

BROCHURE

Empowering Safety in Hazardous
Spaces and Beyond . . .

Established in 2021, FSE SAFE Projects Pte Ltd is a reputable procurement and supply chain company committed to delivering high-quality products and services.



FSE SAFE

PROJECTS PTE LTD

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Project Procurement & Supply Chain Sourcing Services

- Ex Proof Hazardous Area Lighting
- Ex Proof Ventilation Fans
- Ex Cameras and CCTV
- Ex Zone1 and Zone2 Communication Devices
- Digital and IT Transformation
- Augmented Reality Wearable Connectivity Kit
- Virtual Projections Pedestrian – Forklift Safety
- Camera Systems IR based detection Gas, Flame, Oil
- Passive Fire Safety Jackets and Insulations
- Project Supplies MRO
- Marine Ladders and Transfer Baskets
- Man Overboard Search and Rescue
- Helideck Netting, Lighting, Toolkits
- Fall Protection
- Height and Access Platforms



Introduction

Leading Supplier of Industrial Safety Equipment Committed to Exceptional Service

Established in 2021, FSE SAFE Projects Pte Ltd is a reputable procurement and supply chain company committed to delivering high-quality products and services. We specialize in catering to the specific needs of projects, offering a comprehensive portfolio that meets the diverse requirements.

Core Values

Customer-Centric Approach

Quality Assurance

Integrity and Transparency

Innovation and Adaptability

Mission: To be the leading provider of procurement and supply chain solutions, offering high-quality products that cater to diverse client needs. We aim to enhance industry efficiency and productivity through reliable and innovative solutions while upholding safety and sustainability standards.

Vision: To be the most trusted and reliable partner for industries seeking procurement excellence. We strive to expand our global footprint and continuously improve our offerings to meet evolving market demands.

Industries We Serve:

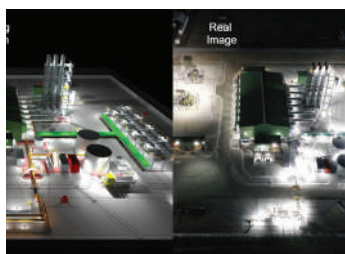
- Oil & Gas
- Petrochemicals & Refineries
- Marine & Shipbuilding
- Pharmaceuticals
- Renewables
- Power Generations & Utilities
- Food Manufacturing
- Mining & Minerals

With our dedicated sales and customer support, global sourcing and procurement specialists, inventory and warehouse management, and logistics personnel, we provide comprehensive source-and-supply services tailored to your project needs. Choose FSE SAFE Projects Pte Ltd for reliable solutions, competitive pricing, and timely deliveries.



▶ Raytec UK LED Explosion Proof Lighting: Hazardous Area Zone 1 & 2

- Ex Lighting: Flood Lights, Linears, Bulk Heads, Bay Lights, Crane Deck Lighting Various Beam Angles, Lumens Outputs, Emergency Battery Backup
- 100% UK designed and manufactured.
- 5-Year Warranty Efficient fittings
- Easy Installation & Maintenance



▶ Free Lighting Design Service

Free lighting design service includes:

- Full Site Modelling
- Design Video
- 2D & 3D Plans
- Photometric Data

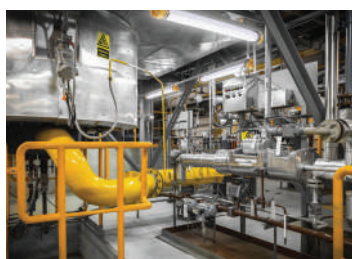
See the final installed lighting solutions in action, with lux levels and light spread demonstrated on-site. Photometric data also available for personalized design options.

▶ Portable & Temporary Ex Lighting

For Confined Spaces & Hazardous Areas Ex Lighting with Linkability Option:

- Ex Linears
- Exit Lights
- Floodlights
- Transformers
- Cables & Reels
- Extensions

Linkability enables single power source usage, transforming supply to power multiple light fittings together.



▶ Ex Lighting Downstream for Pharma & Food Manufacturing

- Specialized & Certified Ex Light Fittings for Oil & Gas, Petrochemicals, Pharma, and Food Manufacturing.
- Hazardous Area & Industrial Safe Zone Lighting.
- Ex Lighting for Zone 1 & Zone 2.
- Robust & Chemical-Resistant Linears and Floodlights with varied ratings for diverse applications.



▶ Ex Hand Lamps and Torches

- Adalit Spain Premium Ex Proof Hand Lamps and Torches Wide range for Zone 0/20, 1/21, 2/22.
- Innovative features: swivel head, digital display, magnet attach, Light Sensor, Low Battery Blinking. High performance, output, and Auto-on Security for Emergency and Safety.



▶ Ex Helideck Lighting

Floodlight | Perimeter Lighting | Aircraft Warning Lights

LED helipad lights guide aircraft in low visibility, ensuring safe landings. Excellent illumination for pilot visibility.



▶ Ex Portable Rechargeable Floodlights

Hazardous Areas | Confined Spaces | Tankers

Battery-powered and Rechargeable at Safezone 10W and 15W models: 6-10hrs use on single full charge ATEX and IECEx certified for Zone 1 and Zone 2 Magnetic Legs or Stainless Steel Stanchion Bracket option.



▶ Ex Strobes and Beacons

Designed for Fire, Industrial and Explosion Proof Applications.



▶ Ex Air Driven Pneumatic Ex Lighting

Explosion Proof Pneumatic Lighting Lamps with optional Tripod Stand

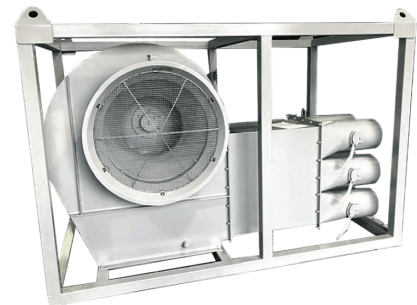


▶ Ex Bug Blower Fans

- Ventilates Hazardous Gases | Cools Personnel & Equipment | Repels Bugs & Insects
- Customizable | Standard Sizes: 24", 36", 48", 50"
- Power Supply: 110v, 230v, 380v, 400v, 440-460-480v, 690v
- CFM as needed.
- Ex DOL Starter: Fixed or Loose supply
- Seaworthy Wooden Crating
- Documents: COC, Manual, Motor ATEX Certificate, Pacas Test Report, Motor Test Report, PE Certificate Lifting Lugs

▶ Ex Tank Vent Fans

- High-Performance Single Inlet & Multiple Outlets Centrifugal Fans for Hazardous Environments.
- Certified ATEX and IECEx Zone 1 & Zone 2 Ideal for FPSO, Offshore Platforms, Tanks, Confined Spaces Portable with overhead lifting lugs for easy transportation High performance, ventilates multiple tanks simultaneously.



▶ Ex Portable Blower Exhauster Ventilation Fans



- Ex Portable Blower – Exhauster Ventilation Fans
- Electrical 110v/230v 12" (300mm) and 16" (400mm) Ex Proof Portable Ventilation Fans – Blowers/Exhausters
- High Performance and Highest Safety Standards. ATEX and IECEx certified, IECEx certification for both electrical and mechanical standards
- Airflow capability up to 7750m³/hr @ 50Hz and up to 9400m³/hr @ 50Hz
- Anti-Static Flex Ducting and Joining Couplers available.

Explosion Proof / Intrinsically Safe Apple Devices

ATEX – IECEx – CID1 – Inmetro Certified for Oil & Gas | Petrochemicals & Refineries | Pharma | Maritime | Food Manufacturing

Original Apple devices with all features intact. Converted and certified for hazardous areas Zone 1 and Zone 2, Class 1-Division 1 use.

Key Features

- Retains all Apple device features.
- Excellent high MP front and back cameras
- Safest and secure iOS
- Real-time software updates
- 5+ Years lifespan
- Convert and certify locally purchased devices to Ex devices.
- DEP Enrolment available
- Self-install Sim Card
- Wi-Fi and 5G network support
- ATEX, IECEx, CID1, and Inmetro certifications
- Tethered points included in design.
- Hardened Glass for industrial use with touch sensitivity.

ZONE 1

Capacity	64GB	128GB	256GB	512GB	1TB	2TB
iPhone 14		✓	✓	✓		
iPhone 13		✓	✓	✓		
iPad Mini 6,Wifi+cell	✓		✓			

ZONE 2

Capacity	64GB	128GB	256GB	512GB	1TB	2TB
iPhone 14		✓	✓	✓		
iPhone 14 Pro		✓	✓	✓	✓	
iPhone 14 Pro Max		✓	✓	✓	✓	
iPhone 13		✓	✓	✓		
iPhone 13 Pro		✓	✓	✓	✓	
iPhone 13 Pro Max		✓	✓	✓	✓	
iPhone SE-3	✓	✓	✓			
iPad Mini 6,Wifi+cell	✓		✓			
iPad Pro 11		✓	✓	✓	✓	✓
iPad 10.2, Wifi + Cell	✓		✓			



Explosion Proof Telephones and Intercoms



Explosion Proof Telephone



Weatherproof Hotline Telephone



Paging and Intercom Ex



Enclosures



▶ Ex Camera – Digital + Thermal Imaging

ATEX and IECEx Certified Zone 1 and Zone 2 Capable Digital + Thermal Imaging
Reliable, User-friendly, and Safe for Hazardous Areas

Kit Includes : Camera, 8 GB Memory Card, Rechargeable Battery, Charging Dock, USB Card Reader, Carry Case.



▶ Kiber AR System Wearable Connectivity Kit

- Augmented Reality System for Hands-Free Connectivity
- Connect Field Workers with Remote Experts
- Empowering Workforce | Integrates with Android and MS Teams

Includes : Head Camera, Binocular Visor, Handcam, Headsets, Battery



▶ Explosion-Proof CCTV Camera System

- Superior Surveillance in High-Risk Environments
- Globally Certified Explosion-Proof Camera Housing
- Panorama, Dome, PTZ, Fixed Sensor Camera Systems



▶ Ex AI Camera Wet Gas Leak Detection

- Intelligent Thermal and Visual Camera for Wet Gas Leak Detection
- Detects Wet Gas Leaks, Liquid Leaks, Methane Leak Detection
- 24/7 Surveillance with Real-Time AI Leak Detection
- Instant Alerts with Photo and Video Evidence
- Safezone and Explosion Proof Solutions for Offshore and Hazardous Locations



Gas and Flame Detector

- Superior Flame Detectors with Advanced Algorithm
- Combustible Gas Detectors with Alarm Reporting
- Oxygen Detectors
- Toxic Gas Detectors: Hydrogen Sulfide, Carbon Monoxide, Chlorine, Nitric Oxide, Sulfur Dioxide (0-100 ppm range).

Passive Fire Safety Jackets

Protective Insulation against Jet-fire and Hydrocarbon Fire

- High-Temperature Material withstands up to 2000°F
- UL1709 Rapid Rise Fire Delay
- ISO 22899-1 Certified for 120 Minutes Fire Protection
- Meets API 2218 Requirements

Design Features:

- External Weatherproof Design
- High-Temperature Resistant Fiber
- Corrosion-Neutral Adjustable Strap & Buckle
- Flexible, Lightweight, Modular Pieces
- UL1709 Rapid Rise Fire Test Duration of 180 Minutes
- Expedited Delivery Service Available
- Stainless Steel Nameplate for Easy Identification
- ISO 22899-1 Type Approval Certificate for 2 hours
- Removable and Reusable
- Simple and Quick Installation
- Long Lasting and Durable
- No Tools Required
- Weatherproof, Chemical Resistant, UV Resistant
- No Equipment Downtime
- Blocks Flame Path and Retards Heat Flow



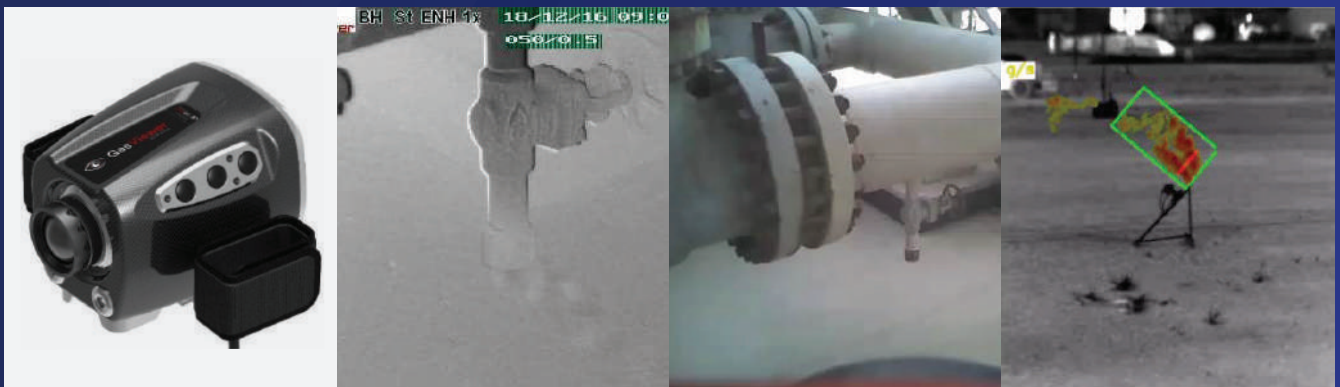
Gas and Flame Detection with IR Camera

Enhance Site Safety | Reduce Environmental Footprint

Portable Optical Gas Imaging (OGI) cameras (GV-P3234, GV-P4547, GV-P714) detect on-site gas leaks for environmental campaigns (EPA Method 21), maintenance planning (LDAR Programs), and site safety upgrades. Multiple gases detected VOCs, CH₄, NH₃, SF₆, CO, CO₂...

Fixed gas cloud tracking system (GV-F3234, GV-F714) for 24/7 on-site gas cloud monitoring. It triggers alarms in your control room upon gas leak detection, providing real-time visualization and emergency response adaptation.

Fixed advance fire monitoring and flame detection camera (Flam Viewer: FV-F17) detects hot spots and triggers alarms for corrective action. It identifies flames from 1m² up to 2 km away, visualizing various fuel types.



PROJECT SUPPLIES

▶ **Mechanical**



Hand Tools



Hydraulic Equipment



Motors & Transmission



MRO Plant Maintenance

▶ **Cables and Electricals**



Specialized Cables



Enclosures & Fittings



Switches & Fuses



Automation & Control

▶ **Industrial Safety Valves**



Ball Valves



Gate Valves



Globe Valves



Butterfly Valves

▶ **Flow Products**



Pipes, Hose, Tubes & Fittings



Instrumentation Fittings

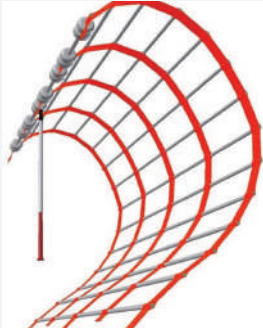


Flow & Temperature Meters

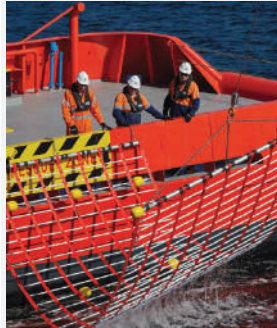


Pumps & Filtration

Dacon Man Overboard Rescue Equipment complying to various Class regulations worldwide.



Rescue Cradle Frame



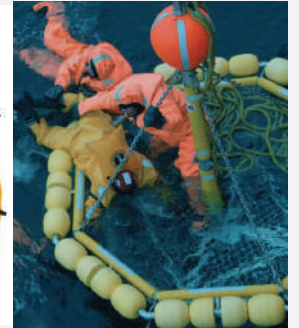
Rescue Scoop Power Assisted



Rigid Type Scrambling Net



MOB Rescue Training Dummy



MOB Rescue Basket

► Reach and Rescue Telescopic Poles and varied Interchangeable Attachments.

- Longest Pole 20m extendable.
- Lifetime Warranty.
- Compact in Stowage.
- Interchangeable attachments for multiple applications.



► USAFE Remote operated Lifebuoy

Man Overboard Rescue Lifebuoy remote operated. Your water based drone for rescue operations

► Personal Locator Beacons

Be Found if you Fall. Give your crew peace of mind working offshore and marine vessels. PLBs activate alert of MOB incident and provide GPS tracking.



SMRT AU10



SMRT V100



SMRT SHIELD



Wind 275N SOLAS



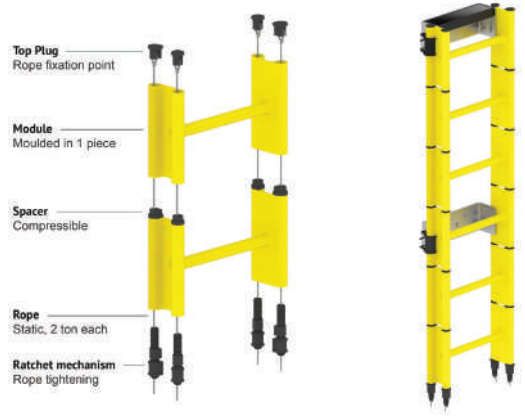
Compact 150N



275N & 150N

MARINE SAFETY

- ▶ Marine Ladders
- ▶ Embarkation Ladders
- ▶ Emergency Ladders
- ▶ Self-Recovery Ladders
- ▶ Escape Ladders
- ▶ Personnel Transfer Basket
- ▶ Safe Transfer Rigid Personnel Transfer Basket
- ▶ Rigid Steel Structure with 30+ years lifespan. DNV and ABS Certified
- ▶ Ensures safe, quick and cost-effective personnel transfer, between offshore installations, drilling rigs and vessels.
- ▶ Port Safety Ladders
- ▶ Port Safety Life ladders redefine ladder safety with their innovative design and modular construction.
- ▶ Applications – Ports | Marinas | Municipality | Wharves
- ▶ Features: High Visibility | Durable Quality | Customized to any size on site | Modular Construction
| Ships compact on standard pallet
- ▶ Donut – Controlled Decent Device
- ▶ Emergency Escape by Donut Controlled Descent.
- ▶ Donut device can be used for Vertical descents offshore installations to Sea | Escape from Vessel to Rescue Craft
| Vertical descents over a hard surface | Lowering Injured personnel from height platform.



Port Safety Ladders



Personnel Transfer Basket



Donut – Controlled Decent Device



▶ Vertical and Horizontal Lifeline System

- Lifeline Systems for Vertical Ladder and Horizontal platforms and tops.

▶ Self-retracting Fall Arrest Blocks

Fall Arrest Blocks – Fall Arrest with Rescue Functions

Lifelines starting 1.8m | 3.5m | 6m | 10m | 15m | 20m | 30m | 40m | 53m.

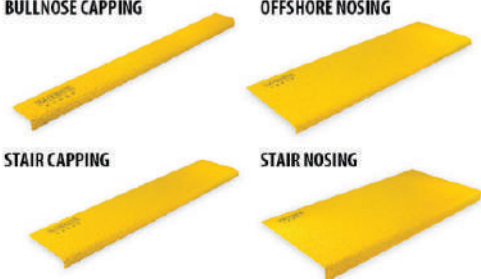


BULLNOSE CAPPING

OFFSHORE NOSING

STAIR CAPPING

STAIR NOSING



▶ Anti-Slip Products

Enhance Safety and Prevent Slips and Falls in various Environments.

- Ladder Rung
- Antislip Stairs
- Glowmate Antislip

▶ Height Rescue Kit

Height Rescue Kit for Rescuers designed to rescue a person left suspended after a fall from height, without the need for extensive training.

- Gotcha 2 Rescue Kit
- Gotcha CRD Reach
- Fall Tek Rescue Ki





▶ Access and Mobile Platforms

- Stairs and Crossovers
- Custom Stairs and Work Platforms
- Access Ladder
- Mobile Stairs & Work Platforms

▶ Loading Platforms

- Portable Access Platforms
- Access Loading Platforms
- Track Mounted Gangway
- Loading Platforms



▶ Marine Gangways

- Truss Gangway System
- Marine Gangways
- Self-Adjusting Stair Gangway
- Gangway Onshore Offshore

▶ Self-Closing and Adjustable Safety Swing Gate

Key Features

- Self-Closing and Adjustable width 18" to 36"
- Complying to all International Standards
- Malbec Tensioner – No Spring to Fail
- Universal Mounting kit included.
- Compact packs 10pcs on standard pallet



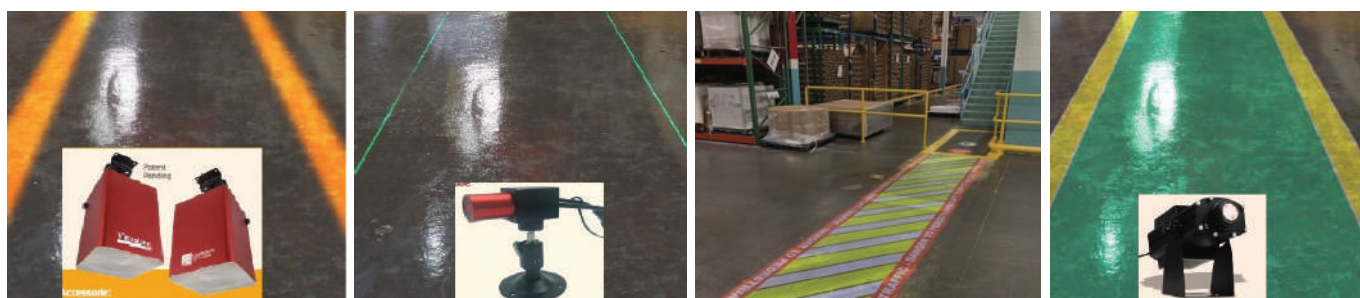
Virtual Projections of Floor Marking and Signages. Replacing traditional tape or painted floor markings and signages.

Digitalize your Industrial Facility and option for Smart sensor integration to enhance safety.

Why Virtual Projections:

- Attracts more attention and keeps pedestrians and vehicular (forklift) drivers more alert at your industrial facilities and warehousing.
- Projections come with 30,000hrs lifespan. i.e., ~3.5years of continuous 24/7 usage. In case usage is 12hrs a day and 6 days a week, you can expect lifespan of +7years.
- High Return on Investment due to lifespan
- Always projecting at 100% - Unlike painted or taped markings, the virtual projections will never fade, there is no wear and tear.
- No blockage due to any dirt / dust / spillage or anything blocking, it will project over any of these obstacles.
- Customized Signages - Projections as per requirement within projection scope
- Projectors are suitable for Industrial use and come with inbuilt cooling fan.
- Smart Sensor Integrations. Many possible integrations we can suggest most suitable system for your applications. Popular integrations are having crossway projection at intersection always projecting. Smart sensor with preset radius at the intersection. The sensors on detecting an approaching forklift will auto switch off the crossway projections and the STOP / FORKLIFT CAUTION Signage will switch on alerting pedestrians to not cross as an approaching forklift has been detected.

Virtual Walkways Projections

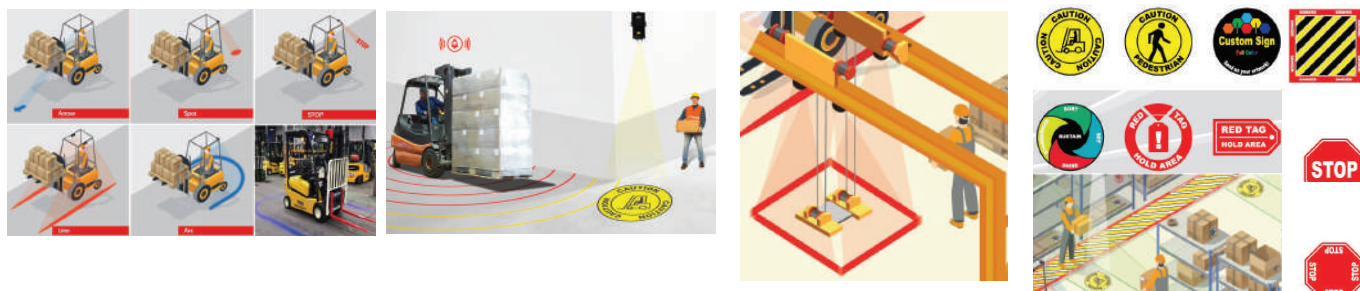


Thick Lines

Thin Lines

Crossways

Pathways



Forklift Hazards Management

Smart Sensor Detection

Overhead Crane Projections

Virtual Signages



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SCAN THE QR CODE



