

A photograph of an industrial refinery at night, illuminated by blue and yellow lights. The scene shows a complex network of pipes, metal structures, and large cylindrical tanks. In the background, three tall distillation columns are visible against a dark sky. The overall atmosphere is industrial and technical.

Asr Al Amdad

Catalysts & Chemicals

Maintenance Services

Engineering/ Optimization

Training



Asr Al Amdad

Vision

A Saudi Company founded in 2021,
with the Vision of becoming a Key contributor
towards

Sustainable World,


Inline with ambitious Saudi 2030 vision.





Asr Al Amdad

About Us



Driven by seasoned professionals with deep industry experience, We provide Solutions for Catalysts & Chemical supply, Maintenance Services, Process Optimization and Training.

Asr Al Amdad offers a variety of **Catalysts & Chemicals** with diverse applications and uses.

Maintenance Services Portfolio, not only includes General maintenance services during Shutdowns and Turn Arouns, but We are also focusing on most unique repair and inspection Services for **Critical Equipment**

We also extend our portfolio towards providing Solutions for **Process Optimization/ Engineering and Training**, through our global Affiliates



Asr Al Amdad

Affiliates



TOPSOE

Haldor Topsoe



ALFA LAVAL OLMI S.p.A.



Olive Technical Services (PVT.) LTD.



International Training Institute





Asr Al Amdad

Catalysts

Our broad range includes catalyst for

REFORMING / PRE-REFORMING

DESULPHURIZATION

IRON BASED AMMONIA SYNTHESIS

LOWER BEDS IN AMMONIA SYNTHESIS

HTS/MTS/LTS, LTS GUARD

Asr Al Amdad

Catalysts

Catalysts for Ammonia Synthesis

Steam Reforming

- RK211
- RK-201
- R-67-7H



Low Temperature Shift

- LTS Catalysts
- LK-801



De-Sulphuriser

- HTZ-3
- HTZ-5



Ammonia Synthesis

- KM-1
- RK-201
- R-67-7H



Asr Al Amdad

Catalysts

Catalysts for Petrochemical Processing

LT Sulfur Absorbent

- SC-201R



LT Sulfur Absorbent

- SC-501 Purify



High-capacity Sulfur Absorbent

- SC-502 Purify





Asr Al Amdad

Chemicals

Anti Scale Agents

Corrosion Inhibitor

Flocculants

Defoamer

Sodium Bi Sulphate

Hydrochloric Acid

Soda Ash

Sodium Hypochlorite

Biocide

Sodium Bi Sulphite

Eliminox Oxygen Scavenger

Sodium Meta Bi Sulphite



Asr Al Amdad

Maintenance Services

Shutdowns

Turn Arouns

Emergency Repairs





Asr Al Amdad

Maintenance Services

Affiliates



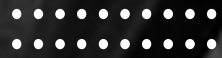
This expands our Range of Scope of Services for the most Critical equipment of Core Industries.

Refineries

- Shell-and-tube heat exchangers for;
- high pressure/high-temperature positions
- Special alloys Cr-Mo alloys, Super duplex, Ni, Ti.
- Feed-effluent Exchangers.
- Process Gas Boilers
- Air-cooled Heat Exchangers.

Petrochemicals

- Quench coolers for Ethylene Plants
- Urea strippers and carbamate condensers
- Process Gas Boilers for Ammonia, Methanol and Syngas plants, including steam drums, superheaters, and feed water pre-heaters
- Melamine tubular reactors



Asr Al Amdad

Maintenance Services

Affiliates



Oil & Gas Production

- S&T heat exchangers for natural gas compression and oil treatment
- Air cooled heat exchangers

Power Plants

- Gas Turbine Once Through Coolers (OTC)
- Steam Generator packages
- High-pressure feed water pre-heaters and steam drums



Asr Al Amdad

Maintenance Services

Engineering after sales

1. FFS Fitness for Service
2. FEA Finite Element Analysis
3. Non-linear Stress Analysis
4. Thermal re-rating /upgrades

Inspection & Audit

1. Tube to tube sheet joints
radiographic inspection
2. Tubes inspection: EC, RFT,
IRIS, U-BENDED TUBES

Planned shut down

1. Supervision
2. Welders and fitters
3. Inspectors ASME Level II&III
4. Thermal & Mechanical Engineers
5. Procedures
6. Certifications

Emergency shut down

(Response time 72 hours)

1. Supervision
2. Welders and fitters
3. Inspectors ASME Level II&III
4. Thermal & Mechanical Engineers
5. Procedures
6. Certifications



Asr Al Amdad

Process Optimization/ Engineering

Asr Al Amdad can provide Professional assistance towards following areas through our Affiliates

Simulation

Troubleshooting

Process Optimization

Engineering



Asr Al Amdad

Training

Asr Al Amdad can provide Professional Training Services through our Affiliate ITI



Oil & Gas



Technical Engineering Specialist



Troubleshooting



Safety, Security & Environment



Procurement



Asr Al Amdad

References



TOPSOE

Sabir

Major Supplier of Catalysts



**ALFA
LAVAL**

Maaden Phosphates

Emergency Repair of 2 Synloop Waste Heat Re-Boilers.

Sabic/ Safco 4

Inspection / Repair Waste Heat Boilers



OLIVE
TECHNICAL SERVICES (PVT.) LTD.

Sabic/ Al-Bayroni/Safco

Inspections/ Turn Around assistance/ Services



Asr Al Amdad

Contact Us

Head Office
9076 al-Dammam
34261- 4548 113
Eastern Province
Saudi Arabia

sales@asralamdad.com
Tel: +966 13 664 6624
+966 544749481
WWW.ASRALAMDAD.COM

