



ITS SAUDI LTD
FILTRATION AND ENGINEERING SOLUTIONS

Saudi-Based Filtration & Engineering Co

Supporting Oil & Gas, Energy, Petrochemical & Water Sectors

- TURNKEY FILTRATION STATIONS
- BLACK POWDER MITIGATION
- ADVANCED GAS & LIQUID FILTRATION
- CONCEPT TO DETAILED ENGINEERING
- ONLINE SAMPLING
- VALVES & FITTINGS

Saudi Vision 2030 | IKTVA Contributor
Saudi Aramco Vendor ID: 10118058 / 9COM
Saudi Electricity Company Vendor ID: 2016364
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Al Khobar, Kingdom of Saudi Arabia - www.itsintco.com



OVERVIEW

1.1 About ITS Saudi

1.2 Strategic Vision

ABOUT ITS

Elevating the Kingdom's Industrial Capabilities Through Innovation and Localization

Advanced Filtration
Inhouse Engineering
Proven Performance
Local Strength

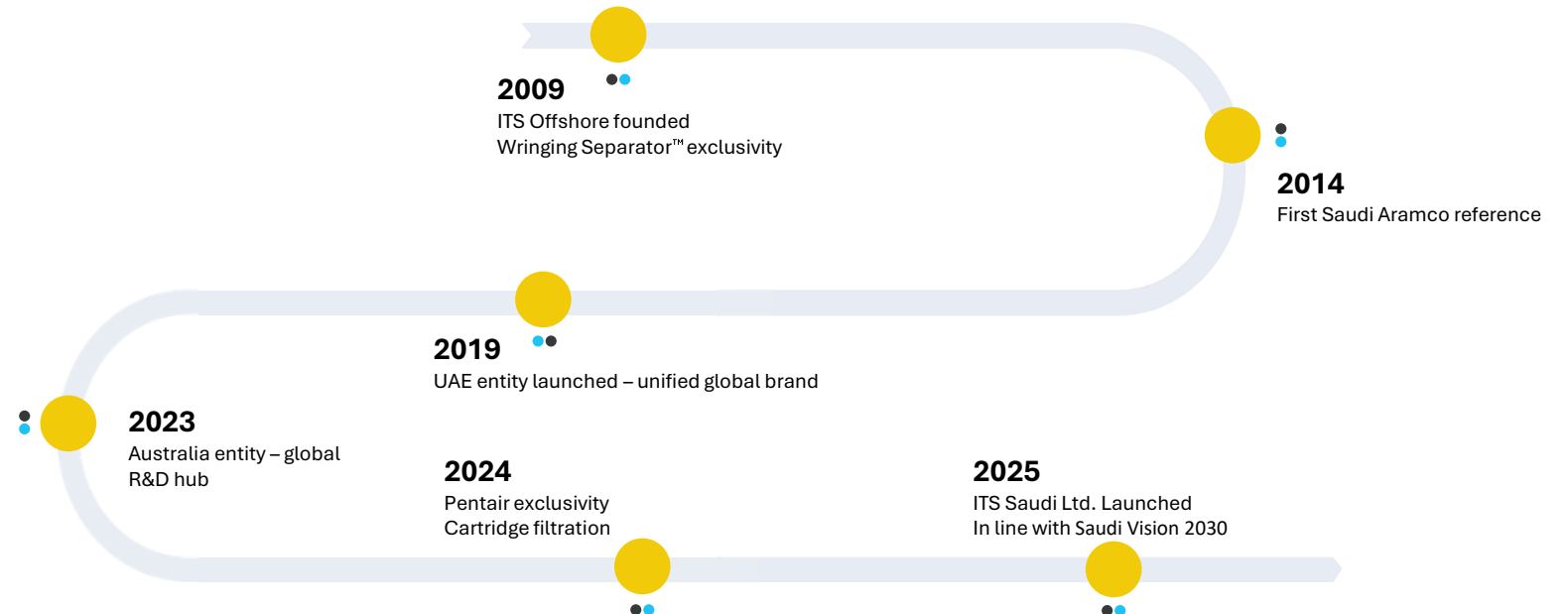


Engineering Excellence Across Energy & Utilities

Headquartered in Al Khobar, ITS Saudi serves upstream, midstream, and downstream industries across oil & gas, petrochemical, power, and water sectors, delivering technically engineered systems designed for reliability, performance, and lifecycle efficiency.

KEY STRENGTHS

- Leader in black powder separation
- Largest gas-flow filtration reference on a single line in the Kingdom (1394 MMSCFD)
- Full-spectrum filtration portfolio (gas, liquid, and mixed-phase)
- One-stop shop for turnkey filtration stations, from design & engineering to commissioning and after-sales support
- In-house, multi-discipline engineering capability
- Active R&D focused on enhancing performance and reliability
- Strong installed base and proven references across Saudi Arabia, trusted by leading operators



IKTVA

ITS Saudi is committed to local capability building, Saudi talent development, and sustainable industrial excellence from the Kingdom to the world.

CAPABILITIES & MARKET POSITION

2.1 Products, Services, and Engineering

2.2 Partners

2.3 Approvals and Recommendations

Products, Services, and Engineering

Advanced Filtration Solutions to Extend Equipment Life and Stabilize Processes

Advanced Filtration
Inhouse Engineering
Proven Performance
Local Strength



FITRATION EXCELLENCE

ITS Saudi Ltd. provides a comprehensive range of filtration technologies for all applications, upstream midstream, and downstream.

Each solution is developed to enhance equipment life, strengthen process reliability, and reduce operating and maintenance costs.

ITS delivers standalone and skid-mounted turnkey systems, along with retrofits, efficiency testing, and rental options aimed at minimizing downtime and improving performance.

Products

- Wringing Separator™
- Cyclone & Multicyclone
- Scrubbers and Knock-out Drums
- Cartridge & Coalescer Filters
- Seawater, Basket and Strainers
- Specialized Filters for Diesel and Jet Fuel

Services

- Cartridge Replacement, Direct-fit
- Skid rental
- Supervision, commissioning, and training
- Continuous Online Sampling for gas streams (non-intrusive, real-time monitoring, data logging/analysis).

Engineering

In-house, multi-discipline engineering supported by advanced simulation and modeling tools, delivering end-to-end solutions for turnkey filtration stations and complex projects with a strong focus on reliability, safety, and performance.

- Concept and Feasibility Studies
- Front-End Engineering Design (FEED)
- Detailed Engineering & Design
- Reverse Engineering
- Process Simulation & Optimization (CFD, PDMS, Caesar II, and HYSYS)

Solutions

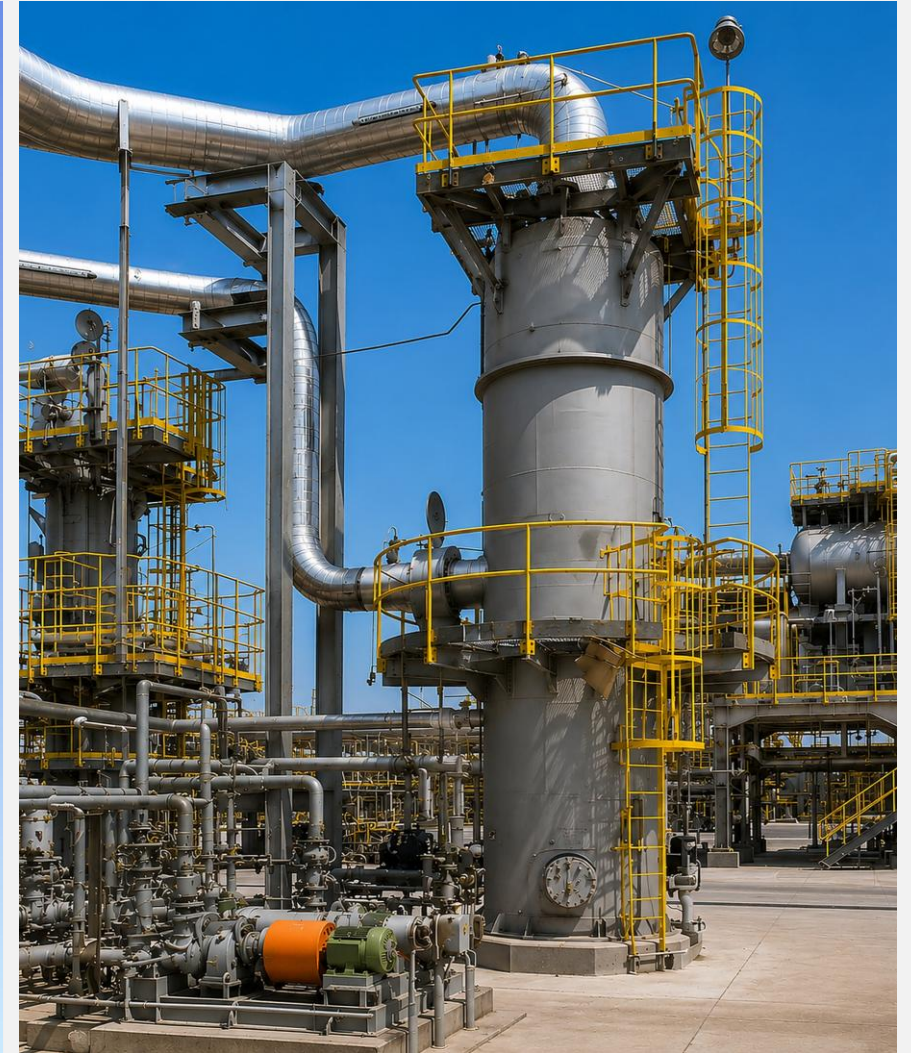
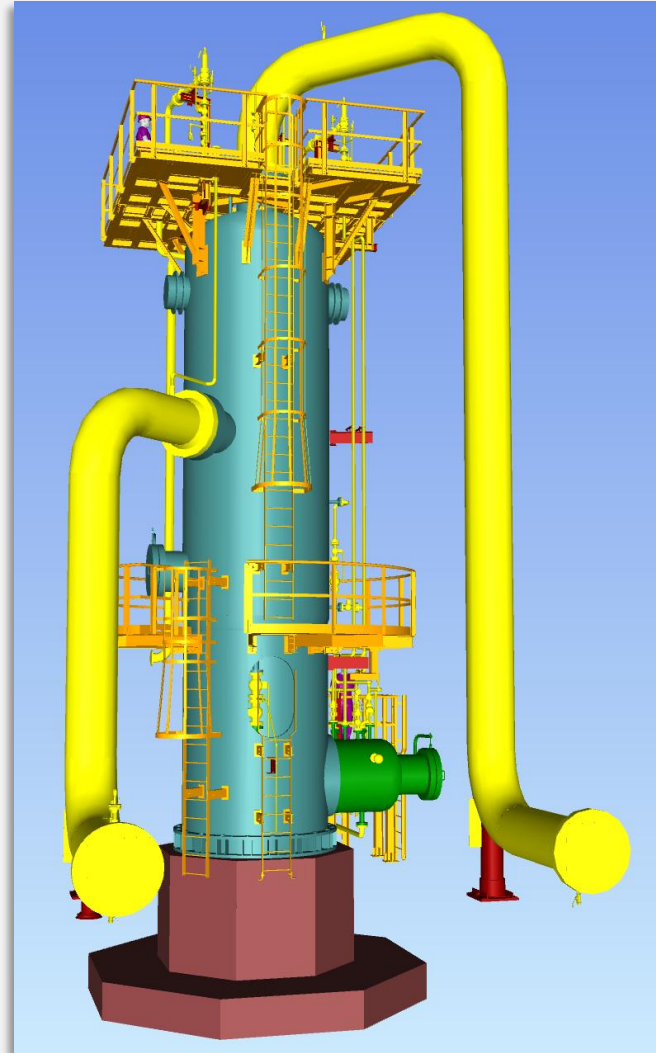
Turnkey Filtration Stations (Design → Optimize → Build → Commission)

PRODUCTS

Wringing Separator™

Single Stage

- 99% down to 1 micron
- Solid and Liquid removal
- Maintenance Free
- Constant pressure drop
- Online Cleaning
- No need 2nd stage Cartridge
- Less Footprint area



PRODUCTS *Wringing Separator™*



PRODUCTS

Cyclone Cartridge

Double Stage Cyclone-Cartridge

ITS Saudi Ltd. provides cyclone separators for bulk removal of solids and liquids from gas streams using centrifugal force. The gas enters tangentially, creating a high-velocity vortex that drives heavier particles toward the vessel wall and into the collection chamber, and the partially cleaned gas then passes to the second stage for further polishing of the remaining fine particles.



1st Stage Cyclone 99% down to 8 micron
2nd Stage Cartridge Filter Efficiency 99.9% down to 1 micron
 Removal bundle for easy maintenance, if required

PRODUCTS

Multicyclone Cartridge

Double Stage using Multicyclone

ITS Saudi Ltd. provides multicyclone separators for bulk removal of solids and liquids from gas streams using centrifugal force. The gas enters tangentially, creating a high-velocity vortex that drives heavier particles toward the vessel wall and into the collection chamber, and the partially cleaned gas then passes to the second stage for further polishing of the remaining fine particles.



1st Stage Multicyclone 99% down to 3-5 micron

2nd Stage Cartridge Filter Efficiency 99.9% down to 1 micron

Removal bundle for easy maintenance, if required

PRODUCTS

Cartridge & Coalescer Filters

High-Efficiency Filtration for Solids and Liquids

ITS Saudi Ltd. supplies advanced cartridge and coalescer filters designed for absolute removal of solids and liquids from gas streams. Both technologies are engineered to protect critical equipment, extend service life, and reduce operating costs.



SERVICES

Skid Rental

High-Efficiency Filtration Skid

Our systems are designed to protect critical equipment, improve process reliability, extend service life, and reduce operating costs while offering flexible and rapid deployment for temporary and emergency operations.



SERVICES

Direct-fit Cartridge Replacement

Direct-fit filter replacements with our competitors that extend service life without any vessel modifications.

From turnkey filtration stations to complex projects, we deliver end-to-end solutions with precision, safety, and multi-discipline expertise.



SERVICES Cartridge Replacement



SERVICES

Online Sampling

Online Sampling

ITS Saudi Ltd. offers online sampling services that provide continuous monitoring of gas streams without interrupting operations. This enables early detection of contaminants, proactive decision-making, and improved equipment protection.



Key Features

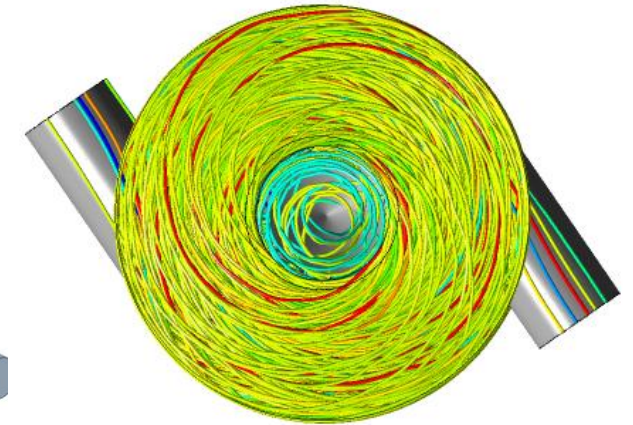
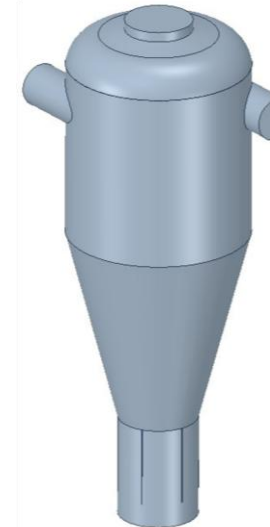
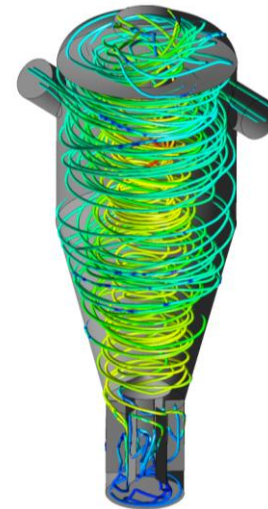
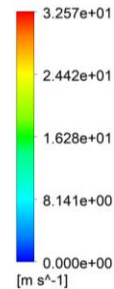
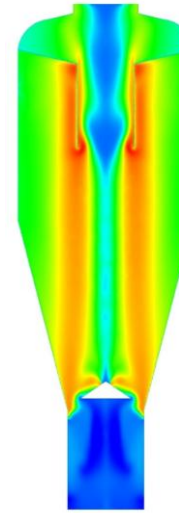
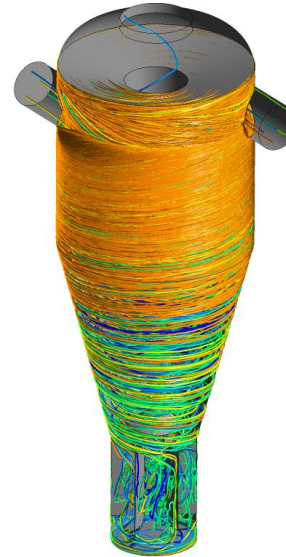
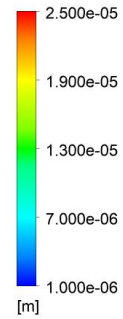
- Continuous, real-time monitoring of solids and liquids under live operating conditions
- Non-intrusive installation directly on pipelines with no shutdown required
- High accuracy in measuring particle size distribution, solid loading, and liquid carryover
- Evaluation of existing filters and separators using precision sampling kits
- Preventive maintenance support through early issue detection
- Data logging and analysis for process optimization and regulatory compliance

ENGINEERING

CFD Simulation

We provide advanced CFD simulation services to analyze and optimize fluid flow, particle behavior, and filtration performance in gas streams.

The simulations are used to evaluate separation efficiency, pressure drop, and fine particle removal, helping to improve equipment design, reduce prototyping costs, and enhance operational reliability before manufacturing.



PARTNERS

Strategic Partnerships Supporting Localization and Sustainable Growth

Advanced Filtration
Inhouse Engineering
Proven Performance
Local Strength



Wringing Separator

- Sole global provider
- Aramco Approved
- Advanced, and uniquely engineered separation technology
- No equivalent solution available on the market



Cartridge Filter

- Exclusive Partner
- 9Com Approved
- High-Capacity Filter
- Flexibility in Design
- Direct Fit with Competitors



Valves, Fittings, Metering, Pressure Reducers, Fire Fighting

- Sales collaboration covering valves, fittings, metering systems, PRS, and fire-fighting
- Valves and fittings fully 9Com approved

9COM-APPROVED

Gas-Liquid Coalescers

9COM 6000016192

Liquid-Liquid Coalescers

9COM 600002930

Solid Filtration Media

9COM 6000016193

TRACK RECORD & OPERATIONS

3.1 Engineering Team

3.2 References

3.3 Under Execution by ITS

3.4 ITS Certificates

ENGINEERING TEAM

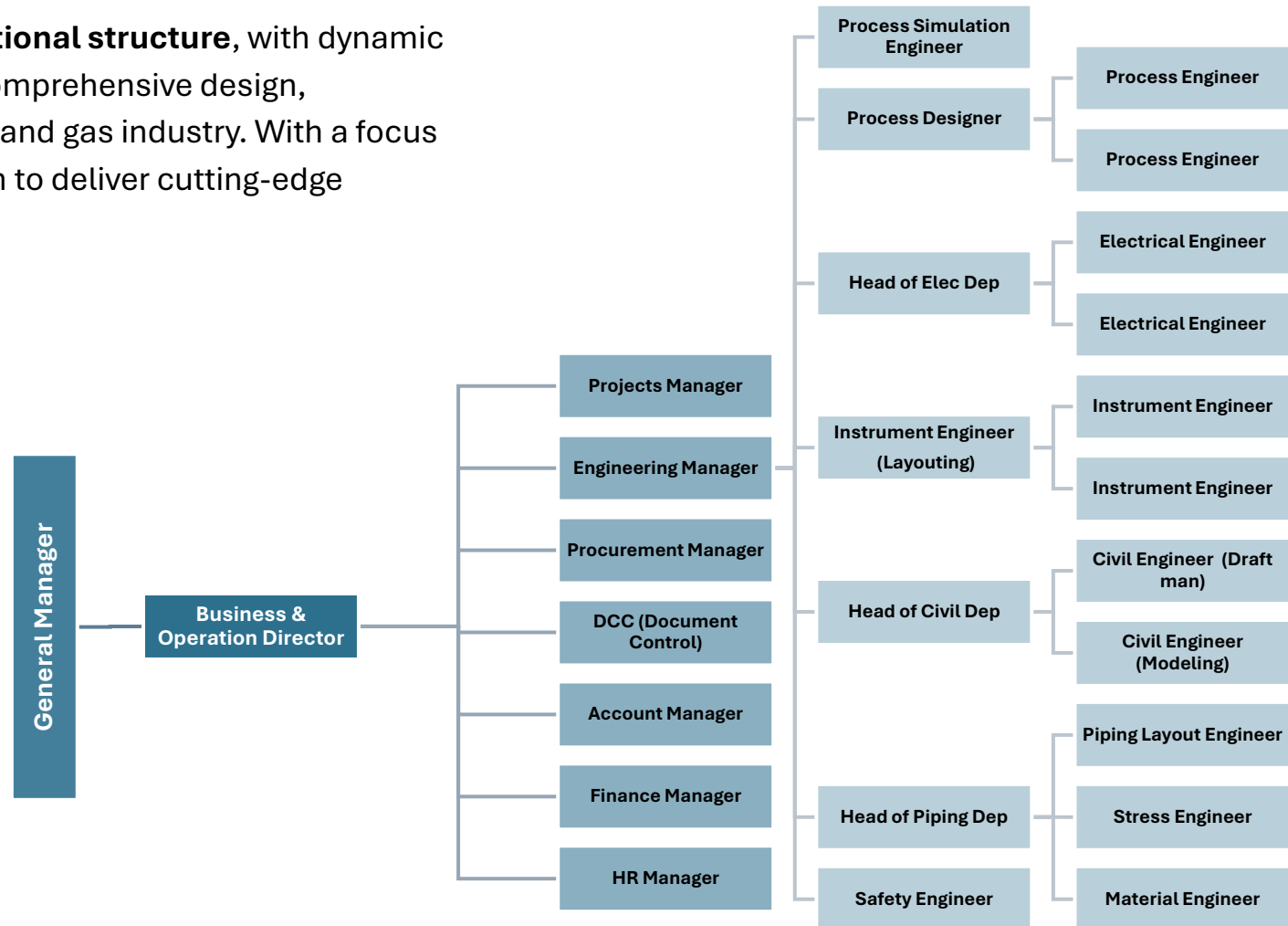
Experienced Leadership and a Lean, Efficient Operational Model

Advanced Filtration
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Proven Performance
Local Strength



ITS Saudi Ltd. maintains a **lean and efficient operational structure**, with dynamic project management firm specializing in providing comprehensive design, engineering, and project planning services for the oil and gas industry. With a focus on innovation, quality, and client satisfaction, we aim to deliver cutting-edge solutions that meet the evolving needs of our clients.

The company's streamlined approach ensures optimal use of resources while maintaining technical excellence and delivery capability. This controlled cost base reflects strong financial discipline, enabling sustainable growth and competitive project execution within the Saudi industrial market.



REFERENCES

Strong Installed Base in Saudi Arabia

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INDUSTRIAL TRUST

Over the years, ITS Saudi Ltd. has earned the trust of leading organizations across the Kingdom's Oil & Gas, energy, water, and petrochemical sectors. Our proven performance, engineering reliability, and commitment to local excellence have established us as a preferred partner for filtration and separation solutions in some of the nation's most critical industrial projects such as Master Gas Phase 3.

CLIENT	GAS FLOW	BI No. / PO ref	APPLICATION	COUNTRY
ARAMCO, WASIT GAS PLANT	12 MMSCFD	6510956869	SUBMICRON WET BLACK POWDER	KSA
ARAMCO, HAYWIYAH TRAIN 1	920 MMSCFD	6510928993	SLUDGE BLACK POWDER	KSA
ARAMCO, HAYWIYAH TRAIN 2	920 MMSCFD	6510928993	SCRAPPING BLACK POWDER	KSA
ARAMCO, Uthmaniyah Gas Plant	650 MMSCFD	BI-10-01760	HC + BLACK POWDER	KSA
BERRI JUNCTION, MARAFIQ	608 MMSCFD	7000004805	BLACK POWDER	KSA
ARAMCO, YANBU REFINERY	34 MMSCFD	4503737237	BLACK POWDER	KSA
MARAFIQ YANBU	255 MMSCFD	7200005003	LIQUID + BLACK POWDER	KSA
SWCC JUBAIL	153 MMSCFD	25302007	STICKY BLACK POWDER	KSA
DAELIM /BASELL	9.3 MMSCFD	4236734	COMPRESSOR PROTECTION	KSA
SAHARA	66 MMSCFD	SA-2736.2009	COMPRESSOR PROTECTION	KSA

UNDER EXECUTION BY ITS Saudi

Ongoing Projects Delivering Proven Performance and Reliability

Advanced Filtration
Inhouse Engineering
Proven Performance
Local Strength



ITS Saudi Ltd. is currently executing a range of strategic filtration and engineering projects across the Kingdom.

Each project reflects our technical depth, precision in execution, and commitment to timely delivery.

Through these ongoing projects, ITS Saudi continues to reinforce its reputation as a reliable partner for high-performance, Saudi-engineered solutions

Project	EPC	Reference	Service / Technology
ARAMCO, MASTER GAS PHASE III PK10	NESMA/SICIM JV	BI-49-14044	BLACK POWDER - CARTRIDGE FILTER SKID MOUNTED
ARAMCO, MASTER GAS PHASE III PK14	NESMA/SICIM JV	BI- 49-14044	BLACK POWDER – CYCLONE + CARTRIDGE STAND ALONE
ARAMCO, MASTER GAS PHASE III PK11	MAX STREICHER	BI- 49-20676	BLACK POWDER – CYCLONE + CARTRIDGE STAND ALONE
ARAMCO, SALES GAS YANBU	ALSHARIF/SICIM JV	BI-21-00097	BLACK POWDER – WRINGING SEPARATOR
ARAMCO HARADH GOSP-3 120MBCD OIL INCREMENT PROJECT	SINOPEC	BI-10-16921	GAS LIQUID SEPARATION - MULTICYCLONE

ITS Certificates

Advanced Filtration
Inhouse Engineering
Proven Performance
Local Strength




THE CERTIFICATION INTERNATIONAL

CERTIFICATE OF REGISTRATION

This is to certify that

ITS SAUDI LTD
Building 8356, Prince Naif Street, Al Khubar Ash Shamaliyah District,
Al Khobar 34426, Saudi Arabia.

has implemented a

Quality Management Systems

which has been assessed for conformance with

ISO 9001:2015

and has been found to be in compliance.

Scope of Registration:

Design, Detailed Engineering, Supply, and System Integration of Gas and Liquid Filtration Systems, Including Black Powder Mitigation, Online Sampling, and Maintenance Services.

EA CODE:	34
Certificate No:	TCI-Q-2064-26
Issued:	14/04/2026
Valid through 1 st Surveillance:	14/04/2027
Certified since:	14/04/2026

This certificate is the property of The Certification International and remains valid until April 2029, 13, subject to timely and successful completion of surveillance audits as indicated above. To verify certification status: <https://tciglobe.com/data/>






The Certification International
www.tciglobe.com . info@tciglobe.com
Critical office: (21, 23) Khaled Ibn Al-Walid Street - Sidi Bishr Bahary - Montazah
Alexandria Governorate - Egypt.
Head office: 119 CAMINO DE LAS COLINAS REDONDO BEACH ,CA,90277, USA



Issue Date : 01/11/2023, Rev:00



THE CERTIFICATION INTERNATIONAL

CERTIFICATE OF REGISTRATION

This is to certify that

ITS SAUDI LTD
Building 8356, Prince Naif Street, Al Khubar Ash Shamaliyah District,
Al Khobar 34426, Saudi Arabia.

has implemented a

Environmental Management Systems

which has been assessed for conformance with

ISO 14001:2015

and has been found to be in compliance.

Scope of Registration:

Design, Detailed Engineering, Supply, and System Integration of Gas and Liquid Filtration Systems, Including Black Powder Mitigation, Online Sampling, and Maintenance Services.

EA CODE:	34
Certificate No:	TCI-E-2065-26
Issued:	14/04/2026
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This is to certify that

ITS SAUDI LTD
Building 8356, Prince Naif Street, Al Khubar Ash Shamaliyah District,
Al Khobar 34426, Saudi Arabia.

has implemented a

Occupational Health & Safety Management Systems

which has been assessed for conformance with

ISO 45001:2018

and has been found to be in compliance.

Scope of Registration:

Design, Detailed Engineering, Supply, and System Integration of Gas and Liquid Filtration Systems, Including Black Powder Mitigation, Online Sampling, and Maintenance Services.

EA CODE:	34
Certificate No:	TCI-O-2066-26
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Thank You



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