



HADAF AL JAWDAH LTD. CO.

شركة هدف الجودة المحدودة

COMPANY PROFILE

Air. Fire. Steel. Supply.

HVAC manufacturing & installation, fire protection & alarm systems, steel fabrication & machining, and industrial trading — from one engineering contractor in the Eastern Province, Saudi Arabia.



هدف الجودة

Our name means “the goal of quality.” We work to it.

Hadaaf Al Jawdah Ltd. Co. is a registered Saudi engineering and contracting company with a corporate office and a dedicated fabrication workshop in the Eastern Province.

Over a decade of hands-on experience, we have built a reputation for reliability across four connected disciplines: HVAC manufacturing and installation, fire protection and fire alarm systems, steel fabrication and machining, and the trading and supply of engineering materials.

Because we manufacture, install and supply under one roof, our clients get one accountable partner, consistent quality and shorter lead times.



Safety first, on every site.

OUR VISION

To be the trusted partner for engineering services and supply across the Kingdom and the Gulf — delivering turnkey packages that are cost-effective, high-quality and on time.

HOW WE WORK

- 01 **Complete solutions** — design, manufacture, installation, maintenance and repair.
- 02 **Energy efficiency** — systems that cut operating cost and environmental impact.
- 03 **Safety & compliance** — installed and maintained to regulatory requirements.
- 04 **Experienced team** — skilled engineers, technicians and fabricators.
- 05 **Client first** — clear communication and long-term relationships.

Four divisions. One accountable contractor.



01

p. 04-05

HVAC

Manufacturing of ducts, dampers & accessories, and complete installation of HVAC projects.



02

p. 06-07

Fire Protection & Fire Alarm

Supply and installation of fire suppression, fire protection and fire detection & alarm systems.



03

p. 08

Steel Fabrication & Machining

Structures, tanks, piping and pre-engineered buildings, plus lathe, milling and drilling work.



04

p. 09

Trading & Supply

HVAC, fire-safety, MEP and industrial materials and spares, sourced from leading manufacturers.

SECTORS WE SERVE

Industrial plants

Commercial buildings

Residential compounds

Healthcare

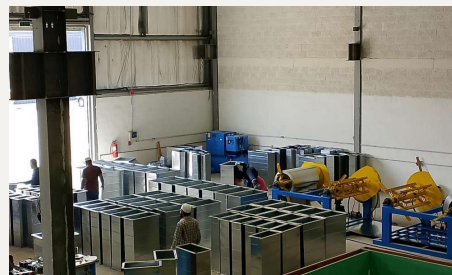
Hospitality

Education

01

Ducts, dampers & accessories

Our in-house workshop runs automated duct fabrication lines for cutting, bending, seaming and assembly — with insulation applied before dispatch. Fabrication is coordinated with site requirements, so every piece arrives ready to install, with less waste and shorter programmes.



DUCTWORK WE PRODUCE



Straight ducts



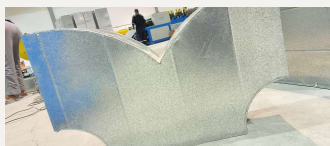
Circular (spiral) ducts



Elbows



Reducers



Tees



Square-to-round



Diffuser boxes



Fire-rated ducts

DUCTS & ACCESSORIES WE MANUFACTURE & SUPPLY

Ex-stock and made to order

DUCT TYPES

By material

- GI (galvanised iron) ducts
- Stainless steel (SS) ducts
- Black steel ducts

By shape

- Square / rectangular ducts
- Spiral (circular) ducts
- Fire-rated ducts

JOINING & FLANGES

- S-cleats
- C-cleats (drive cleats)
- Angle flanges
- TDF / TDC corners
- TDF flange cleats & clips
- Flange gaskets & duct sealant

BOXES & FITTINGS

- Plenum boxes
- Diffuser & grille boxes
- Access doors
- Flexible connectors
- Flexible ducts & collars
- Spin-in collars

DAMPERS & SUPPORTS

- Volume control dampers
- Fire & smoke dampers
- Motorised & back-draft dampers
- Threaded rods, anchors & channels
- Duct hangers & clamps
- Insulation & aluminium tape

HVAC projects, from concept to commissioning

In Saudi working temperatures, climate control is critical. We design, install and commission complete HVAC systems — with automated controls — for residential, commercial and industrial projects.

STEP 1

Design & planning

Load calculations, duct layout optimisation, equipment selection and energy-efficient design.

STEP 2

Supply & installation

Package units, AHUs, FCUs, VRF and split systems, ductwork, piping and controls.

STEP 3

Testing & balancing

TAB and commissioning to ASHRAE, SMACNA and NEBB standards.

STEP 4

Maintenance & AMC

Preventive and breakdown maintenance contracts that keep systems efficient.

Testing, Adjusting & Balancing (TAB) scope

ASHRAE • SMACNA • NEBB

- Air & water balancing, ducted and chilled water
- Performance checks: package units, AHUs, FCUs, VAVs
- Duct leakage testing
- Smoke, noise & vibration testing
- Pre-commissioning & functional testing
- Static & dynamic pressure tests, ducts and piping
- Controls calibration & integration testing
- Test reports, commissioning documents & client training

COMPLETED WORK



02

Fire protection & fire alarm systems

SUPPLY • INSTALLATION • MAINTENANCE

Reliable, fast-response fire safety for industrial and commercial properties — engineered to meet local and international fire protection regulations.



Fire suppression

Water based — hydrants, sprinklers, foam, water mist and deluge systems.

Gas based — clean agent, CO₂ and aerosol systems.

Dry powder systems.

Fire detection & alarm

Addressable and conventional panels, smoke, heat, multi-sensor and CO detectors, manual call points, sounders and strobes, and PA systems.

Fire protection

Fire pumps, fire piping, hydrants, hose reels, monitors, water curtains and spray systems.

Passive fire protection

Fire-rated ducts and dampers, fire stopping, fireproofing paints and fire-resistant coatings, FR walls and shutters.

Need a fire system surveyed, supplied or upgraded?

inquiry@hadafalj.com

Equipment we supply & install

Fire fighting A

Fire pumps — electric, diesel & jockey pump sets, controllers

Fire water pipelines — carbon steel pipes, grooved & flanged fittings, couplings, supports

Valves — gate, butterfly, check, alarm check, deluge & pressure reducing valves

Hydrants — pillar hydrants, single & double landing valves, hose cabinets

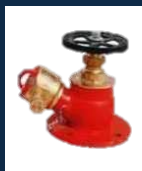
Hoses — hose reels & drums, fire hoses, couplings, nozzles & branch pipes

Sprinklers — pendent, upright & sidewall heads, flexible drops

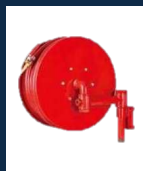
Monitors & inlets — water/foam monitors, breeching & collecting heads

Foam, gas & powder — foam proportioners & tanks, clean agent, CO₂, aerosol, dry powder

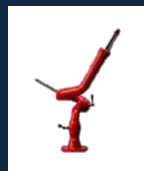
Extinguishers — portable & wheeled units, cabinets



Valves



Hose reel



Monitor



Sprinklers

Fire alarm & detection B

Control panels — addressable & conventional, repeater panels, annunciators

Detectors — smoke, heat, multi-sensor, beam, CO & gas

Manual call points — break-glass & resettable

Notification — sounders, strobes, hooters, sirens & gong bells

Modules — monitor, control & isolator modules

Switches — water flow, tamper & pressure switches

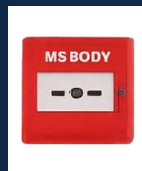
Voice & PA — voice evacuation and public address systems

Emergency lighting — emergency lights & exit signs

Cabling — fire-resistant cable, conduit & accessories



Detector



Call point



Hooter



Panel

PROJECTS DELIVERED



Monitor flow testing



Deluge system test



Valve station maintenance



03

Steel fabrication & machining

Precision fabrication and machining for industrial clients — from a single machined component to complete steel structures. Every job is built to approved shop drawings, checked for dimensional accuracy and delivered ready for site.

TECHNICAL CAPABILITIES

Cutting & forming	Shearing, plasma and oxy-fuel cutting · press-brake bending · plate and section rolling · punching
Welding	SMAW (stick), GMAW (MIG), FCAW and GTAW (TIG) · carbon and stainless steel · shop and site welding
Machining	Lathe turning, facing, boring and threading · milling of slots, keyways and flats · drilling and tapping · shaft, flange and bush repair
Materials	Carbon steel, stainless steel, galvanised steel and aluminium — sheet, plate, pipe, beams, channels, angles and hollow sections
Products	Structural frames, platforms, stairs and handrails · pipe racks and supports · storage and water tanks · pipe spools · equipment skids · pre-engineered buildings · custom parts
Finishing & QC	Grinding, surface preparation, priming and painting · dimensional and visual weld inspection · NDT and third-party inspection on request · material traceability



Tank fabrication



Structural steel



Lathe turning



Milling

04

Trading & supply

Supply is where Hadaaf Al Jawdah began. We source high-quality materials, equipment and spares from leading manufacturers and distributors worldwide — at competitive prices and with short lead times — backed by the engineering know-how of our own divisions.



A

HVAC equipment & spares

A/C units, AHUs, FCUs, compressors, coils, ducting and insulation materials.

B

Fire-safety equipment

Valves, hoses, hose reels, sprinklers, detectors, alarm panels and accessories.

C

MEP materials

Pipes, fittings, valves, pumps and associated mechanical, electrical and plumbing items.

D

Industrial spares & steel

General industrial supplies, steel materials and replacement spares for plant operations.

PRINCIPAL BRANDS WE WORK WITH



Trusted on some of the Kingdom's most demanding sites



WHY CLIENTS CHOOSE US

One contractor, four disciplines

HVAC, fire, steel and supply under one roof — fewer interfaces and one point of responsibility.

Made in our own workshop

Ductwork, steel and machined parts produced in-house, so quality and schedule stay in our hands.

Short lead times, fair prices

Direct sourcing and local production keep materials moving and costs competitive.

Safety & standards

Work executed and tested to international standards, with safety on every site.

Operations & Annual Maintenance Contracts

HVAC • FIRE • MEP

- | | | |
|--|-----------------------------|----------------------------------|
| — Preventive & scheduled maintenance | — Regular, timely diagnosis | — Quick troubleshooting & repair |
| — On-site & off-site technical support | — Performance optimisation | — Comprehensive or limited plans |



CONTACT US

Let's talk about your next project.

Send us your drawings, BOQ or material list — our Business Development team will come back with a solution and a quotation.

CALL

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Dammam

Al Jubail



HADAF AL JAWDAH LTD. CO.

شركة هدف الجودة المحدودة

HVAC · FIRE PROTECTION
STEEL & MACHINING · TRADING