



# Integrated Engineering Solutions

DELIVERING EXCELLENCE IN BUILDING & CONSTRUCTION, MARINE, AND OIL & GAS INDUSTRIES SINCE 1997

## COMPANY PROFILE



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# Who We Are

About Envirotec Controls

ENVIROTEC CONTROLS (ASIA PACIFIC)



## AWARD-WINNING REGIONAL INTEGRATED ENGINEERING SOLUTIONS PROVIDER SINCE 1997

Envirotec Controls is a Singapore-based Regional Integrated Engineering Solutions Provider specialising in services for the Building & Construction, Marine, and Oil & Gas industries.

With an established track record, Envirotec Controls is known for its innovative process to ensure quality, consistency, and safety for our valued clients and staff.



# Who We Are

## About Envirotec Controls

Our vision is to be a Total Engineering Solutions Provider, seamlessly bridging conventional and modern technologies. To achieve this, we stay updated with critical government infrastructure asset maintenance and preservation projects, while also fostering partnerships with leading technology providers to deliver innovative solutions.

We are supported by a committed and trained engineering team, many of whom are certified in their specialised area of expertise. With our proven technical experience, project experiences regionally, and extensive range of products Envirotec Controls has now extended our global presence to Malaysia, Indonesia and beyond.

## OUR MISSION

To provide safe, sustainable, and high-quality engineering solutions.



## CERTIFICATIONS & COMMITMENT TO EXCELLENCE

Envirotec Controls adheres to the highest industry standards, reflecting its commitment to delivering reliable and compliant engineering solutions. The company's certifications include:

- ISO 9001: Quality Management System
- ISO 45001: Occupational Health & Safety
- ISO 14001: Environmental Management Systems
- BizSAFE STAR



# Our Capabilities

## Engineering Excellence Across Industries

At Envirotec Controls (Asia Pacific), we offer a comprehensive range of engineering solutions designed to meet the complex needs of Building & Construction, Marine, Oil & Gas, and Industrial Sectors. Our expertise, innovative approach, and commitment to safety make us a trusted partner across the region.

### CIVIL MAINTENANCE

Infrastructure rehabilitation, waterproofing, and repair works.



### FACILITIES MAINTENANCE & INDUSTRIAL SERVICES

Comprehensive maintenance solutions including structural maintenance, corrosion control, and high-access solutions.



### HVAC SOLUTIONS

Comprehensive HVAC system maintenance, including tank cleaning, lining, and ducting services.



### PLAYGROUND & FITNESS CORNER

Design and maintenance of recreational facilities to promote community well-being.



### ASBESTOS & HAZMAT MANAGEMENT

Safe and compliant removal, management, and disposal of hazardous materials.



# Our Capabilities

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### INSULATION COATINGS

Advanced insulation solutions aimed at enhancing energy efficiency, sound control, and providing fire protection.



### STRUCTURAL STEEL & ERECTION WORKS

Design, fabrication & installation of structural steel, minor construction and repair works.



### PIPING SYSTEM

Design, fabrication & installation of piping system.



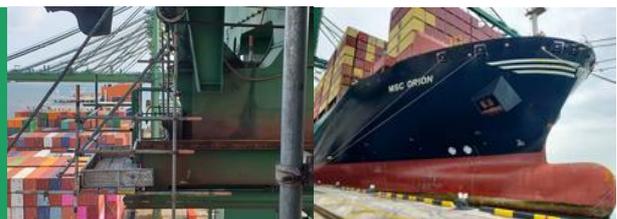
### FIREFIGHTING SOLUTIONS

Cutting-edge fire suppression and detection systems to safeguard assets and personnel.



### MARINE & OFFSHORE ENGINEERING

Specialized services catering to the marine and offshore sectors, ensuring safety and efficiency.



# Civil Maintenance Services

Experienced Maintenance and Preservation Solutions for Civil Infrastructure



## CONCRETE REPAIR & STRUCTURAL REHABILITATION

We provide high-quality concrete restoration services to repair and strengthen aging infrastructure.

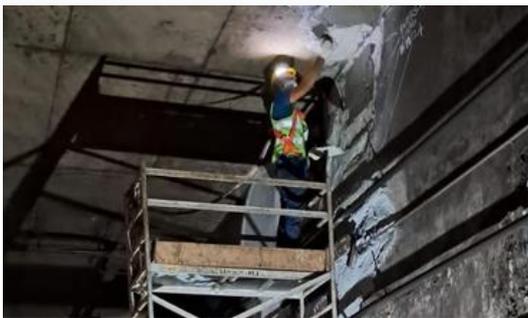
- Crack injection and concrete resurfacing to restore structural integrity
- Spalling concrete removal for tunnels, bridges, and buildings
- Corrosion mitigation to prevent long-term damage



## WATERPROOFING SOLUTIONS

Protect structures from water damage with our high-performance waterproofing solutions.

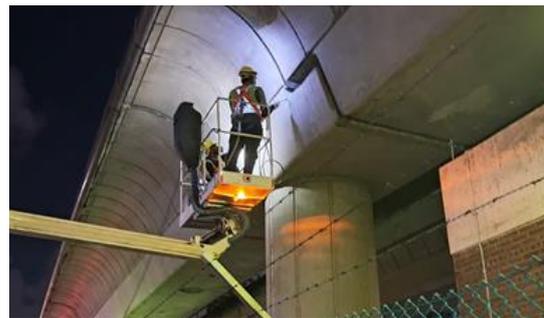
- Roof waterproofing for commercial and industrial buildings, including torch-on membrane systems and five-layer protective coatings
- Basement and underground structure protection
- Specialised coatings and membranes for leak prevention



## PRESSURE GROUTING & PATCHING WORKS

We offer advanced pressure grouting techniques, including polyurethane injection for soil stabilisation and structural reinforcement.

- Void filling and soil stabilisation to prevent settlement issues
- Tunnel and bridge support grouting to enhance durability
- Industrial floor patching and reinforcement



## TUNNEL & RAILWAY MAINTENANCE

We specialise in critical infrastructure maintenance for railway and tunnel systems.

- Railway tunnel concrete repair during non-traffic hours
- Spalling concrete removal and structural upgrades
- Customised solutions for urban transport infrastructure

# Facilities Maintenance Services

From HVAC systems to building facades, we provide end-to-end maintenance solutions to keep your facilities running smoothly.

## HVAC MAINTENANCE

Ensure your heating, ventilation, and air conditioning systems operate efficiently with regular maintenance, repairs, and upgrades.

## WATERPROOFING

Protect your property from water damage with advanced waterproofing solutions for roofs, walls, and foundations.

## CAR DECK COATING

Enhance the durability and safety of car park decks with high-performance coatings that resist wear, corrosion, and chemical damage.

## CIVIL STRUCTURAL REPAIR

Address structural issues with expert repairs, including crack sealing, reinforcement, and pressure grouting.

## SPALLING CONCRETE REPAIR

Restore and repair spalling concrete to maintain structural integrity and prevent further deterioration.

## SCAFFOLDING

Access hard-to-reach areas safely and efficiently with our scaffolding solutions for maintenance and repair work.

## INDOOR AIR QUALITY

Improve the health and comfort of your indoor environments with air quality assessments, filtration systems, and ventilation solutions.

## BUILDING FACADE INSPECTION & MAINTENANCE

Ensure the longevity and safety of your building facade with regular inspections, repairs, and maintenance.

## HIGH-RISE BUILDING FACADE CLEANING

Maintain the appearance and safety of high-rise buildings with professional facade cleaning services with our Rope Access Team.

## FIREPROOFING

Enhance fire safety with fireproofing solutions for structural elements, including beams, columns, and walls.

## ASBESTOS SURVEY & REMOVAL

Ensure safety and compliance with professional asbestos surveys, removal, and disposal services.

## LIFT MAINTENANCE

Reliable lift maintenance services that ensure safety, efficiency, and uninterrupted vertical transportation.



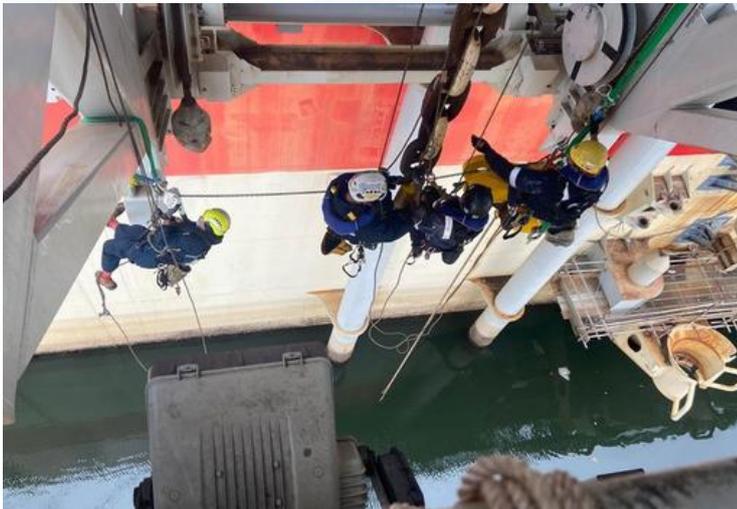


**PHOTO: Envirotec Controls Rope Access Team at Singapore Management University, SINGAPORE.**

# Rope Access Services

Our certified rope access teams enable rapid deployed inspection, maintenance and repair via difficult-to-reach areas on offshore assets, reducing costs versus scaffold/crane options

Our scaffold expertise encompasses supply, rapid installation, dismantling, and customisation even for complex vessels and difficult-to-access areas.



ENVIROTEC CONTROLS (ASIA PACIFIC)

# Scaffolding Services

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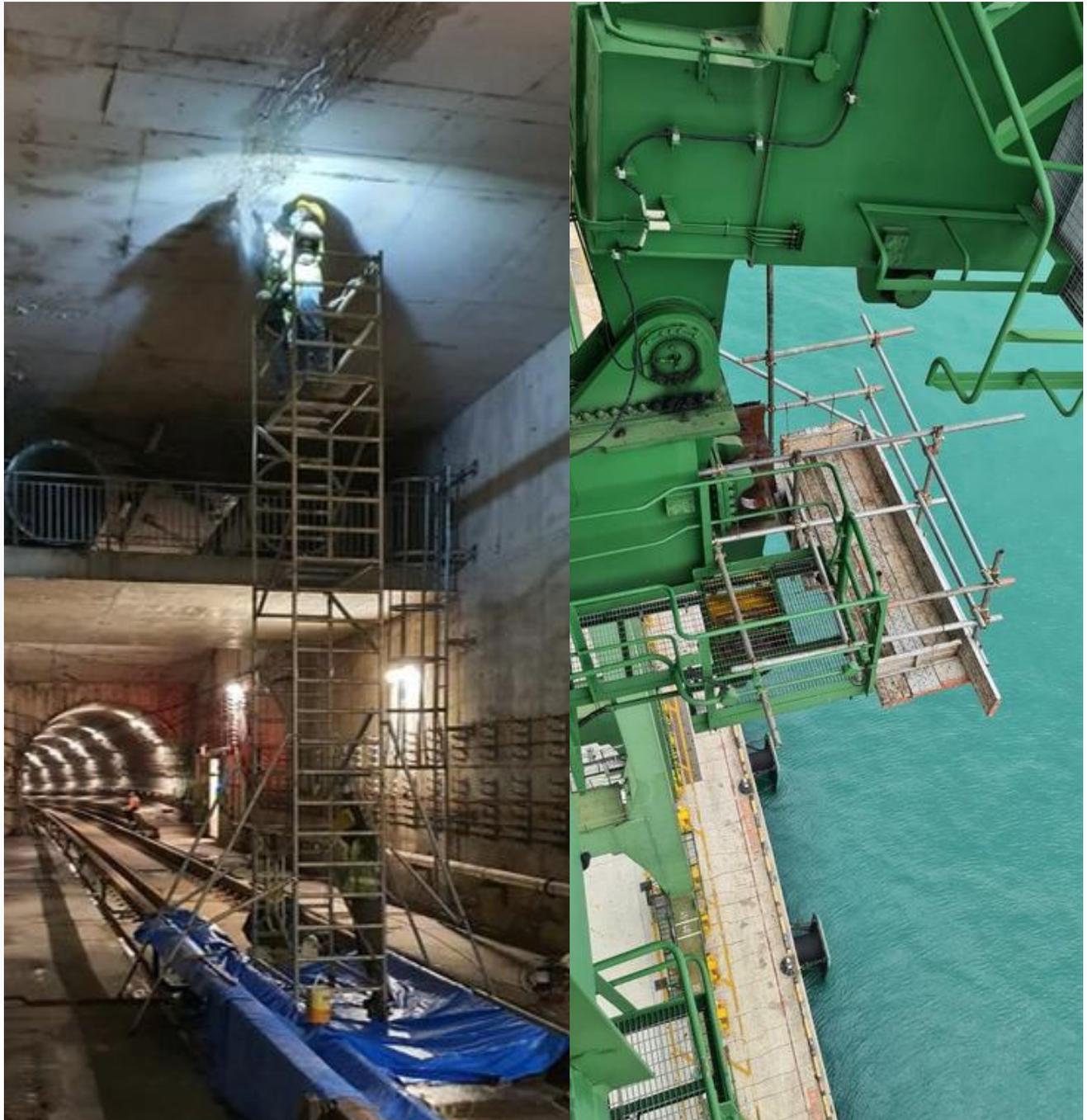




PHOTO: Envirotec Controls Scaffold Team, constructing an extensive scaffold system, enabling access to hard-to-reach areas for repairs and maintenance.

# Play & Recreation Facilities

Our certified inspectors and technicians perform thorough inspections, testing, preventative maintenance, cleaning, upgrades, and repairs to keep your facilities' playground and fitness equipment compliant and hazard-free.

- Annual Certified Playground Inspections (SS 457:2017)
- Impact Attenuation Testing (SS 495:2022)
- Quarterly Fitness Inspections (SS 534:2007)
- Preventative Maintenance Programs
- Fitness Equipment Inspections & Servicing
- Sterilisation & Disinfection Services
- Repairs, Refurbishments & Upgrades
- Equipment Replacement & Renewal



With over 25 years of expertise ensuring safety and compliance spanning across 1,200 playground & fitness locations valued total in excess of \$100 million.



# Ducting Fabrication & Outfitting

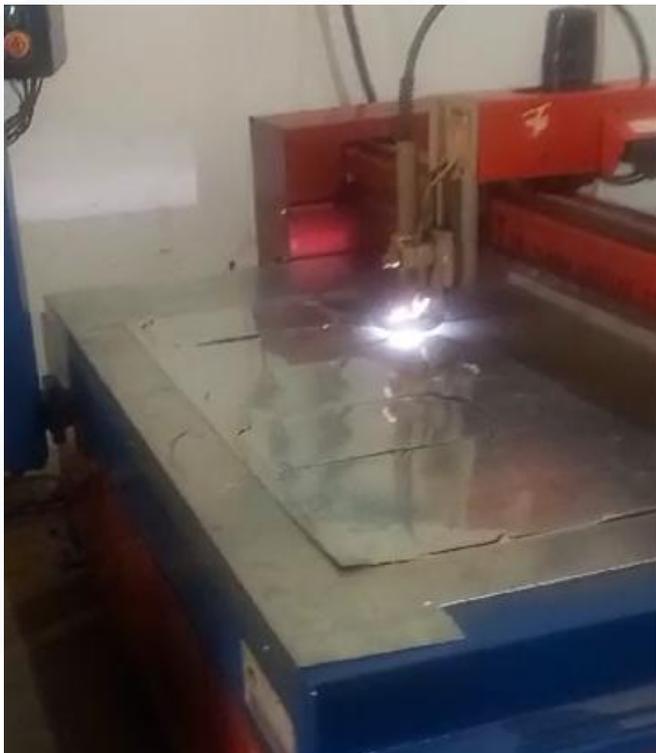
Managing heat, emissions, ventilation, and environmental comfort requires complex networks of ducting tailored for each vessel layout and engine room configuration.

Combining precision fabrication and onsite integration capabilities, we deliver reliable, customized ventilation, exhaust, and environmental control ducting networks tailored for all types of vessel layouts and spaces.

Our fully outfitted Tuas fabrication workshop houses advanced computer-controlled metal cutting and joining machinery enabling high efficiency duct component production. We then conduct tailored onsite installation and alignment of ducting to match complex path requirements on the vessel.



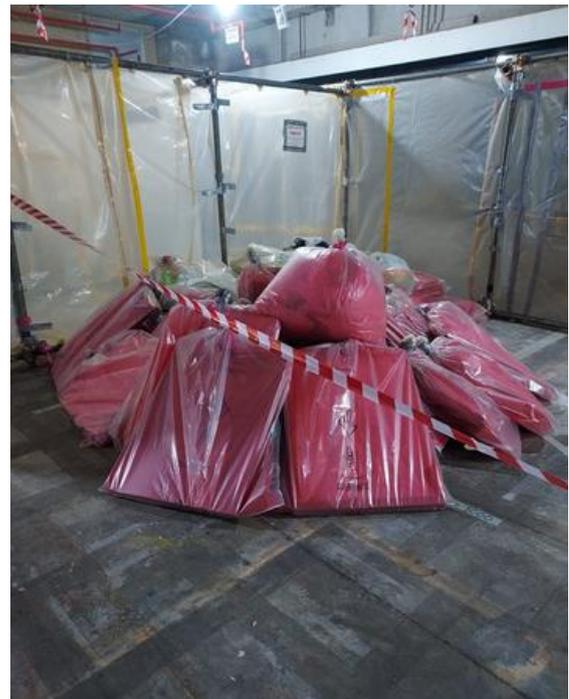
ENVIROTEC CONTROLS (ASIA PACIFIC)



# Hazardous Material Handling

From inventory of hazardous materia survey (IHM), lab packing, storage, containment, specialised transportation and disposal with full chain of custody, we ensure shipyards maintain regulatory compliance and site remediation of hazardous material.

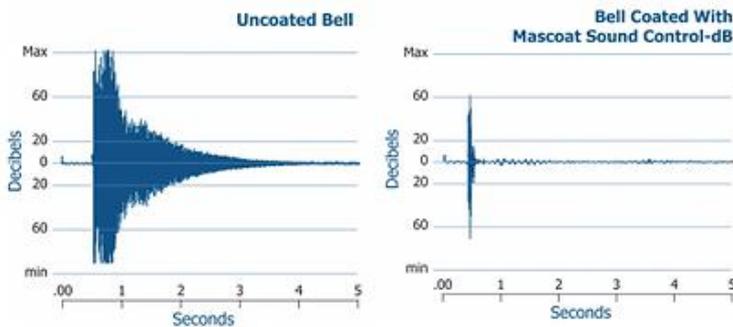
ENVIROTEC CONTROLS (ASIA PACIFIC)



# Thermal Insulation and Sound Barrier Coating

We offers specialised thermal insulation and acoustic barrier coatings to moderate interior vessel ambient conditions.

Our insulation materials enhance energy efficiency and minimize heat gain/loss. We also provide advanced sound dampening coatings to engine rooms and other noisy equipment areas which absorb vibration and minimize noise pollution transfer to crew quarters for improved comfort.



## Product Supply & Support



The only sound damping coating with Multiple Type Approvals



SOLAS MARINE SERVICES GROUP



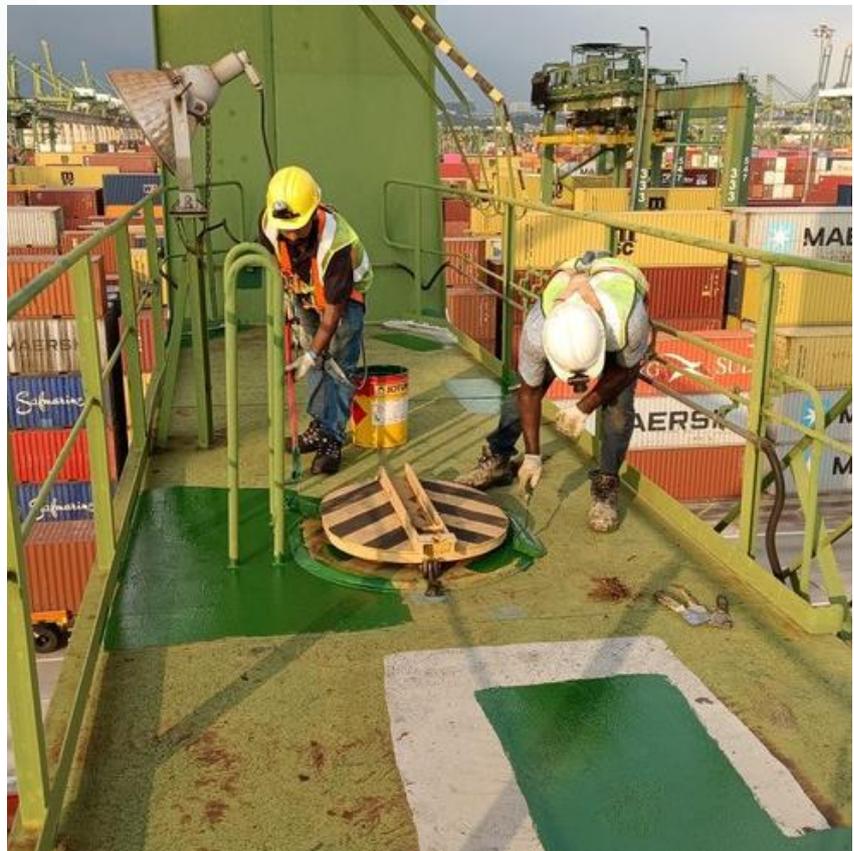
# Corrosion Prevention & Protective Coating

We deliver comprehensive corrosion prevention and coatings solutions for maritime assets to prevent degradation.

This encompasses the recommendation of optimal coatings, repair, surface preparation via blasting/cleaning, tailored application of marine-grade paints, coatings or treatments, and corrosion inspection and monitoring.

Our expertise facilitates targeted prevention and remediation based on asset specifications and operating conditions.

Product Supply & Support



# Indoor Air Quality Management

We conduct on-board indoor air quality (IAQ) assessments, testing for vessels and marine facilities to identify airborne contaminants from engine fumes, fuels, facilities materials, etc that can impact the environment and crew health/performance and cleaning solutions to keep your vessels clean and compliant.



# Confined Space Tank Maintenance

We provide specialised industrial tank maintenance and decontamination services designed to ensure compliance, prevent contamination, and extend equipment lifespan.

Our certified teams use advanced methods for confined-space cleaning, sludge removal, and restoration, delivering safe and reliable solutions for every industry





**PHOTO: Envirotec Controls Rope Access Team, captured more than 300m above ground level at Sembawang Shipyard, SINGAPORE.**

# Fire Protection Solutions

We provide end-to-end fire safety management - from risk assessments, and design solutions to regulatory standards, and installation and provide ongoing testing and maintenance.

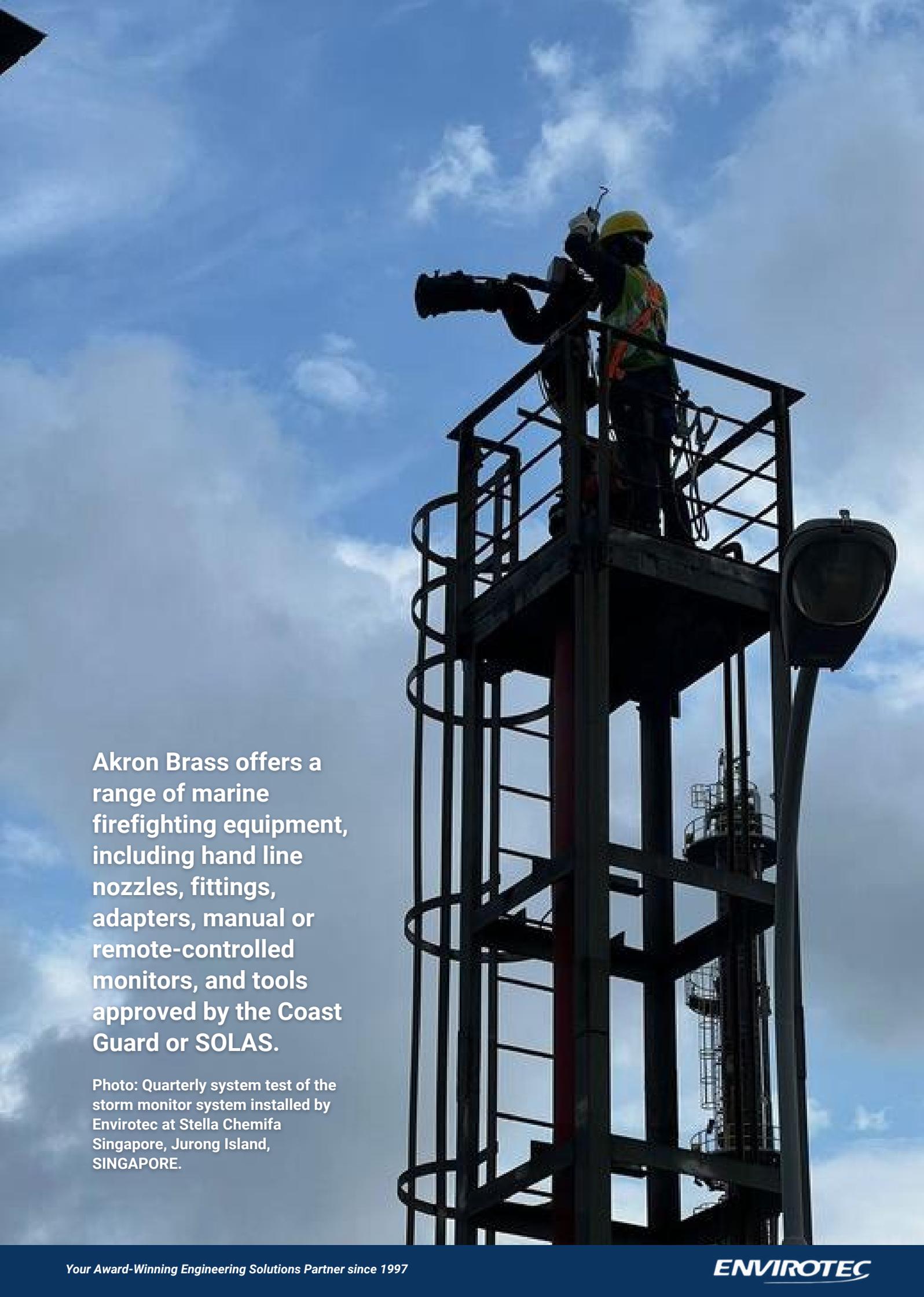
Backed by longstanding partnerships with leading fire safety product vendors, we offer custom-engineered fire safety management to mitigate risk both while vessels are at sea and docked for shipyard maintenance. Our emergency response solutions enable protection of crew, cargo and shipyard assets.



Product Supply & Support



AQUASYS



**Akron Brass offers a range of marine firefighting equipment, including hand line nozzles, fittings, adapters, manual or remote-controlled monitors, and tools approved by the Coast Guard or SOLAS.**

Photo: Quarterly system test of the storm monitor system installed by Envirotec at Stella Chemifa Singapore, Jurong Island, SINGAPORE.

# Design, fabrication & installation of structural steel

We provide design, fabrication and installation of structural steel for the building and construction industry. It covers the full cycle from design, bending, cutting, and assembly to welding and on-site installation.

We fabricate steel structures strictly in accordance with our clients' specifications and drawings, ensuring all works meet engineering and safety standards. Beyond fabrication, we also provide consultation and design services for steel structures.

With extensive experience in structural design, quality control and project management, we ensure projects are delivered timely and to the highest standards. In addition to fabrication and installation, we also provide maintenance programs, helping clients maintain the integrity and performance of their steel structures throughout their lifecycle.



# Design, fabrication & installation of piping system

We provide the design, fabrication, and installation of piping systems, serving the energy & chemicals, infrastructure, and construction industries. We work with a wide range of materials, including carbon steel, stainless steel, aluminium and plastic, to meet diverse project requirements.

With years of proven experience and technical expertise, we are capable of managing piping projects of varying scale and complexity. Every project undergoes thorough review prior to execution. Our engineering process takes into account critical factors such as expansion, contraction, stress, strain, seismic requirements, and material selection, ensuring durability, safety, and compliance with stringent industry standards.

Through this integrated approach, we consistently deliver reliable and cost-effective piping solutions, tailored to the specific needs of our clients and their operating environments.

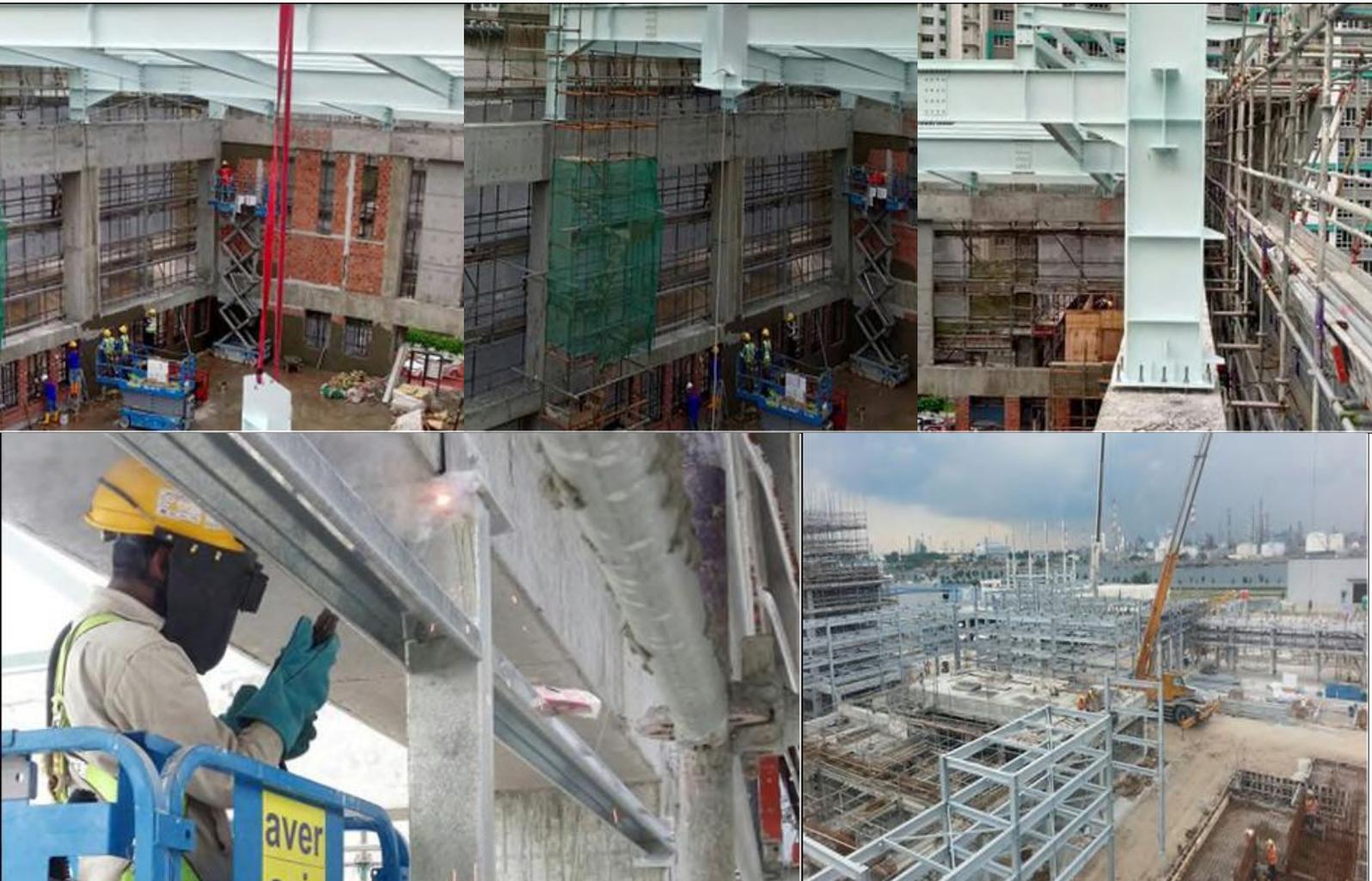


# Minor construction & repair work

Another one of our capabilities focuses on minor construction and repair works, supporting clients in the building and construction sector.

Our scope includes the erection of buildings, additions and alterations, as well as civil engineering works, delivered with the same commitment to quality and safety that defines our core services.

Our portfolio spans a diverse range of market segments, including industrial facilities, commercial developments, residential projects, and public infrastructure. By combining technical expertise with practical solutions, we provide cost-effective and timely construction services that meet the specific needs of each client.



# Why Choose Envirotec Controls?

From concept to completion, Envirotec Controls delivers innovative, sustainable, and cost-effective solutions tailored to your needs.

## 25+ YEARS OF INDUSTRY EXPERIENCE

Proven expertise in engineering solutions

## REGIONAL PRESENCE

Operating in Singapore, Malaysia, and Indonesia

## INDUSTRY-CERTIFIED & ACCREDITED

Our team holds all necessary certifications and accreditations to meet industry standards for all major projects.

## UNCOMPROMISING QUALITY

Client satisfaction and stringent quality control are at the heart of our operations.



"It is with great pleasure to submit an unconditional recommendation for the Company's outstanding service and support since 2013... We are confident in the Company's technical and engineering capabilities... We look forward to working on more future projects as our needs evolve."

**Alan Law**  
Senior Plant Manager, Stella  
Chemifa Singapore

# Our Featured Clients

Trusted by Industry Leaders

ENVIROTEC CONTROLS (ASIA PACIFIC)





# ENVIROTEC

Your Trusted Partner for Integrated Engineering Solutions



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