expertise

Industrial Support Services

Inspiring Excellence

Introduction to Expertise

Expertise, based in Saudi Arabia, is a dynamic entity in the industrial services sector, recognized for its comprehensive range of services tailored to the evolving needs of the industrial landscape.

With a robust focus on operational efficiency, safety, and innovation, the company excels in providing specialized services across multiple key verticals:

Sectors we cater to:

- Industrial Services
- Equipment Rental
- Manufacturing Modular Buildings
- Facility Management Services
- Civil Construction Services
- Trading of Industrial Materials

Headquarters

Jubail Industrial City, Saudi Arabia

Sectors we cater to:

- Petrochemicals
- Power Generation
- Oil & Gas
- Agri Nutrients
- Cement
- Water Treatment Plant
- Steel
- Construction
- Manufacturing



Quality Certifications

ISO 9001:2015
Quality Management Systems

ISO 14001:2015
Environmental
Management Systems

ISO 45001:2018
Occupational Health and
Safety Management Systems

ISO 22000:2018
Food Safety
Management System

ISO 50001:2018
Energy Management Systems

ISO 41001:2018
Facility Management-
Management Systems

ISO 55001:2014
Asset Management Systems

R Stamp
The American Society of Mechanical Engineers

S Stamp
The American Society of Mechanical Engineers

A Stamp
The American Society of Mechanical Engineers

U Stamp
The American Society of
Mechanical Engineers

Associate Member
Lifting Equipment
Engineers Association

Full Membership
Operator-IRATA
International

Industrial Support Services Division (ISSD)

Expertise's Industrial Support Services Division (ISSD) delivers fully integrated scaffolding, insulation, fireproofing, industrial coating, refractory and rubber lining support to petrochemical, oil-and-gas, power-generation, iron and steel industry, water treatment plant, cement plant and manufacturing clients across Saudi Arabia. From green and brown field construction and major turnarounds to routine maintenance, ISSD provides the engineering know-how, skilled manpower and specialist equipment to keep your assets safe, efficient and compliant.



Scaffolding & Access Solutions

Expertise goes far beyond conventional scaffolding. We offer a full suite of access methods that let your teams reach challenging work faces quickly, safely and cost-effectively—while minimizing plant disruption ensuring meeting the milestones.







Services Offered

Design & Engineering

» Scaffold Engineering drawing with load calculations

» Detailed method statements and risk assessments

Execution & Specialist Access

» Tube-and-fitting, Cup lock, ring lock and modular systems

» Access scaffolding for the industrial needs

» Specialized in LVL Board, Fiber and Steel Planks

Management & Safety

» Inspection tags, permit control

» 24/7 call-out crews for shutdowns & emergencies

Industrial Insulation Solutions

We provide comprehensive insulation solutions that enhance energy efficiency, ensure personnel safety, and support uninterrupted plant operations. Our expertise covers a wide range of equipment and pipelines, including boilers, furnaces, heat exchangers, pressure vessels, cryogenic tanks, columns, reactors, turbines, and pumps.

Acoustic insulation minimizes noise in high-decibel areas such as compressor halls, while thermal insulation of steam lines and other critical equipment ensures operational efficiency and safety.

With our tailored insulation solutions, industrial facilities can achieve improved performance, optimized energy use, and a safer working environment.

Services Offered

We provide **comprehensive industrial insulation solutions** designed to enhance efficiency, safety, and reliability across a wide range of applications:

» **Thermal Insulation (Hot & Cold):** Minimize energy loss, maintain process temperatures, and improve system efficiency.

» **Cryogenic Insulation:** uses specialized materials and systems to minimize heat transfer and maintain extremely low temperatures (typically below -150°C / -238°F) for storage and process plants of cryogenic fluids

» **Personal Protection Insulation:** Safeguard personnel from extremely hot or cold surfaces to ensure workplace safety.

» **Fire Protection Insulation:** Protect critical equipment and structures from fire hazards using specialized fire-resistant materials.

Installation & Asset Support

» Specialist crews for insulation on process equipment, piping and storage tanks.

» Noise-control enclosures & acoustic barriers.

» Condition surveys, online repair & upgrade programs

» Integration with fire and personal protection

» Support for Major Turnaround, Shutdown projects, green field and brown field modifications.

Insulation Materials

Our 150 m × 80 m material yard is fully equipped to support large-scale insulation projects. It houses a comprehensive range of insulation materials, including: (Mineral wool, ceramic wool, calcium silicate, perlite, silica cloth for high temperature protection, PIR, PUF, cellular glass, mineral fiber glass and aerogel)

Fabrication Shop

Our 30 m × 15 m fabrication shop is fully equipped with De-coiler, Shearing, Bending, Grooving, and Lock Forming machines. This allows us to produce accurate, durable, and customized components efficiently for industrial insulation and mechanical applications.

The fabrication facility has been strategically established to operate around the clock, ensuring timely fulfillment of project requirements



Refractory Services

Expert services for Refinery, Petrochemical, Power, Steel, Cement, and Foundry sectors with Aramco-approved personnel, advanced materials, and efficient turnaround to maximize refractory lining life.

INDUSTRY EXPERIENCE

- **Refining:** PFCCU, FCCU, CCU, CCR, DCU, CDU-VDU, SRU
- **Petrochemical:** Methanol, Ethylene, Hydrogen Reformers
- **Power:** Boilers, CFBC, AFBC
- **Steel:** Tunnel & Induction Furnaces, Ladles, Heat Treatment
- **Cement:** Rotary Kilns, Kiln Inlets/Hoods, Cyclones
- **Foundry:** Melting, Casting, Forging, Pit Furnaces

CORE SERVICES

- Installation & Asset Care
- Turnaround Relines & Hot-Spot Repairs
- API-936 Aramco Inspector Services
- Ceramic anchor Welding & Hot/Cold Patching
- Precast Shapes (Dry-Out Furnace Cured)
- Field & Workshop Fabrication
- Material Supply: Bricks, Castable, Blankets, modules with all related refractory materials
- Gunning, Mixing & Shotcreting Rigs

DRY-OUT SERVICES

- Controlled Dry-Out (On-site & In-House)
- Automated Equipment w/ Temperature Logging
- Safe Heating Curves as per Spec
- For Castables, Precast Blocks, Boilers & Furnaces

LAB TESTING

- **In-House / Third-Party Testing for:**
  Density • CCS • PLC • Thermal Conductivity As per Aramco & international standards







Passive Fireproofing Solutions

We safeguard steel structures, vessels, and critical equipment with passive fire protection systems that provide critical time during hydrocarbon or cellulosic fire exposure. Our specialists apply both intumescent and cementitious systems, carefully tailored to meet fire rating, environmental conditions, structural loading, and aesthetic requirements.

Services Offered

» **Fireproofing Application**

- Spray & trowel-applied intumescent coatings
- Dense & lightweight cementitious fireproofing
- Galvanized primer coating prior to fireproofing (for corrosion protection)
- Topcoat painting after fireproofing (for UV/weather resistance & aesthetics)
- Mesh reinforcement & anchorage detailing
- Shop- or field-applied options based on project scope

» **Material Supply**

Supply of intumescent and cementitious fireproofing materials, including:

- Topcoat & Primer paints
- Cementitious bags and intumescent
- Mesh
- Hilti pins and anchors, fire bond, and intumescent
- All related fireproofing accessories

» **Inspection & QA/QC**

- API-936 Certified Inspectors
- DFT (Dry Film Thickness) verification
- Pull-off adhesion testing
- Fireproofing damage mapping & remedial patching
- Scheduled surveys & condition assessments
- Documentation for insurers & regulatory compliance







Painting & Coating Solutions

Our painting teams combine cutting-edge surface preparation with high-performance coating systems to combat corrosion, chemical attack and weathering. A fleet of compressors, blast pots, eco-blasters and plural-component pumps—coupled with NACE-certified inspectors—ensures coating integrity from primer to top-coat.

Services Offered

Surface Preparation

» Solven cleaning

» Abrasive & ultra-high-pressure water-jet blasting

» Internal Blasting of pipelines specially for oxygen lines.

» Laser Blasting: The Clean, Green Solution for Surface Preparation

» Hand and Power-tool cleaning

Application Capabilities

» Airless, Plural-Component, Hot-Spray, and Conventional Spray Application Systems

» Internal pipeline coating

» Galvanized steel structural coatings

» Concrete coating

» Rubber Lining for Vessels, Columns, Pipelines, and Accessories.

» Advanced Composite Wrapping Application and Repair Services

» Tank linings, high-build epoxies & zinc primers

» PWHT-friendly silicones & heat-resistant coatings

» Decorative & safety-colour schemes, stenciling and labeling

» Ceramic applications such as Belzona.

Application Capabilities

» NACE / SSPC certified inspectors

» Surface profile, chloride testing & dust tape test

» Internal Non-Destructive Inspection of Pipelines Using Borescope and UV Testing

» Tank linings, high-build epoxies & zinc primers

» PWHT-friendly silicones & heat-resistant coatings

» Decorative & safety-colour schemes, stenciling and labeling

» Ceramic applications such as Belzona.







Rubber-Lining Solutions

Our rubber lining division protects equipment from corrosion, abrasion, and chemical attack across demanding industrial environments. We deliver comprehensive solutions using premium elastomer materials with expert installation and maintenance services to maximize equipment life and minimize downtime.



Services Offered

» Surface Preparation

- Abrasive blasting to Sa 2.5/NACE No. 2 standards
- Chemical cleaning and degreasing protocols
- Surface profile optimization for maximum adhesion
- Primer application and substrate conditioning
- Moisture control and environmental monitoring
- Geometric modifications for proper rubber fit

» Installation & Asset Care

- Hot vulcanization up to 160°C for seamless bonds
- Cold cement application for temperature-sensitive areas
- Multi-layer systems for enhanced protection
- Custom molding for complex geometries
- Field splicing and seam welding techniques

» Quality & Compliance

- ASTM D2000 material specifications compliance
- ISO 9001 certified quality management systems
- Third-party inspection and testing services
- Holiday detection and continuity verification
- Adhesion testing per ASTM D429 standards
- Full documentation and material traceability





Clients



Our esteemed clientele includes over 500 companies across various sectors in Saudi Arabia, GCC countries, and Egypt. We are proud to serve some of the industry's leading names, contributing to their success through our reliable services.

QHSE Commitment

» Expertise is unwavering in its commitment to achieving and maintaining excellence in Quality, Health, Safety, Environment, and Loss Prevention. We believe that these pillars are essential for ensuring long-term business success and sustainability.

Our operations are conducted in a manner that prioritizes the quality of our services, the health and safety of our employees, contractors, customers, visitors, and the communities we serve, as well as the protection of the environment in which we operate.



We are commited to:

Delivering Consistent Quality Services:
Providing services that meet or exceed our customers' expectations and satisfaction in a safe and timely manner.

Ensuring Health and Safety:
» Preventing injuries and preserving the health of our employees, contractors, and all stakeholders by fostering a safe and healthy working environment.

Environmental Stewardship:
Preventing environmental pollution by optimizing energy use, reducing waste, and minimizing our carbon footprint. Embedding Safety in Daily Operations: Integrating safety and loss prevention into the daily routines of every employee, ensuring it meets our internal safety standards.

Legal and Statutory Compliance:
Complying with all applicable legal and statutory requirements related to Quality, Health, Safety, and Environment (QHSE) .

Cultivating a Culture of Excellence:
Developing a culture of continuous improvement by educating and empowering our stakeholders.

Continuous Improvement:
Regularly monitoring our objectives and targets to enhance our QHSE performance.

This commitment is communicated to all stakeholders and is subject to periodic review to ensure its ongoing suitability and sustainability.

EHS Policy Statement

At Expertise, we are committed to the health and safety, including the well-being, of all our employees. Health, safety and environment are integral to the way we do business. We commit ourselves to continual improvement in our performance, sufficient use of natural resources, with no harm to people and the environment.

Wherever we operate we will:

Develop, implement and maintain management systems for health, safety and environment risk that is consistent with national and internationally recognised legislation and standards that will enable us to:

- Identify, assess and manage our EHS risks pertaining to our operation including our highest risk applicable to office operation, such as ergonomics, dire and disposal management of office waste, travel and other related EHS risks to employees, contractors and the environment and strive to achieve leading industrial practise.
- Develop our people and provide resources to meet our specific objectives and targets.
- By setting risk based objectives and targets in addressing our EHS risk we shall meet and where appropriate, exceed applicable legal and other requirements in reducing environmental, health and safety incidents and preventing pollution.
- Care for the environment and value cultural heritage.
- Support fundamental human rights of employees, contractors and the communities in which we operate.

Communicate with and engage employees, contractors, business partners, suppliers, customers, visitors and communities to:

- Build relationships based on h.onesty, openness, mutual trust and involvement.
- Share responsibility for meeting the requirements of this policy.

Seek opportunities to share our success by:

- Addressing our employees needs through the development and use of appropriate skills and technologies.
- Developing partnerships that focus on creating sustainable value for everyone.

We will review our progress and policy to ensure this policy remains relevant to the needs of our employees. We will be successful when we achieve our targets towards our goal of a harm free environment and that the work that we do is valued by all parties.

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