also providing Control & Safety Valve Training (Fundamental of maintenance, Testing with standard compliance and Total Valve Management)

All our services are carried out under vigilant service personnel who have extensive expertise in valve manufacturers such as Rotork, Fisher, Masonelian, IMI, Norgren, API Demark, Consolidated, Sarasin, Crosby (Anderson Greenwood), Cameron, Copes Vulcan, Weir Control (Trillion) and Quam(Italy).

We are providing services to Oil&Gas, Offshore, Power, Petrochemical and Foods industries in Asia Pacific and beyond.

FACILITIES

**Motorized
valve
integration
and servicing**

**Control
valve servicing**

**Electric valve
Testing
(Safety
Valve)**

**Safety valve calibration,
overhaul servicing & Live testing**

**Flange
management
(In situ flange
machining)**

**Bolt
Torquing**

**Field
Instrument
calibration**

GIE TEAM

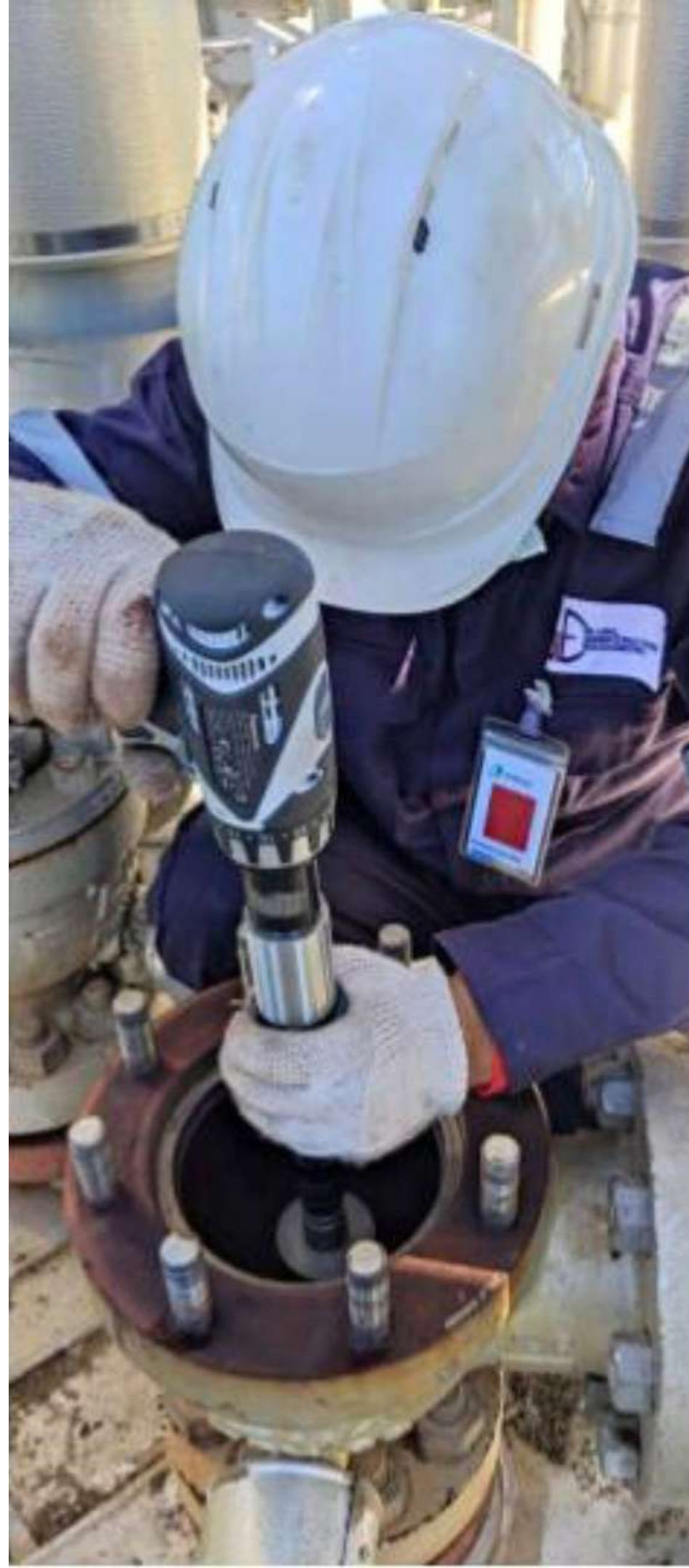


FACILITIES

(20Ft Mobile TestBench
Container-200 Bar)



VENTIL IN SITU LAPPING MACHINE



UNIGRIND VALVE LAPPING MACHINE (UP TO 18 INCHES)



HRSG BOILER HP DRUM SAFETY VALVE SERVICING



INSITU CONTROL VALVE SERVICING



ON-SITE MACHINING



ON-SITE SERVICING 24 INCHES VELAN MOTORIZED VALVE



IN SITU SAFETY VALVE SERVICING



IN SITU CONTROL VALVE SERVICING



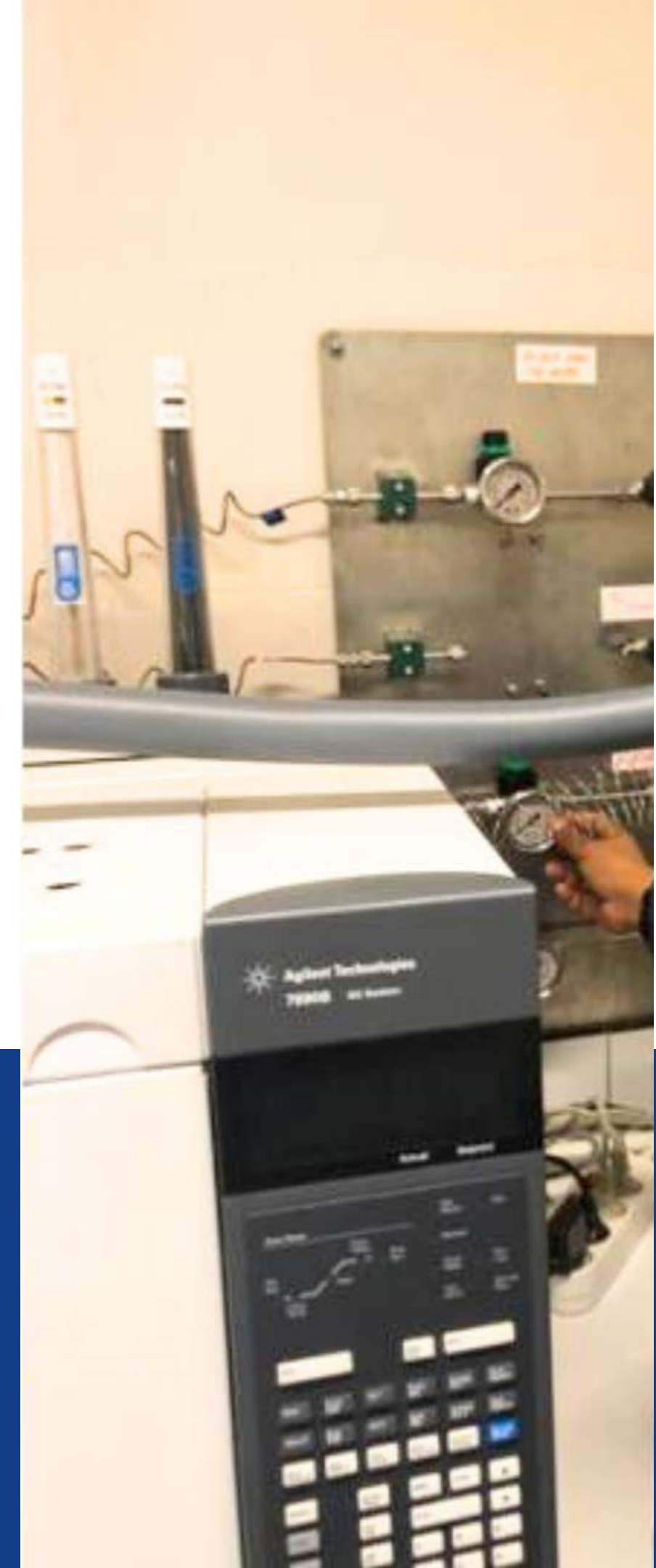
EVT (PREVENT TEST)



INTERLOG VALVE COMMISSIONING DUBAI



ON-SITE COMMISSIONING



COMPANY OVERVIEW



Singapore

- Jurong Engineering Limited
- Veolia ES Hazardous Waste Management
- Va tech Wabag (Water Plant)
- Electromech Water (Water)
- Waterchem (Life Science)
- PT McDermott
- A G S Flow Solution Pte Ltd

Philippine

- GN THERMAL Power Plant

Myanmar

- POSCO DAEWOO
- Sembcorp Power Plant
- JFE Waste Energy Plant
- Heineken Myanmar Limited
- Daw Nyein Gas Terminal MOGE
- Power China Thakada Power Plant
- Power China Kyauk Phyu
- Max Power
- Puma energy
- Denko
- Max Energy
- Thatone power
- GE (Fieldcare)
- Jurong Engineering (Myanmar)
- ASRU Pangpat

Vietnam

- Nhi Son Power Plant
- AES Power Plant Muon Dong Power

Thailand

- Rojana Power Plant 3

Dubai

- PEC Process Systems
- Drydocks FPSO

CUSTOMER RECORD

AUTOMATION & ACTUATION

VALVE ACTUATORS

IQ3 Generation Actuators

- All new design with updated visual appearance
- Configurable using Bluetooth® or infrared
- Designed to support asset management
- Advanced process control

- Asset management with data capture
- Non-intrusive local controls
- Torque and limit sensing
- 5 times safety overload design rating



- IQ10/12/18
- IQ19/20/25
- IQ35
- IQ40/70/90/91/95

AUTOMATION & ACTUATION

VALVE ACTUATORS

Self Contained Electro Hydraulic Actuator

- Fail Safe Electric Actuators
- Non Intrusive Setup
- Partial Stroke test Capability
- ESD Option Logical or Hard wired
- Sil 2 & Sil 3 Capable to EC 6150:2010

- Torque rang: 1.2 to 8000KN for Linear Actuator
- Accuracy, Dead Band and hysteresis less than 0.2%
- Local Control Option
- Fail Freeze option.



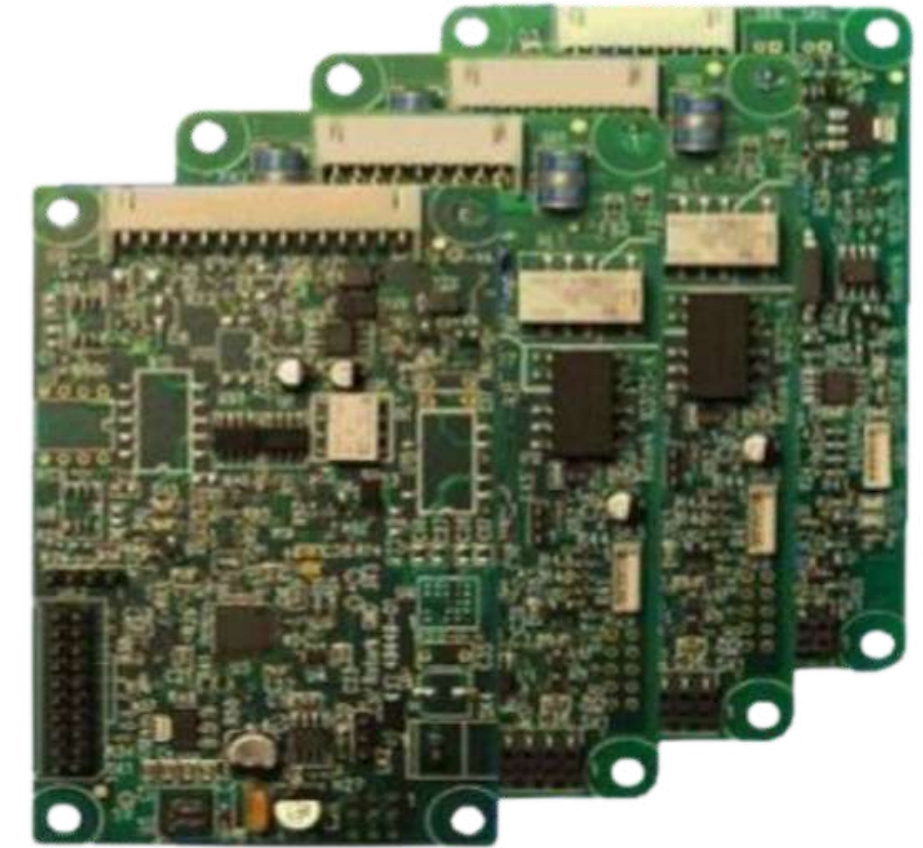
- Rotex EHF – Compact Series Actuator

AUTOMATION & ACTUATION

VALVE ACTUATORS

IQ3 generation Actuators

- Options connected via separate internal CAN serial interface using Common Protocol
- Up to 4 option cards can be fitted using new style card frame
- Options available:
 - Pakscan
 - Modbus
 - Profibus
 - Foundation Fieldbus
 - Hart
 - DeviceNet
 - Up to 12 relays
- Folomatic / CPT



AUTOMATION & ACTUATION

VALVE ACTUATORS

- DNV Type Approved
- 32 NM to 5000NM Range
- Atex Certified comply with SIL
- Able to operate by Air & Natural Gas
- Prooven for long lasting without any service requirement.
- Options Available for Harsh Environment application
- SR. & DA options able to modify without changing the actuator.

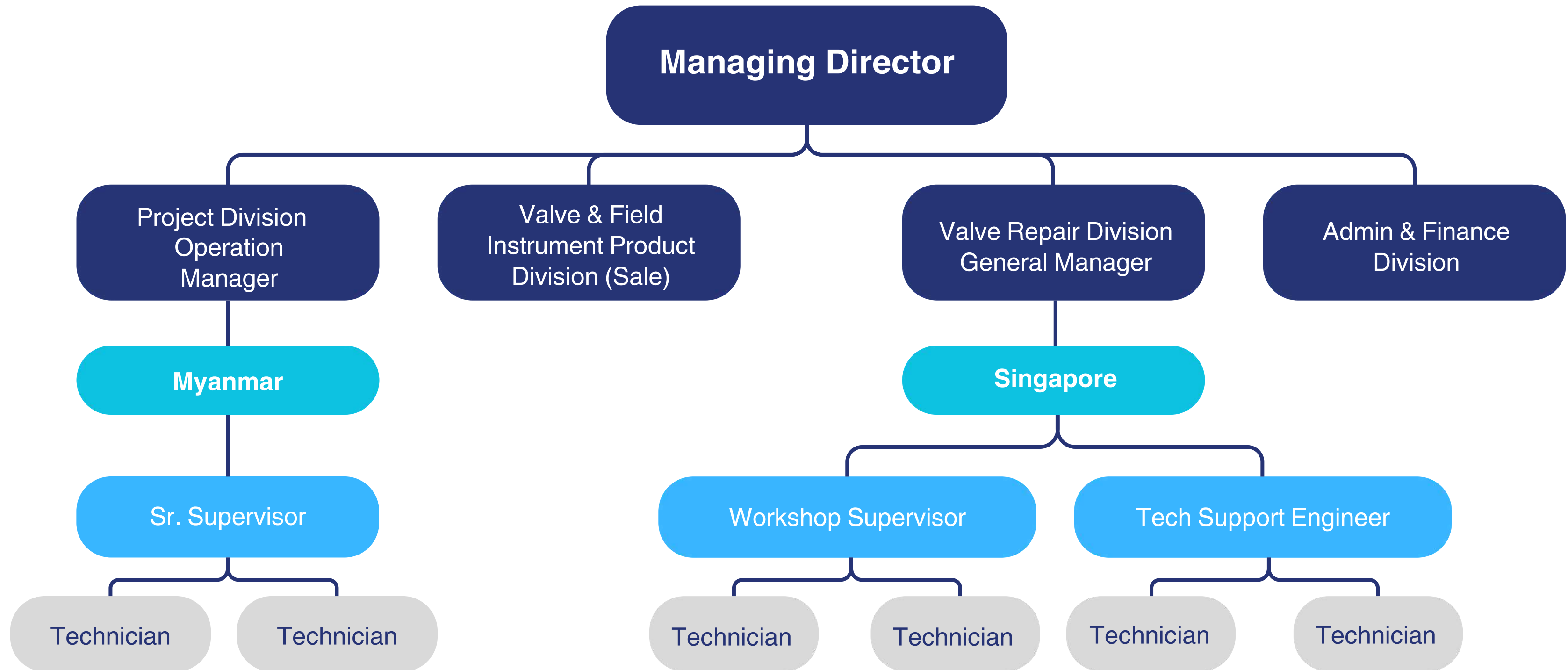


SERVICES, MACHINING, ASSEMBLY AND TESTING

- Valve Pressure Testing
- Control Valve Calibration
- Control Valve Services
- Valve Components Machining
- Valve Modification & Testing
- Electrical Actuator Services
- 3rd Party Class Test Arrangement
(ABS/DNV (Formerly DNV GL) Lloyds/ BV/
RMRS/IRS)
- Components Machine & Refurbishment

GLOBAL INFRASTRUCTURE ENGINEERING PTE LTD

ORGANIZATION CHART (Technical Staff Only)



Our Certifications

CERTIFICATE*СЕРТИФИКАТ*CERTIFICATO*SERTEFIKAT



CERTIFICATE

This is to Certify that the Environment

GLOBAL INFRASTRUCTURE

111, NORTH BRIDGE ROAD, # SINGAPORE

has been audited and found to comply with the requirements of

ISO 14001:2015
Environmental Management System

For the scope of activities: VALVE OVERHAUL AND INTEGRATION AND LIVE TESTING, FIELD INSPECTION, SERVICING & VALVE MAINTENANCE

IAF Code: 1666

Certificate Number: UAF/INT/2507GN/1666
Initial Date of Certification: 10.07.2025
Date of Certificate: 10.07.2025
Date of Expiry: 09.07.2028

Director:  Date: 10.07.2025

Validity of this certificate is subject to successful completion of surveillance audits. If not conducted this certificate shall be suspended/cancelled.
For verification and updated information concerning the present certificate, please contact Hawk Eye Certifications Pvt. Ltd. and this Certificate is the property of Hawk Eye Certifications Pvt. Ltd. and

Hawk Eye Certifications Pvt. Ltd.
A-27/H, Sector-16, Noida-2013013
Email: admin@thehawkcert.com

CERTIFICATE*СЕРТИФИКАТ*CERTIFICATO*SERTEFIKAT



CERTIFICATE

This is to Certify that the Quality

GLOBAL INFRASTRUCTURE

111, NORTH BRIDGE ROAD, # SINGAPORE

has been audited and found to comply with the requirements of

ISO 9001:2015
Quality Management System

For the scope of activities: VALVE OVERHAUL AND INTEGRATION AND LIVE TESTING, FIELD INSPECTION, SERVICING & VALVE MAINTENANCE

IAF Code: 1665

Certificate Number: UAF/INT/2507GN /1665
Initial Date of Certification: 10.07.2025
Date of Certificate: 10.07.2025
Date of Expiry: 09.07.2028

Director:  Date: 10.07.2025

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CERTIFICATE*СЕРТИФИКАТ*CERTIFICATO*SERTEFIKAT



CERTIFICATE

This is to Certify that the Occupational Health and Safety

GLOBAL INFRASTRUCTURE

111, NORTH BRIDGE ROAD, # SINGAPORE

has been audited and found to comply with the requirements of

ISO 45001:2018
Occupational Health & Safety Management System

For the scope of activities: VALVE OVERHAUL AND INTEGRATION AND LIVE TESTING, FIELD INSPECTION, SERVICING & VALVE MAINTENANCE

IAF Code: 1667

Certificate Number: UAF/INT/2507GN /1667
Initial Date of Certification: 10.07.2025
Date of Certificate: 10.07.2025
Date of Expiry: 09.07.2028

Director:  Date: 10.07.2025

Validity of this certificate is subject to successful completion of surveillance audits. If not conducted this certificate shall be suspended/cancelled.
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Hawk Eye Certifications Pvt. Ltd.
A-27/H, Sector-16, Noida-2013013
Email: admin@thehawkcert.com



CERTIFICATE

The Workplace Safety and Health Council is pleased to certify that

GLOBAL INFRASTRUCTURE ENGINEERING PTE. LTD.

has fulfilled the requirements to attain bizSAFE Level Star

This certificate is valid till 09/07/2028


Christopher Koh
General Manager
Workplace Safety and Health Council

Date of Issue: 19/08/2025

Certificate No. E48172

- bizSAFE Star
- ISO 14001:2015
- ISO 9001:2015
- ISO 45001:2018



Global Infrastructure Engineering



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