



# **Inspection Corrosion Engineering Services**

## **(ICES)**

### **Engineering Inspection, Conventional and Advanced NDT Services**

**QATAR:**

Tel (+974) 4 450-5982/3  
Fax: (+974) 4 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
[info@icesq.com](mailto:info@icesq.com)

**UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
[icesabudhabi@icesq.com](mailto:icesabudhabi@icesq.com)



### **ABOUT US**

Inspection Corrosion Engineering Services (ICES) are an established organization providing extensive inspection services for Non-Destructive Testing and Destructive Testing in the Oil & Gas and Industrial sectors.

We are poised to grow as a leading Project QA/QC, Conventional and Advanced NDT service provider in the Middle East Region. Our aim is to provide the highest quality of service and attain the status of leader in local industry and beyond through Excellence in Safety, Quality of Service, & Total Customer Satisfaction. At ICES, we want to inspire our customers' sense of confidence that their quality needs are being met by the best in the business. Our workforce is highly trained and strives to provide an excellent service with exceptional integrity, a superior work ethic, extensive knowledge, and professional character.

ICES have attained Management System Certifications for **ISO 9001:2008 (Quality). ISO 14001:2004 (EMS), and OHSAS 18001:2007 Occupational Health.**

Our offices are located Doha, Qatar and in Mussaffah Industrial City, Abu Dhabi, U.A.E.

The ICES management team represents over 40+ years of experience within the Oil & Gas, Chemical, and Technology industries enabling us to offer complete quality services to our clients in both onshore and offshore environments.

We provide high quality services in the following disciplines:

- **QA/QC Services**
- **Welding Inspection**
- **Corrosion Survey**
- **Non-Destructive Testing (NDT):**
  - Radiographic Testing (RT)
  - Ultrasonic Testing (UT)
  - Magnetic Particle Testing (MT)
  - Dye Penetrant Testing (PT)
  - Eddy Current Testing (ET)
  - Visual Testing (VT)
  - Positive Material Identification (PMI)
  - Heat Treatment
- **Advanced NDT**
  - Ultrasonic Phased Array

---

#### **QATAR:**

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
info@icesq.com

#### **UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

---

- **Offshore Jackets and Deck Installations**
- **Heavy Structural Fabrication**
  - Tank Floor Corrosion Mapping
  - IRIS and MFL Inspection
  - Automated Systems
  - Cathodic Protection
- **Destructive Testing**
  - Hardness Testing

ICES are committed to becoming an industry leading solutions provider in the Middle East Region by rendering solutions to companies in need of exceptional service and support. We understand that our customers operate under strict scheduling and budgeting constraints and endeavour to tailor our service to confidently meet these needs.

Warm Regards,

---

Arthur Mendonca,  
President & CEO,  
Inspection Corrosion Engineering Services



---

### **QATAR:**

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
info@icesq.com

### **UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com





### WE PROVIDE A FULL RANGE OF NDT SERVICES

---

#### **NDT Methodology**

- **GAMMA RAY RADIOGRAPHY**

ICES uses gamma rays to produce images of the internal structure of objects onto radiographic film. Ionizing radiation passes through the material and is partially absorbed by it; the resulting image is therefore an image of the variations in thickness of material that the rays have passed through.

The methods are used essentially for the detection of defect within welds.

Gamma ray inspection has changed considerably since the Curies' discovery of radium. Man-made isotopes of today are far stronger and offer the technician a wide range of energy levels and half-lives. The technician can select Co-60, which will effectively penetrate very thick materials, or select a lower energy isotope, such as Se-75, which can be used to inspect plastics and very thin or low density materials. Today gamma rays find wide application in industries such as petrochemical, casting, welding, and aerospace.



---

- **X-RAY RADIOGRAPHY**

ICES uses x-rays to produce images of the internal structure of objects onto radiographic film. Ionizing radiation passes through the material and is partially absorbed by it, the resulting image is therefore an image of the variations in thickness of material that the rays have passed through.

The methods are used essentially for the detection of defects within welds.

While the process has changed little, technology has evolved allowing radiography to be widely used in numerous areas of inspection. Radiography has seen expanded usage in industry to inspect not only welds and castings, but to radiographically inspect items such as airbags and canned food products. Radiography has found use in metallurgical material identification and security systems at airports and other facilities.



---

#### **QATAR:**

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
info@icesq.com

#### **UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



### • X-RAY PIPELINE CRAWLER

Pipeline crawler is suitable for both Onshore & Offshore working environments. In normal configuration, it can be operated in Pipe Diameter from 10" to 60" and 6' to 12". The unit features full remote control operation of the motor, park and expose modes from outside the pipeline.

The crawler is completely self contained and does not need any external connections. The unique feature of the crawler is that with one battery pack it can Radiograph approximately 100 welds.



### • ULTRASONIC INSPECTION (UT)

Ultrasonic examination can be used for either internal examination of solid objects (i.e. welded joints) for locating and sizing defects or for simple thickness measurement of objects. The techniques rely upon the application of sound waves and then measuring response signals over time, usually referred to as UT. We are also able to provide a Guided Wave Ultrasonic service. This method employs a light weight transducer ring capable of inspecting 10s of meters of pipe, ranging from 2" to 48" diameter. This technique is ideal for locating internal & external defects on sleeved, buried or clad pipe work.



Ultrasonic testing (UT) has been practiced for many decades. Initial rapid developments in instrumentation spurred by the technological advances from the 1950's continue today. Through the 1980's and continuing through the present, computers have provided technicians with smaller and more rugged instruments with greater capabilities.

Thickness gauging is an example application where instruments have been refined make data collection easier and better. Built-in data logging capabilities allow thousands of measurements to be recorded and eliminate the need for a "scribe." Some instruments have the capability to capture waveforms as well as thickness readings. The waveform option allows an operator to view or review the A-scan signal of thickness measurement long after the completion of an

inspection. Also, some instruments are capable of modifying the measurement based on the surface conditions of the material. For example, the signal from a pitted or eroded inner surface of a pipe would be treated differently than a smooth surface. This has led to more accurate and repeatable field measurements.

Many ultrasonic flaw detectors have a trigonometric function that allows for fast and accurate location determination of flaws when performing shear wave inspections. Cathode ray tubes, for the most part, have been replaced with LED or LCD screens. These screens, in most cases, are extremely easy to view in a wide range of ambient lighting. Bright or low light working conditions encountered by technicians have little effect on the technician's ability to view the screen. Screens can be adjusted for brightness, contrast, and on some instruments even the color of the screen and signal can be selected. Transducers can be programmed with predetermined instrument settings. The operator only has to connect the transducer and the instrument will set variables such as frequency and probe drive.

---

#### **QATAR:**

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
info@icesq.com

#### **UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

### • MAGNETIC PARTICLE INSPECTION

This type of inspection is used for the detection of surface breaking flaws in non-ferromagnetic and ferromagnetic materials. It is also used for determining the presence of cracks, porosity and laps, usually referred to as MPI.

Today, the MPI inspection method is used extensively to check for flaws in a large variety of manufactured materials and components. MPI is used to check materials such as steel bar stock for seams and other flaws prior to investing machining time during the manufacturing of a component. Critical automotive components are inspected for flaws after fabrication to ensure that defective parts are not placed into service. MPI is used to inspect some highly loaded components that have been in-service for a period of time. For example, many components of high performance racecars are inspected whenever the engine, drive train or another system undergoes an overhaul. MPI is also used to evaluate the integrity of structural welds on bridges, storage tanks, and other safety critical structures.



### • DYE PENETRANT INSPECTION

This type of inspection is used for the detection of surface breaking flaws in non-ferromagnetic and ferromagnetic materials. It is also used for determining the presence of cracks, porosity and laps, usually referred to as DPI.

Liquid penetrant inspection is a method that is used to reveal surface breaking flaws by bleedout of a colored or fluorescent dye from the flaw. The technique is based on the ability of a liquid to be drawn into a "clean" surface breaking flaw by [capillary action](#). After a period of time called the "dwell," excess surface penetrant is removed and a developer applied. This acts as a blotter. It draws the penetrant from the flaw to reveal its presence. Colored (contrast) penetrant require good white light while fluorescent penetrant need to be used in darkened conditions with an ultraviolet "black light".



#### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
info@icesq.com

#### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com





## Inspection Corrosion Engineering Services (ICES)

### • POSITIVE MATERIAL IDENTIFICATION (PMI)

The NITON XLt. 800 Series analyzer is designed for rapid identification and chemistry of metal alloy composition and grade verification for applications including quality control, scrap sorting, positive material identification and failure analysis.

It is rugged and highly portable whereby we can add new features and upgrade software in the field. It is versatile and easy to use with high speed and analytical precision.



## Our Project History (UAE – Abu Dhabi)

### Our Project History (UAE)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
1	NASSER SAEED AL HAJRI & PARTNERS CONTRACTING CO./ <b>ADCO</b>	<b>ADCO / AL DABB'YA</b> SURFACE FACILITIES PROJECT – ABU DHABI	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, FERRITE TESTING, HARDNESS TESTING, LEVEL III SERVICES AND PWHT	Feb-17	Present
2	PENTRON EMIRATES CONTRACTING AND MANUFACTURING CO. LLC/ <b>BECHTEL</b>	BECHTEL/PETROFAC/EGA/AL TAWEELAH ALUMINA 25875	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT AND PWHT	Feb-17	Present
3	ALSA ENGINEERING AND CONSTRUCTION COMPANY LLC/ <b>BOROUGE/GASCO</b>	EPC FOR FILTRATION SYSTEM AT BOROUGE III CRS/ <b>BOROUGE/GSCO</b>	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PWHT AND HARDNESS TESTING.	Feb-17	Present
4	DENHOLM YAM CONTRACTING COMPANY LLC/ <b>BOROUGE</b>	EPC Works for 3rd Boiler and 4th BFW Pump in EU3, Borouge 3 (Ethylene Plant EU3) / <b>BOROUGE</b>	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, VISUAL TESTING, PWHT AND PMI.	Jan-17	Present
5	ALI & SONS MARINE ENGINEERING FACTORY LLC. (ASMEF) / <b>Petrofac/ZADCO</b>	UPPER ZAKUM 750 ISLANDS SURFACE FACILITIES PROJECT - EPC2 PROJECT No. P7512/ <b>Petrofac/ZADCO</b>	NDT (RT,MT,PT,UT,VBT,PMI), HARDNESS TESTING, PWHT/PREHEATING, PHASED ARRAY, COATING INSPECTOR, E&I ATEX CERTIFIED INSPECTOR, ACFM, EDDY CURRENT NON TUBE BASED, BOROSCOPIC INSPECTION, LEVEL III SERVICES, MECHANICAL AND CHEMICAL TESTING	Nov-16	Present
6	INSPECTEST INDUSTRIAL SOLUTIONS LLC / <b>ADMA</b>	16503/ <b>ADMA PROJECT.</b>	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PAUT/TOFD.	Nov-16	Present
7	INCO INTERNATIONAL FZ. CO. / <b>ADCO</b>	EPC FOR FABRICATION AND ERECTION OF STORAGE TANKS" EPC FOR AL DABB'YA - PHASE III" Project/ <b>ADCO</b>	RADIOGRAPHY, RT FILM DIGITIZATION, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS, VACUUM BOX TESTING, PMI, PWHT	Nov-16	Present
8	<b>TATA Consultancy</b> / Penta Global Engineering Co. LLC. / <b>TAKREER</b>	SAFE ROUTING OF SAFETY VALVES DISCHARGE AT ABU DHABI REFINERY – <b>TAKREER</b> PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS,	Oct-16	Present
9	INCO INTERNATIONAL FZ. CO. / <b>ADCO</b>	Rumaitha Adweira power station	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS, VACUUM BOX TESTING, PWHT	Sep-16	Present
10	<b>BECHTEL</b> /Petrofac/Penta Global Engineering Co. LLC.	AL TAWEELAH ALUMINA 25875	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PWHT	Jul-16	Present

#### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

#### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

11	Gulf Marine Maintenance And Offshore Services Company LLC (GMMOS)	VARIOUS PROJECT	TOFD, PHASED ARRAY, PMI, FERRITE, HARDNESS, BOROSCOPE INSPECTION, RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PWHT, PRE HEATING, PAINTING INSPECTOR, QC WELDING INSPECTOR, LEVEL III SERVICES, HOLIDAY TEST, SPY TYPE	Jun-16	Present
12	QUALITY INTERNATIONAL CO. LTD.	VARIOUS PROJECT AT HAMRIYAH & FUJAIRAH FREE ZONE LOCATION	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PWHT, PAUT/TOFD/ LEVEL III SERVICES	May-16	Present
13	KOC/Petrofac/Penta Global Engineering Co. LLC.	New Gathering Centre, GC-29 in North Kuwait (Kuwait Oil Company) (Project No. EF-1901)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PWHT	Apr-16	Present
14	ZADCO/ Oil & Gas Construction Company LLC.	ZADCO / Upper Zakum 750 Project-P7511 Sub Sea Pipelines, Cables, Offshore Structure & Brownfield (EPC-1)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS, PWHT, PMI	Apr-16	Jan-17
15	GASCO/ GOGAS Gulf Oil and Gas L.L.C.	MODIFICATION AND STRENGTHENING OF DAMAGED PIPE RACK AND PIPING –GASCO HABSHAN.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS, PWHT	Feb - 16	Present
16	TAKREER /TATA Consultancy / Penta Global Engineering Co. LLC./	SAFE ROUTING OF SAFETY VALVES DISCHARGE AT RUWAI'S REFINERY – TAKREER PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS,	Feb – 16	Present
17	Petrofac / Oil & Gas Construction Company LLC./GRN	GRN/Reggane Nord Development Project Algeria Project	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PMI, FERRITE TEST, HARDNESS, PWHT	July - 15	July-16
18	Petrofac / DENHOLM YAM CONTRACTING COMPANY LLC. /ZADCO	ZADCO / Upper Zakum 750 Islands Surface Facilities Project	ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT	July - 15	Dec - 15
19	Maa Kuthari Global Contracting L.L.C.	70 TPD CHLOR ALKALI PLANT PROJECT, ICAD III	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT	June - 15	Present
20	Perfect Engineering FZC, Sharjah/Petrofac/ ZADCO	ZADCO / UPPER ZAKUM 750 ISLANDS SURFACE FACILITIES PROJECT – EPC2	ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DRY PENETRANT TESTING	May - 15	July - 15
21	Petrofac / Penta Global Engineering Co. LLC./ALRAR	Feed Project Installation De Separation De Boosting Entry ALRAR	RADIOGRAPHY, UT, PWHT & HARDNESS	Nov. - 14	Feb - 15
22	CCC/Penta Global Engineering Co L.L.C./GASCO	AL-HOSN GAS / Shah Gas Development Project	RADIOGRAPHY, UT, PWHT & HARDNESS	Nov. - 14	April - 15
23	Samsung / NASSER S. AL HAJRI / TAKREER	TAKREER / CARBON BLACK & DELAYED COKER (CBDC)	RADIOGRAPHY, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT/POST WELD HEAT TREATMENT, PRE-HEATING	Nov-14	Present
24	Penta Global Engineering Co L.L.C /Petrofac/ ZADCO	ZADCO / UPPER ZAKUM 750 ISLANDS SURFACE FACILITIES PROJECT – EPC2	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DRY PENETRANT TESTING/POST WELD HEAT TREATMENT/HARDNESS TESTING	Nov-14	Present
25	GASCO/Union Gas Maintenance	GASCO/Union Gas Maintenance	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	May - 14	Present
26	Samsung /Fertil-2/ FERTIL	Fertil2 Ammonia/Urea Expansion Project -Shut-down	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT Testing/PMI/POST WELD HEAT TREATMENT, PRE-HEATING/HARDNESS TESTING	Apr-14	May-14
27	NASSER S. AL HAJRI (Arabian Choice General Trading Co.LLC)/ BOROUGE	Borouge XLPE Project	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & PWHT	22-Aug-13	June-16
28	SMB/Oil & Gas Construction Company L.L.C./ Aramco Saudi	Aramco Saudi / Al-Khafji Joint Operations	RADIOGRAPHY TESTING	28-July-13	31-Oct-13

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com





## Inspection Corrosion Engineering Services (ICES)

29	Samsung Eng. Co./Maa Kuthari Global Contracting L.L.C./ <b>TAKREER</b>	Ruwais Refinery Expansion Project ( <b>TAKREER</b> )	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	03-Aug-13	15-Dec-13
30	CCC/Penta Global Engineering Co L.L.C./ <b>GASCO</b>	SG-11, Shah Sulphur Station & Pipeline Project/ <b>AL-HOSN GAS</b>	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	March -13	Feb-2014
31	L&T Ltd./Oil & Gas Construction Company L.L.C./ <b>GASCO</b>	<b>GASCO</b> / Habshan,Ruwais, Shuweiha, Pipeline	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION	2013	2013
32	Gulf Pipeline Testing & Inspection / <b>GASCO</b>	<b>GASCO</b> /Union Gas Maintenance /shutdown Work	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	August-12	Dec. - 13
33	Penta Global Engineering Co L.L.C./ <b>Petrofac/ GAZPROM</b>	<b>GAZPROM</b> / Badra Oil Gas Iraq Project	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT	Oct-12	15-Nov-13
34	Oil & Gas Construction Company L.L.C./ <b>Petrofac/TURKMAN GAS</b>	<b>TURKMAN GAS</b> / Turkmenistan Gas Project	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT	March-12	Nov-12
35	Oil & Gas Construction Company L.L.C./ <b>Petrofac/GASCO</b>	<b>GASCO</b> /Ruwais NGL 4th Train	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	24-Feb-11	June-12
36	Penta Global Engineering Co L.L.C./ <b>Petrofac/ GASCO</b>	<b>GASCO</b> /Ruwais NGL 4th Train	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	24-Feb-11	Nov-12
37	NASSER S. AL HAJRI (Arabian Choice General Trading Co.LLC)/ <b>Samsung/TAKREER</b>	<b>TAKREER</b> / Ruwais Refinery Expansion Project	RADIOGRAPHY,MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	20-Feb-11	June-2014
38	Penta Global Engineering Co L.L.C./ <b>Petrofac/ TURKMAN GAS</b>	Turkmenistan Gas Project	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	25-Nov-11	Nov-12
39	Belleli Energy S. R.L.	SHELL-EPF-PROJECT SHOUTHERN IRAQ	PWHT machine & Technician supply	14-Sep-11	15-Nov-11
40	Belleli Energy S. R.L.	SHELL-EPF-PROJECT SHOUTHERN IRAQ	HEAT TREATMENT - POST WELD (P.W.H.T.) / STRESS RELIEVING	01-Jun-11	02-Aug-11
41	S.K.Engineering/DANHOLM YAM Contracting Company L.L.C.	Ruwais Refinery Expansion Project/ <b>TAKREER</b>	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT & PWHT WORKS.	08-Nov-11	28-02-13
42	CCC/ Oil & Gas Construction Company L.L.C.	<b>ADCO</b> / SAHIL & SHAH (C.C.C)	POST WELD HEAT TREATMENT	2011	2011
43	Beta Inspection Services/ <b>Doosan</b>	Jabel ali M Station / Dewa Power Project	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT	01-Oct-10	31-Mar-11
44	FBM-KNM FZCO	TAKREER RRE PROJECT #3 O&U PROJECT DANIALY ITLY PROJECT	RADIOGRAPHY TESTING	17-Aug-10	28-Feb-11

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

### Our Project History (Qatar)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
1	DOPET/Qatar Petroleum	EPIC of Integrated Oily Water/Sludge Handling system, New Drain System, Fire Protection system for crude oil Manifold and Pipeline Replacement at Halul.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING.	Aug-13	Present
2	DOPET/Qatar Petroleum	EPIC FOR INJECTION OF KHUFF GAS TO ARAB-D GAS CAP USING NORTH FIELD INJECTION STATION - PHASE 1	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING.	Aug-13	Present
3	CONTINENTAL COOLING CO. (WLL) / Qatar Petroleum	PJ-1837 at Halul Island	RADIOGRAPHY TESTING, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT TESTING	Aug-13	Present
4	ETIMAAD QATAR LLC/Qatar Petroleum	EPIC OF NEW LGO TANK (2114FI) AND UTILIZATION OF LC TANK (2145FA) FOR LGO SERVICE AT QP REFINERY, MESAIEED	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT. PMI, VACUUM BOX TESTING, PWHT	Jun-13	Present
5	DOPET/Qatar Petroleum	EPIC FOR CREATION OF ADDITIONAL SLOTS MANIFOLDS AT DUKHAN	RADIOGRAPHY TESTING (X-ray)	Apr-13	Present
6	M/s Consolidated Contractors Group S.A.L. (Offshore) & / Teyseer Contraction Co.WLL. J.V / RASGAS	MULTIPURPOSE ADMINISTRATION COMPLEX PHASE-1 AT RAS LAFFAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PWHT	Mar-13	Present
7	Fouere Lagadec Qatar/Q CHEM/RLOC	Different Sites Job	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT. PMI, VACUUM BOX TESTING, PWHT, HARDNESS TESTING	Mar-13	Present
8	TRAGS / Qatar Petroleum	EPIC For Fire Water System at PS2 & PS3 Platforms	GAMMA & X-RAY RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Mar-13	Present
9	Leo Steel Construction Co.	HALUL ISLAND	Supply of Welding Inspector	Feb-13	Present
10	M/s Consolidated Contractors Group S.A.L. (Offshore) & / Teyseer Contraction Co.WLL. J.V / RASGAS	RASGAS ONSHORE EXPANSION PROJECT - Phase 2	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Dec-12	Present
11	Novum Structures	Falcon Tower #10-2034-020A	Supply of Welding Inspector	Nov-12	Present
12	M/s Consolidated Contractors Group S.A.L. (Offshore) & / Teyseer Contraction Co.WLL. J.V/ RASGAS	BARZAN ONSHORE PROJECT/OFFSHORE PIPELINE PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Mar-12	Present
13	Qatar Engineering & Construction Company W.L.L. (QCON) / Qatar Petroleum	EPIC FOR GAS SWEETENING FACILITIES PROJECT (GSF) – SRU Mesaieed (2970) & AGRP Dukhan (2971)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Dec-11	2012
14	Manco International General Contracting w.l.l. / Qatar Petroleum	EPIC FOR GAS SWEETENING FACILITIES PROJECT (GSF) – SRU Mesaieed (2970) & AGRP Dukhan (2971)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Nov-11	Present

#### QATAR:

Tel (+974) 450-5982/3  
 Fax: (+974) 451-5860  
 P.O. Box: 8297,  
 Doha ,Qatar  
 info@icesq.com

#### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
 Fax: (971) 2 550-2663  
 P.O. Box: 91899,  
 Abu Dhabi, U.A.E.  
 icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
15	M/s Consolidated Contractors Group S.A.L. (Offshore) & / Teyseer Contraction Co. J.V/ <b>Qatar Petroleum</b>	EPIC FOR GAS SWEETENING FACILITIES PROJECT (GSF) – AGRP Dukhan (2971)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING	Aug-11	Present
16	M/s Consolidated Contractors Group S.A.L. (Offshore) & / Teyseer Contraction Co. J.V/ <b>Qatar Petroleum</b>	EPIC FOR GAS SWEETENING FACILITIES PROJECT (GSF) – SRU Mesaieed (2970)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING	Aug-11	Present
17	<b>TOPAZ ENGINEERING/QATARGAS</b>	QATARGAS 3&4 CORROSION PROTECTION FACILITIES PROJECT Platform 7, 8, & 9 Corrosion Remedial Works, Fender Installation & modification to Boat Landing	ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Aug-11	Jun-12
18	<b>DOPET/Qatar Petroleum</b>	OXY-PS1 (DMS Champion) (Offshore)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	May-11	May-12
19	<b>Punj Lloyd Ltd/NDIA</b>	CP-16 NDIA	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	Oct-10	2012
20	<b>DOPET/Qatar Petroleum</b>	GC09106100 EPIC OF JET A1 PIPELINE FROM BSV3 TO NDIA	PIPELINE RADIOGRAPHY BY INTERNAL CRAWLER WITH X-RAY MACHINE, EXTERNAL X-RAY, STATION PIPING BY X-RAY/GAMMA RAY, MPI, UT, HARDNESS TESTING	Feb-10	2012
21	<b>SUNGDO ENGINEERING &amp; CONSTRUCTION CO.LLC/DOOSAN</b>	QATALUM POWER PLANT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT, PRE-HEATING, PWHT, HARDNESS TESTING.	Jul-09	2012
22	<b>L&amp;T/QATAR PETROLEUM</b>	EPIC FOR GAS SUPPLY TO STATION V & FACILITY C	RADIOGRAPHY TESTING	Jul-09	2010
23	<b>HYUNDAI ENGINEERING &amp; CONSTRUCTION CO.LTD / QAFCO</b>	QAFCO 5 PROJECT, Mesaieed Qatar (QONE)	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT, PRE-HEATING, PWHT, HARDNESS TESTING.	Feb-09	Present
24	<b>RAS GIRTAS POWER COMPANY (RGPC)/HYUNDAI</b>	RAS LAFFAN C IWPP PROJECT	RADIOGRAPHY TESTING	Apr-08	Present
25	<b>CONSOLIDATED CONTRACTORS INT'L Co. / TEYSEER CONT. CO.J V/ SHELL</b>	Pearl GTL Project, Ras-laffan	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT	Apr-08	2012
26	<b>NASSER S. AL HAJRI/SHELL</b>	PEARL GTL PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT, PRE-HEATING, PWHT, HARDNESS TESTING.	Apr-08	2010
27	<b>CHIYODA – Hyundai Consortium/SHELL</b>	Pearl GTL C4 Project, Ras-laffan	RADIOGRAPHY TESTING	Feb-08	2012
28	<b>TOYO-HYUNDAI CONSORTIUM/SHELL</b>	PEARL GTL C5 PROJECT, RAS-LAFFAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT	Feb-08	2012
29	<b>AM.EM.QATAR/ MMAA</b>	DSWMC PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & PWHT.	Jan-09	May-11

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com





## Inspection Corrosion Engineering Services (ICES)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
30	AM.EM.QATAR/ QEWC	RAS ABU FANTAS A1 PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS.	2008	May-11
31	GAMA QATAR /QATARGAS	QATARGAS 3 & 4 LNG ONHORE UTILITY, OFFSITE & OFFPLOT WORKS	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT PRE-HEAT & PWHT WORKS & HARDNESS TESTING.	2006	Nov-10
32	AM.EM.QATAR/ QATALUM	FTP-4 PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & PWHT.	Jan-09	Aug-10
33	NASSER AL HAJRI CO. /QATARGAS	QATARGAS 3 & 4 ONHORE SRU PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT PRE-HEAT & PWHT WORKS & HARDNESS TESTING.	2006	Oct-10
34	CONSOLIDATED CONTRACTORS INT'L Co. / TEYSEER CONT.CO.J V /RASGAS	RASGAS ONHORE / ONPLOT EXPANSION	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	2006	Jun-11
35	Sime Darby Engineering Sdn. Bhd. / Qatar Petroleum	Engineering, Procurement, Installation & Commissioning of Bh-D05, BH-M04 and BH-103 Wellhead Jackets, Topsides, Pipelines, Tie-Ins and miscellaneous flow lines in BH & MM fields offshore along with topsides modifications for Qatar Petroleum	ULTRASONIC, MAGNETIC PARTICLE & DYE PENETRANT EXAMINATION.	Jul-07	Dec-08
36	DAEWOO ENGINEERING & CONSTRUCTION/QATARGAS	LAFFAN REFINERY	RADIOGRAPHY, ULTRASONIC, PRE-HEAT & PWHT WORKS & HARDNESS TESTING.	2006	2009
37	GALFAR AL MISHNAD/ VIJAY TANKS/ Qatar Petroleum	EPIC of 5 Nos. Storage tanks and associated System at QP Refinery, Mesaieed	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT	Jun-07	Jul-09
38	NASSER AL HAJRI CO./RASGAS	RASGAS FLOUR PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT PRE-HEAT & PWHT WORKS & HARDNESS TESTING.	2007	2009
39	MEDGULF CONSTRUCTION CO./QTEX	QTEX PROJECT CONSTRUCTION OF 8' PIPELINE FROM MESAIEED TO AL-UDEID AIR BASE TERMINAL	X-RAY CRAWLER.RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT,	2008	2009
40	PANORAMA/ Qatar Petroleum	GTC 06/107 ED VTC#3 EPIC OF FLASH GAS /SAG PIPELINE BETWEEN FSP AND FMDS	X-RAY CRAWLER. RADIOGRAPHY	Sep-08	Jul-09
41	BELLELI ENERGY S.P.A/RASGAS	RASGAS ONHORE TANK FARM	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT.	2006	2008
42	AM.EM.JV / QEWC	RAS LAFFAN B POWER STATION.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS	2006	2008

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
43	MEDGULF CONSTRUCTION CO. / <b>Qatar Petroleum</b>	GTC 04/243/ED EPIC OF COMMON UTILITIES & FACILITIES FOR LIQUID PRODUCT BERTHS 1A & 1B TOPSIDES AT RASLAFFAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT PRE-HEAT & PWHT WORKS & HARDNESS TESTING.	2005	2006
44	MEDGULF CONSTRUCTION CO. / <b>Qatar Petroleum</b>	GTC 04/175/ED EPIC OF NEW PRODUCTION AND INJECTION WELLS AT ARAB-D IN DUKHAN FIELD	CRAWLER X-RAY RADIOGRAPHY,X-RAY EXTERNAL RADIOGRAPHY, GAMMA RADIOGRAPHY,ULTRASONIC, MAGNETIC PARTICAL INSECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS & HARDNESS TESTING	2005	2006
45	NASSER AL HAJRI COMPANY LTD/ <b>DOLPHIN ENERGY</b>	DOLPHIN - QATAR	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS	2005	2007
46	AM.EM.JV/ <b>QEW</b>	RAS LAFFAN B POWER STATION.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS	2005	2007
47	SICILSALDO s.r.l. / <b>DOLPHIN ENERGY</b>	DOLPHIN PROJECT – ONSHORE 48” & 36” PIPELINE	X-RAY CRAWLER RADIOGRAPHY,EXTERNAL X-RAY RADIOGRAPHY, GAMMA RADIOGRAPHY,MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING & PWHT WORKS.	2005	2007
48	NASSER AL HAJRI COMPANY LTD/ <b>ORYX</b>	ORYX GTL PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS & HARDNESS TESTING	2004	2006
49	LEAD CONTRACTING & TRADING LTD. / <b>Qatar Petroleum</b>	GTC 133/EM/04 RAG & FLARE MITIGATION -- QATAR	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS & HARDNESS TESTING	2004	2005
50	LG / KIECO/ <b>Qatar Petroleum</b>	GTC 216/LAB/03 QP LAB PROJECT LINEAR ALKYL BENZENE	RADIOGRAPHY,ULTRASONIC,MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING & PWHT WORKS	2004	2006
51	MEDGULF CONSTRUCTION CO. / <b>Qatar Petroleum</b>	GTC 193/ED/03 EPIC OF 3” FUEL GAS PIPELINE FROM K1 TO KHATIAH NORTH DEGASSING STATION	RADIOGRAPHY,ULTRASONIC,MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HARDNESS TESTING WORKS	2004	2004
52	BELLELI ENERGY / <b>QEW</b>	RAS LAFFAN POWER STATION	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, PRE-HEAT & PWHT WORKS & HARDNESS TESTING	2003	2004
53	MEDGULF CONSTRUCTION CO/ <b>Qatar Petroleum</b>	GTC 148/ED/02 EPIC OF THE POWERED WATER INJECTION ( PWI ) SYSTEM PHASE VI	RADIOGRAPHY,ULTRASONIC,MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING & PWHT WORKS	2003	2004
54	QATAR KENTZ/ <b>Qatar Petroleum</b>	GTC 115/ED/03 EPIC OF NEW INSTRUMENT AIR COMPRESSION PACKAGES, ADDITIONAL OIL INLET MANIFOLDS AND SHALLOW WELLS IN THE DUKHAN FIELD	RADIOGRAPHY,ULTRASONIC,MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING & PWHT WORKS	2003	2004
55	ARCHIRODON CONSTRUCTION (OVERSEAS ) Co/ <b>Qatar Petroleum</b>	GTC 152/ED/02 EPIC OF THE TOPSIDES FACILITIES TO THE MULTI PRODUCTS BERTH	RADIOGRAPHY, ULTRASONIC , PENETRANT, MAGNETIC PARTICLE INSPECTION & PWHT WORKS	2003	2004

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
56	PANORAMA CONTRACTING & ENGINEERING/ Qatar Petroleum	GTC 150/ED/03 EPIC OF 12" OIL & GAS PIPELINE REPLACEMENT PROJECT AT QNCC QUARRY AT DUKHAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING & PWHT WORKS	2003	2005
57	TRAGS/ Qatar Petroleum	GTC 223/EF/02 EPIC OF MODIFICATION TO PIPING, TELEMETRY ELECTRICAL AND INSTRUMENTATION AT 11 WHJ's PS - 2/3 FOR INSTALLATION OF MFMs	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & PWHT WORKS	2003	2003
58	QATAR KENTZ	EPIC OF HI - COD WASTE WATER DISPOSAL PROJECT	RADIOGRAPHY, MAGNETIC PARTICLE INSPECTION & PWHT WORKS	2003	2003
59	MEDGULF CONSTRUCTION CO./ RASGAS	ONSHORE PIPELINE INSTALLATION WORKS FOR RASGAS EXPANSION PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HARDNESS TESTING. 38" $\phi$ 33.1mm (X - RAY CRAWLER).	2003	2003
60	BLACK CAT CONSTRUCTION W.L.L.	LTC 004/2002 EPIC OF 4" & 6" FUEL GAS PIPELINE TO C - 1 AND DESALINATION PLANT PROJECT	100 % X-RAY RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT WORKS	2003	2003
61	MIDEAST CONSTRUCTORS LTD	GTC 116/ED/02 EPIC OF KHUFF WELLHEAD TREATMENT PLANT FACILITIES AND ELECTRICAL SYSTEM UPGRADE PROJECT -- DUKHAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT	2003	2003
62	DODSAL PTE LTD.	RWAIS - SHWEHAT GAS PIPELINE ABU DHABI	RADIOGRAPHY TESTING 42" $\phi$ 17.5mm (X - RAY CRAWLER)	2002	2002
63	BLACK CAT CONSTRUCTION W.L.L. / Qatar Petroleum	GTC 118/2000 DUKHAN FLARE UPGRADE PROJECT	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING AND PWHT WORKS	2001	2002
64	HONAM ENGINEERING & CONSTRUCTION Co. Ltd. / Qatar Petroleum	NGL - 4 PROJECT DUKHAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION AND DYE PENETRANT	2001	2002
65	HYUNDAI ENGINEERING & CONSTRUCTION Co. Ltd. / Qatar Petroleum	NGL - 4 PROJECT DUKHAN	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION AND DYE PENETRANT	2001	2003
66	CONSOLIDATED CONTRACTORS INT'L Co. S.A.L. / Qatar Petroleum	DUKHAN FIELD GAS LIFT	X - RAY CRAWLER, RADIOGRAPHY (X - Ray & Gamma ), ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT AND PWHT WORKS	2001	2003
67	CBI EASTERN ANATALT.	Q - CHEM G-2 PACKAGE -- ETHYLENE UNIT MESSAIED --- QATAR.	100 % X-RAY ON TANKS	2000	2001
68	DODSAL PTE LTD.	Q - CHEM G-2 PACKAGE -- ETHYLENE UNIT MESSAIED --- QATAR.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION AND DYE PENETRANT.	2001	2003
69	CBI EASTERN ANATALT.	QATAR VINYL PROJECT - MESSAIEED -- QATAR.	100 % X-RAY RADIOGRAPHY.	2000	2001

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha, Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com





## Inspection Corrosion Engineering Services (ICES)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
70	CONSOLIDATED CONTRACTORS INT'L Co. S.A.L.	QATAR VINYL PROJECT - MESSAIEED -- QATAR.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT.	2000	2001
71	SAMSUNG HEAVY INDUSTRIES Co. LTD. / <b>Qatar Petroleum</b>	NODCO REFINERY ( QATAR) EXPANSION PROJECT TANKS -- MESSAIEED --- QATAR.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION AND DYE PENETRANT.	2000	2001
72	CBI EASTERN ANATALT.	QATAR FUEL ADDITIVE Co. ( QAFAC ) MESSAIEED --- QATAR.	100 % X-RAY ON 3 SPHERICAL TANKS.	1999	2000
73	MIDEAST CONSTRUCTORS LTD. / <b>Qatar Petroleum</b>	GTC 152/97 D.C.F.U.P. -- PACKAGE 6	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT. PRE - HEATING AND P.W.H.T.	1998	2000
74	DODSAL / SANKO B.	QAFAC MTBE / METHANOL FACILITY - QATAR	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT, PRE - HEATING AND P.W.H.T.	1998	2000
75	ZAKHEM INTERNATIONAL CONSTRUCTION/ <b>Qatar Petroleum</b>	GTC 198/97 REPLACEMENT 30" KHUFF GAS PIPELINE POINT K1 - N	X- RAY CRAWLER, RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION AND DYE PENETRANT. 30" & 16" PIPELINE.	1998	2000
76	GALFAR AL MISNAD ENGINEERING & CONT. W.L.L. / <b>Qatar Petroleum</b>	GTC 152/97 D.C.F.U.P. -- PACKAGE 6	PRE - HEATING AND P.W.H.T.	1998	2000
77	MEDGULF CONSTRUCTION CO. / <b>Qatar Petroleum</b>	DUKHAN CONSOLIDATED FACILITIES PIPELINE PROJECT GTC 179/96.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HARDNESS TESTING. 24" Ø 85 Kms AND 14" Ø 6.5 Kms. ( X - RAY CRAWLER ).	1997	1998
78	MEDGULF CONSTRUCTION CO. / <b>Qatar Petroleum</b>	DUKHAN ARAB 'D' RECYCLING PROJECT. PIPELINE WORKS.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT & HARDNESS TESTING. 12" Ø 104 Kms, 16" Ø 35 Kms AND 36" Ø 7.7 Kms. ( 100 % X - RAY CRAWLER ).	1997	1998
79	HYUNDAI ENGG. & CONST. CO. LTD. / <b>Qatar Petroleum</b>	DUKHAN ARAB 'D' GAS RECYCLING PROJECT. DUKHAN PLANT & MESSAIEED TANK FARM.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT, HARDNESS TESTING AND P.W.H.T. SUPPLY OF WELDING & PIPING INSPECTORS.	1997	1998
80	C.C.I.C. / <b>Qatar Petroleum</b>	DUKHAN CONSOLIDATION FACILITIES UPGRADE PROJECT U.M.M. B.A.B. (CONTRACT No 150/97 )	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT.	1997	1998
81	BLACK CAT CONSTRUCTION. / <b>Qatar Petroleum</b>	GTC 110/97 P.W.I. SPURLINES & OIL FLOWLINES	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT AND HARDNESS TESTING.	1997	1999
82	BLACK CAT CONSTRUCTION. / <b>Qatar Petroleum</b>	GTC 107/07/117.	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION, DYE PENETRANT AND HARDNESS TESTING.	1997	1998

### QATAR:

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com



## Inspection Corrosion Engineering Services (ICES)

No.	Customer/ Company	Project	Type of Work	Start Date	End Date
83	C.C.I.C. / Qatar Petroleum	CONTRACT No. 158/96. KHATIAH NORTH & KHATIAH SOUTH DEGASSING STATION. UPGRADE AND CONSOLIDATED PIPELINE PROJECT.	X - RAY CRAWLER, RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT. 18"Ø AND 20"Ø PIPELINE.	1997	1997
84	C.C.I.C. / Qatar Petroleum	CONTRACT NO GTC 157/96. POWER WATER INJECTION SYSTEM EXPANSION ( PHASE V )	RADIOGRAPHY, ULTRASONIC, MAGNETIC PARTICLE INSPECTION & DYE PENETRANT.	1997	1997
85	C.C.I.C. / Qatar Petroleum	5248E – QGPC MESSAIED N.F.G.P DEBOTTLENECKING PROJECT.	RADIOGRAPHY,ULTRASONIC,MAGNETIC PARTICLE INSPECTION DYE PENETRANT, PRE -HEATING AND P.W.H.T.	1996	1997
86	CONSOLIDATED CONTRACTORS INT'L Co. S.A.L. / Qatar Petroleum	INCREASED FUEL GAS SUPPLY TO RAF 'B' GENERATION & DESALINATION PLANT PHASE II - 30" Ø GAS LINE -- 37 Kms.	X-RAY CRAWLER, ULTRASONIC & MAGNETIC PARTICLE INSPECTION.	1995	1996
87	FILIPO FOCHI PETROLCHIMICA/ QAPCO	QAPCO EXPANSION PROJECT.	RADIOGRAPHY, ULTRASONIC INSPECTION, DYE PENETRANT, MAGNETIC PARTICLE INSPECTION AND P.W.H.T.	1995	1997
88	CCC / MECON JOINT VENTURE	QAPCO ETHYLENT PLANT EXPANSION PROJECT	RADIOGRAPHY, ULTRASONIC INSPECTION, DYE PENETRANT, MAGNETIC PARTICLE INSPECTION AND P.W.H.T.	1995	1996
89	MIDEAST CONSTRUCTORS	ISND ARAB C / D DEVELOPMENT EARLY PRODUCTION SYSTEM EPS WORKS AT WHJ IS-R08	RADIOGRAPHY, ULTRASONIC & MAGNETIC PARTICLE INSPECTION AND P.W.H.T.	1995	1995
90	ALMANA STEEL STRUCTURES.	CATWALK STEEL WORK RAS LAFFAN	ULTRASONIC, MAGNETIC PARTICLE & DYE PENETRANT EXAMINATION.	1995	1995
91	MIDEAST CONSTRUCTORS	R.A.F. 'B' GENERATION & DESALINATION PLANT- PHASE - 130" Ø GAS LINE.	RADIOGRAPHY, ULTRASONIC, AND MAGNETIC PARTICLE INSPECTION.	1995	1995

### QATAR:

Tel (+974) 450-5982/3  
 Fax: (+974) 451-5860  
 P.O. Box: 8297,  
 Doha, Qatar  
[info@icesq.com](mailto:info@icesq.com)

### UNITED ARAB EMIRATES:

Tel (+971) 2 550-2661  
 Fax: (971) 2 550-2663  
 P.O. Box: 91899,  
 Abu Dhabi, U.A.E.  
[icesabudhabi@icesq.com](mailto:icesabudhabi@icesq.com)



### **OUR COMMITMENT**

ICES are committed to providing the highest quality inspection services to our customers.

To achieve this, we will:

- **Know our customers and their requirements.**
- **Deliver services which always meet or exceed our customer's expectations EVERY TIME.**
- **Ensure our customer's experience with ICES is best in industry.**
- **Continually improve the value and effectiveness of our Quality Management System, our processes, and our product offering for our customers.**
- **Ensure our employees are trained and motivated to deliver the highest quality service at all times.**
- **Never compromise Safety.**

---

#### **QATAR:**

Tel (+974) 450-5982/3  
Fax: (+974) 451-5860  
P.O. Box: 8297,  
Doha ,Qatar  
info@icesq.com

#### **UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
Fax: (971) 2 550-2663  
P.O. Box: 91899,  
Abu Dhabi, U.A.E.  
icesabudhabi@icesq.com

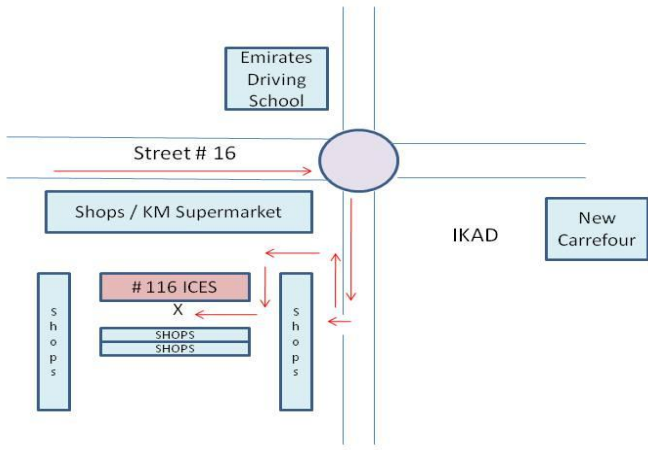




# Inspection Corrosion Engineering Services (ICES)

## CONTACT US

We are located in Qatar and the U.A.E.

<b><u>QATAR</u></b>	<b><u>U.A.E.</u></b>
<b>Inspection Corrosion Engineering Services W.L.L</b>  PO Box 8297 Doha, Qatar  Ph: (974) 4 450-5982 Fx: (974) 4 451-4860	<b>Inspection Corrosion Engineering Services U.A.E. LLC</b>  PO Box 91899 Abu Dhabi, U.A.E.  Ph: (971) 2 550-2661 Fx: (971) 2 550-2663
<p style="text-align: center;"><a href="http://www.icesq.com">http://www.icesq.com</a></p> <p style="text-align: center;"><a href="mailto:info@icesq.com">info@icesq.com</a> OR <a href="mailto:icesabudhabi@icesq.com">icesabudhabi@icesq.com</a></p>	
<p style="text-align: center;"><b><u>Our Location in Mussaffah</u></b></p> 	

### **QATAR:**

Tel (+974) 450-5982/3  
 Fax: (+974) 451-5860  
 P.O. Box: 8297,  
 Doha ,Qatar  
[info@icesq.com](mailto:info@icesq.com)

### **UNITED ARAB EMIRATES:**

Tel (+971) 2 550-2661  
 Fax: (971) 2 550-2663  
 P.O. Box: 91899,  
 Abu Dhabi, U.A.E.  
[icesabudhabi@icesq.com](mailto:icesabudhabi@icesq.com)