



ISCO OIL&GAS



LEADING SERVICE PROVIDER



INTERNATIONAL ENERGY EXPERT



OIL EXPLORATION CAPITAL



OUR CERTIFICATES



Qualitas
International
Certification Ltd. UK
C.H. 10338001
www.qualitascert.co.uk
20-22 Wenlock Road_London N1 7GU_England

Certificate of Approval

This is to certify that



IDREES SWRJI Co
#999 – Dream City – Erbil – Kurdistan Region of Iraq

Has been assessed by Sagaci Certifications PVT. Ltd through
Qualitas International Certification Ltd. UK IRCA Auditors
and found comply with the requirements of Quality Management System

ISO 9001:2015

CERTIFICATE SCOPE

Providing Logistical Support, Manpower and
Catering for Oil and Gas Projects

The certificate has been registered by Sagaci Certifications PVT. Ltd.,
Registered on: 17.07.2020
Issued on: 17.07.2020
Expires on: 16.07.2021
Surveillance on/before 01st June 2021

Certificate No. IAS/1077





Qualitas International Certification Ltd.UK
Certification Manager/ME




QIC File No. 061



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and found comply with the requirements of
Occupational Health and Safety Management System

ISO 45001:2018

CERTIFICATE SCOPE

Providing Logistical Support, Manpower and
Catering for Oil and Gas Projects

The certificate has been registered by Sagaci Certifications PVT. Ltd.,
Registered on: 17.07.2020
Issued on: 17.07.2020
Expires on: 16.07.2021
Surveillance on/before 01st June 2021

Certificate No. 0227




Qualitas International Certification Ltd.UK
Certification Manager/ME




QIC File No. 061

1 ISCO, managed and funded Oilfield Services pro-

vider, headquartered in Erbil, capital of the Kurdistan Region of Iraq. We are a leading service provider to the International Oil Companies operating in the Region.

2 Our team has decades of international energy experience and an array of skills to

offer. We are intensely focused on Kurdistan Region and Iraq markets, now referred to as the "Oil exploration capital of the world". Our dedication and commitment to our clients and is unsurpassable.

3 Our Vision To achieve excellence in our industry as the leader, global-

ly respected, financially sound and positioned to generate future value for Kurdistan region's and Iraq's. Become a strategic partner of choice for our clients.



Certificate of Achievement

This is to certify that



IDREES SWRJI Co

#999 – Dream City – Erbil – Kurdistan Region of Iraq.

Has been assessed by Sagaci Certifications PVT. Ltd through Qualitas International Certification Ltd. UK IRCA Auditors and found comply with the requirements of Food Management System standard

ISO 22000:2005

CERTIFICATE SCOPE

Providing Logistical Support, Manpower and Catering for Oil and Gas Projects

The certificate has been registered by Sagaci Certifications PVT. Ltd.,
Registered on: 17.07.2020
Issued on: 17.07.2020
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Surveillance on/before 01st June 2021

Certificate No: 226

Qualitas International Certification Ltd.UK
Certification Manager/ME



QIC File No. 061





OUR STORY

ISCO Oil and GAS is one of Kurdistan's leading professional construction company in the domestic market of oil, construction, steel construction, property and buildings. We provide engineering, architecture, construction and maintenance services to private and public sector clients.

Since its establishment and privately owned, ISCO Construction operates all over Iraq. We employ professional team members to deliver projects with high standards of safety, quality, quality and ethics across the entire asset value chain. Driven by a client-service led culture, we connect the knowledge, skill and experience of us with innovative practices, technical capabilities and robust systems to create lasting community benefits.

Committed to sustainable development, ISCO improves the physical, natural and social environments of the many communities in which we operate. We are guided by our workplace health, safety, quality and environmental managed systems. In alignment with the global demands, our aim is to exceed the expectations of our clients and contribute to their success...



ISCO is A Leading Service Provider Of The International Oil Companies

SAFETY

We apply today's most sophisticated safety procedures with risk management and safety equipments to keep our staff and customers safe and secure during and after the works we have applied.

Leader



Teamwork



Safety



Services





QA/ QC

Possibly the most cross-transferable discipline in the Oil and Gas industry, ISCO recruits skilled Quality Assurance/ Quality Control professionals in key locations across the Kurdistan Region's and Iraq's.

What makes ISCO different to other companies is our knowledge of the industry. Our specialist QA/ QC Consultants work solely within this and therefore understand the skills, qualifications and process management procedures.

This ensures that we can match every candidate with a position will meet or exceed your expectations..



OUR WORKING AREAS

FUEL STORAGE TANKS MANUFACTURING / ASSEMBLY

PIPELINES

LOADING & UNLOADING UNITS

STEEL CONSTRUCTION

MAINTENANCE WORKS

FIREFIGHTING SYSTEM

INSULATION WORKS

PAINT APPLICATIONS





OUR WORKING AREAS



OIL & GAS REFINERY





OIL PUMP STATION

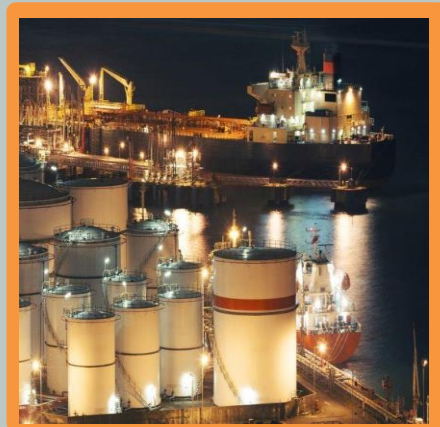


DIESELAND GAS POWER PLANT



FUEL STORAGE TANKS MANUFACTURING

ISCO provides our customers with field erected tanks built in strict accordance with the American Petroleum Institute's (API) standards. We are up-to-date on the latest news, policies, and design requirements. ISCO provides custom design, fabrication, and erection of tanks that meet API standards and customer-specific requirements. With in-house engineering, experienced drafters, complete fabrication capabilities, and field crews located throughout the country, we will be there when you need us.



PIPELINES

ISCO is fully equipped and qualified to complete mainline projects keenly focused on the current midstream pipeline market, lateral lines, natural gasfeeder lines, storage facilities, etc..

Our scope of capabilities includes: Trenching and directional boring Custom fabrication

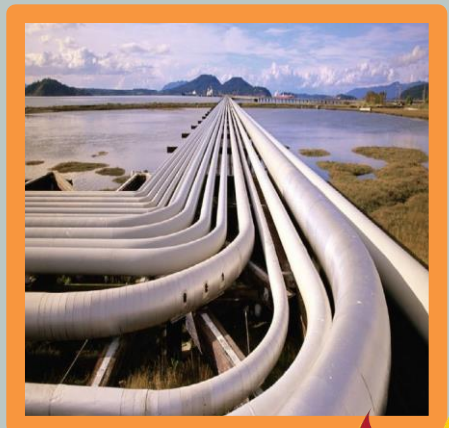
Large diameter steel

Deep excavations

Hydrostatic testing

Cathodic protection

Driver stands ready to complete your project; including new construction, relocation, replacement of existing pipe, take-up of abandoned pipe, working in green fields or in congested urban areas. Driver Pipeline will commit the resources necessary to make your project a success.





LOADING AND UNLOADING UNITS

As TALAY TECH, we are ready to design and construct refinery works, pumping station works, peak station, tank farm and similar works according to standards with our international expert team and advanced equipments.





STEEL CONSTRUCTION

ISCO is also builder in steel and realises high-quality non-residential, industrial, system building, renovation and supply projects. We have grown into an exceptionally strong, very reliable and prominent steel construction company. Whether it concerns steel, roof and wall cladding or turnkey; we carry out a wide variety of projects, fully on its own account. Always with the utmost care. You benefit from our optimal process control, own engineering from design to detail calculation, state-of-the-art production facilities and our own assembly teams. And we guarantee your safety and quality, based on an excellent management system.





MAINTENANCE WORKS

To guarantee the continuity of your production, ISCO works directly on industrial sites to maintain facilities and equipment. Your priorities are also ours: safe, efficient operations.





FIREFIGHTING SYSTEMS

ISCO offers a full range of firefighting system that includes engineering, production and installation and turnkey delivery of client based products. Variety of our solutions include,

- Sprinkler system
- Dry powder system
- FE 36 or Canister System
- FM 200 Firefighting system.





INSULATION WORKS

We are among the successful names in the industry for offering Thermal Insulation Work to our valued customers. The offered service is regarded for being prompt and effective in insulating.

It is available at cost effective prices and make use of high grade of material procured from reliable vendor base. Our services are promising and provide with effective solutions



PAINT APPLICATION

Whether it's parts made of metal, composite or other materials, it is important to identify the right partner when it comes to coating those parts with industrial paint. Understanding that the unique properties of coatings are directly dependent upon the properties of the application surface, whether for powder or liquid paint, ISCO can offer you a turnkey service.





SAND BLASTING



OIL STORAGE TANK SERVICE



ALUMINIUM GEODESIC DOME ROOF

Aluminium (more specifically an aluminium alloy) is one of the world's most commonly used metals. Its lightness coupled with its strength, and excellent corrosion resistance are the main reasons for it being used in the design of the aluminium geodesic dome roof and this non corrosive property means that the aluminium geodesic dome roof can be used on tanks used to store most products.

The aluminium geodesic dome roof is a system of triangular, lightweight extruded profiles, normally from the 6000 series, that act in compressive and tensile force to resist loading. The profiles are connected through node points and this configuration works together transmitting loads laterally to the integral tension ring and then through sliding or fixed supports to the tank shell and tank foundation. The framework is then covered with a minimum; usually from the 3000 or 5000 series, H16 Tempered 1.2 mm thick aluminium sheeting.



ALUMINIUM GEODESIC DOME ROOF



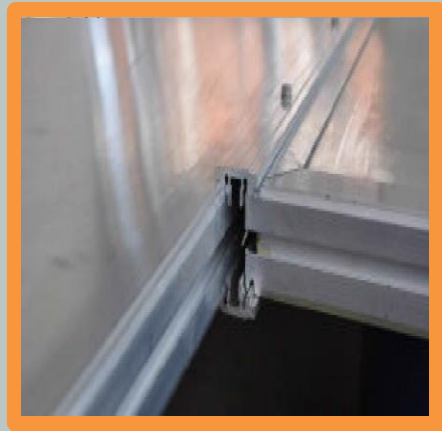
ALUMINIUM INTERNAL FLOATING ROOF

ISCO offer various designs of internal floating roofs, pontoon and full contact types, that meet and in most cases exceed the requirements of API 650 Appendix H. Although there is a fundamental difference in the design of each type of roof, many of their features and accessories are the same - selection is primarily based upon the preference of the owner. The pontoon internal floating roof is without doubt the most cost effective type due to ease of assembly and installation. All component parts can be passed through a standard tank shell manhole. There is no welding required at site and the complete installation can normally be carried out in a matter of weeks.

Aluminium internal floating roof uses a peripheral rim profile custom made to suit the nominal tank diameter this ensure that saturated hydro carbon vapours are trapped and do not escape to atmosphere and can accommodate both primary mechanical shoe seal and a secondary seal without additional modifications.



ALUMINIUM INTERNAL FLOATING ROOF F





PRIMARY AND SECONDARY SEAL SYSTEMS

All primary and secondary seals are fitted to the rim angle on the floating roof and are designed for a rim gap of 200 mm to 250 mm +/- 100 mm, however most can be modified to accommodate varying gaps provided we are aware of the requirements before seal manufacture begins.

The essential details that operators should take into consideration and provide to Ateco when purchasing a "seal system" are; compatibility of the stored product with all component parts of the seals, rim gap tolerance for the total travel of the floating roof and overall condition of the tank.

Mechanical seals can be fitted with a wax scraper and where highly volatile products are stored a drip curtain can be attached

and this has the effect of enhancing the sealing efficiency in areas where seal tip to shell contact is less than perfect due to protruding welds, severe corrosion of shell plates.





EMISSION CONTROL DEVICES

Leg Seals and Leg Socks are designed to control the vapour emissions coming from the slotted guide/gauge pole and the roof support legs on an external floating roof tank.

Pole Sleeve incorporates a reinforced premium grade urethane aminated fabric which is compatible with most hydrocarbon products as well as ozone and UV resistant. Can be fitted and maintained with the tank remaining in service.

Leg Seal is made of EPDM rubber and is resistant to most hydrocarbons, industrial chemicals and ozone, they are used to control product vapour emissions from the floating roof legs. The leg seal is easy to install and easily removed and are supplied to suit 3" and 4" roof legs and has the advantage of eliminating condensation that can occur within the leg sock.





ROOF DRAIN SYSTEMS

The advantages of this type of roof drain is the continuous sloping drain pipe which can be located so that it does not interfere with any tank internals.

Pipe with Swivel Joints is another practical and cost effective roof drain system incorporating dependable and long lasting Ateco swivel joints which are custom built to ensure they are compatible with most stored products.

Floating suction units for vertical and horizontal tanks where there is a requirement to draw product from the top surface of the stored product.

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REWINDER EARTHING SYSTEM

For external floating roof tanks is an effective and virtually maintenance free electrical grounding system specifically designed for subduing sustained arcs during lightning storms. The unit is bolted to the highest point of the tank and the tinned copper braided cable is bolted to a point on the floating roof - it extends and retracts as the floating roof travels up and down.

A traditional earthing system relies upon flexible stainless steel grounding shunts around the perimeter of the floating roof, however this type of system is only good when the tank is new and the shell is clean; eventually the tank shell becomes coated with product which then compromises the electrical bond.

The length of grounding cable varies with the height of the floating roof and this ensures the lowest possible impedance/ resistance to safely discharge lightning currents. The sealed unit is made from stainless steel and can be fitted with the tank in service.





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