



Company Introduction & Capability Presentation



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Drake & Scull

OVERVIEW

Bernard Drake
founds Drake and
Gorham, a new
electrical company
with colleague
Marshal Gorham

1881

Arthur Scull starts his
plumbing business in
Bristol

1893

Drake & Gorham and
Arthur Scull and Son
merge to form Drake &
Scull Engineering

1964

DSI Establishes
office in Abu
Dhabi

1966

Drake & Scull IPO



DSI launched
a highly
successful IPO in

2008

The IPO was
oversubscribed
by

100
Times

The IPO was
ranked among
the Global Top 20
IPOs for

2008

DSI subsequently
listed on the
Dubai Financial
Market in

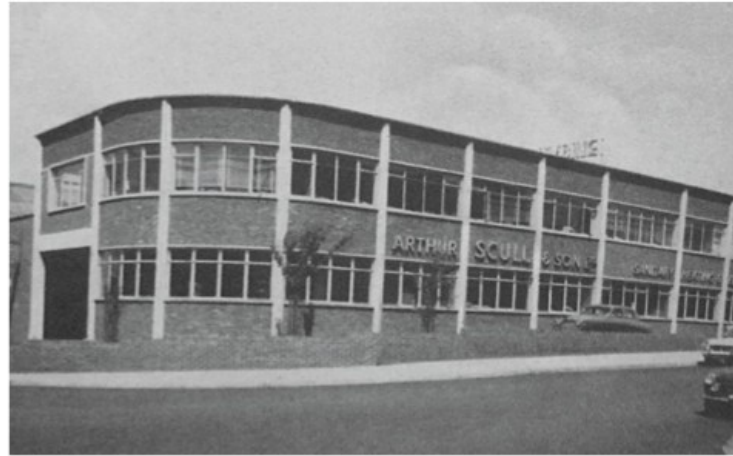
2009

History of DSI

135 years of global experience

Overview

- Established in the UK in 1881 as two dedicated companies offering Electrical and Plumbing works respectively
- Both companies merged in 1964 to create Drake & Scull International (DSI)
- Drake Scull International (DSI) ventured into the Middle East in 1966 and established offices Abu Dhabi
- Drake & Scull International (DSI) launched a highly successful IPO in 2008 and listed on the Dubai Financial Market in 2009
- Drake Scull International (DSI) diversified into General Contracting, Rail & Infrastructure, Water and Wastewater Treatment and Oil & Gas
- Post IPO, Drake Scull International (DSI) expanded its global footprint to span MENA, Europe and South Asia



Arthur Scull



Bernard Drake

Evolution of Drake & Scull



Oil & Gas Sector



Services & Capabilities



Drake & Scull Oil & Gas offers a wide range of first class Contracting Services to the Upstream and Downstream Oil, Gas, Chemical and Petrochemical Industry. We offer Engineering, EPC, EPCM & Construction Services to Clients throughout the MENA region and internationally.

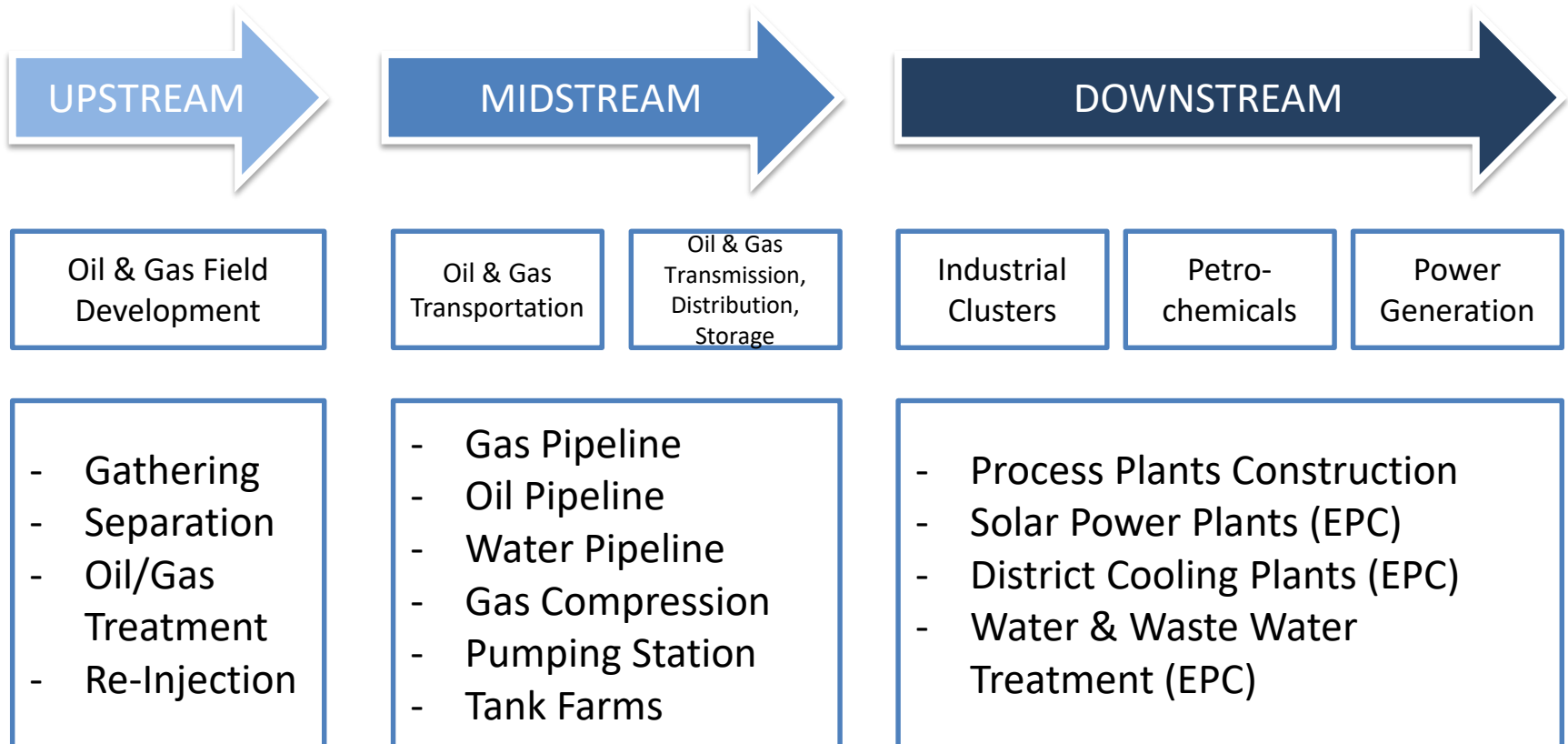
Drake & Scull Oil & Gas Contracting Services Include:

- Project Management
- Basic Design & Detailed Engineering
- Procurement of Material
- Fabrication
- Construction of Complete plants and facilities
- Construction Management Services
- Commissioning & Startup Services

Drake & Scull Oil & Gas provides a wide range of Construction and Construction Management services tailored to the specific needs of the Oil, Gas and related industries. Drake & Scull Oil & Gas services span Turnkey Solutions and Construction activities for:

- Oil, Gas and Water Pipelines
- Oil and Gas Facilities
- Oil Refineries, Gas, Chemical & Petrochemical process plants
- Terminals, Storage Tanks and related facilities
- Process and other water treatment plants and EOR injection systems

Areas of Expertise



Core Competence

Drake & Scull Oil & Gas has the capabilities to assume complete responsibility from Process Basic Design to Plant Startup of the following projects:

- Oil & Gas Gathering & Flow Stations
- Oil and Gas Pipelines
- Oil Pumping Stations
- Gas Compressing Stations
- Gas and Oil Separation Plants (GOSPS)
- Oil Stabilization Plants
- Gas Chilling and Condensation Recovery
- Gas Sweetening Plants
- Oil Dehydration and Desalting
- Gas Dehydration (glycol-molecular sieves)
- Oil and Gas Phase Separators
- Metering and Pressure Reducing Stations
- Storage Tank Farms and Terminals



Key Advantages

- Inherent Financial strength due to consolidated presence in the MENA region and strong experience in several other sectors such as General Contracting, Engineering (MEP), Rail & Infrastructure, Water and Wastewater treatment.
- Strong partnerships with major regional subcontractors and suppliers globally with a rich history of more than 137 years.
- Excellent Project Management & Control, Resources & Systems with the capability and experience to completely manage complex projects of variable scope and size to the requisite QHSE standards.
- Experienced and skilled multi-cultural manpower.
- Strong familiarity with local regulations across MENA.
- Deep network of local operations offices in the region, with strong logistical and local authorities' interface and support.
- Readily available centralized resources (manpower, construction equipment and facilities) that can be deployed quickly all across the region in short spans of time.
- DSI PJSC is one of the most active and reliable construction contractors in the Middle East, with an excellent track record and reputation for good work with repeat clients.
- Drake & Scull is registered and prequalified with many clients (NOCs and IOCs) including ADNOC, ADCO, ADGAS, GASCO, TAKREER, ZADCO of UAE, Petroleum Development Oman, Ministry of Oil Oman, ORPIC, Saudi Aramco, Basra Oil Company and Qatar Petroleum.

Resources & Equipment

As a subsidiary of Drake & Scull International PJSC, Drake & Scull Oil and Gas has access to the region's top notch talent and skills. Drake & Scull Oil & Gas can offer fast track mobilization of resources and equipment in the following countries:

- Saudi Arabia
- Kuwait
- Qatar
- Iraq
- UAE
- Egypt
- Algeria
- Oman
- Jordan

Drake & Scull Oil and Gas also has unlimited access to the following equipment:

- Welding Equipment
- Lifting Equipment
- Pipe laying Equipment
- Earth Moving Equipment
- Light and Heavy Duty Vehicles
- Civil Engineering Equipment
- Compressors and Power Generation Sets

Modern & Powerful Software Technology

Drake & Scull Oil & Gas is powered by the modern and sophisticated IT infrastructure of Drake & Scull International PJSC. The company is a regional leader in the adoption of latest computer software in critical areas of operations.

Drake & Scull Oil and Gas utilizes internationally recognized software for project management, engineering and design aspects of its projects.

Some of the software used for various components of oil and gas projects include:

- Process Simulation: Hysys, Olga, FlareNet, Pipe Net
- Process Design Rating: HTRI, WINHEAT, FLARESIM
- Civil and Structural: STAAD Pro
- Stress Analysis: CAESAR
- Piping: PDS & PDMS
- Mechanical: ETANK, PVELITE
- Electrical: ETAP
- Instrumentation: INTOOLS, SMART PLANT P&ID
- DRAFTING: AutoCAD & Microstation (2D & 3D)
- HAZOP: PHA-Pro
- Project Planning: PRIMAVERA
- Material Control: MARIAN, PUMA
- Electronic Document Management System: Aconex

Drake & Scull Oil and Gas' operations are also backed by a tested and proven Oracle J.D. Edwards ERP backend management system that boosts operational efficiency and gives project managers powerful real time project management capabilities.

ISO CERTIFICATIONS

Certificate CH15/0584

The management system of

Drake & Scull for Contracting Oil and Gas Fields Facilities L.L.C

P.O. Box: 44325, Office No- M04, Building No 1, Al Danah Area, Turouh Street No 5, Abu Dhabi, United Arab Emirates.

has been assessed and certified as meeting the requirements of **ISO 9001:2015**

For the following activities

Project Management, Engineering, Procurement, Construction, Installation & Commissioning of Water, Energy, Industrial, Oil & Gas and Related Industries process Plants & Pipeline Systems.



This certificate is valid from 01 May 2024 until 30 April 2027 and remains valid subject to satisfactory surveillance audits.
Issue 4. Certified since 01 May 2015



Authorised by
Daniel Willemin

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Certificate CH15/0585

The management system of

Drake & Scull for Contracting Oil and Gas Fields Facilities L.L.C

P.O. Box: 44325, Office No- M04, Building No 1, Al Danah Area, Turouh Street No 5, Abu Dhabi, United Arab Emirates.

has been assessed and certified as meeting the requirements of **ISO 14001:2015**

For the following activities

Project Management, Engineering, Procurement, Construction, Installation & Commissioning of Water, Energy, Industrial, Oil & Gas and Related Industries process Plants & Pipeline Systems.

SGS

This certificate is valid from 01 May 2024 until 30 April 2027 and remains valid subject to satisfactory surveillance audits.

Issue 4. Certified since 01 May 2015



Authorised by
Daniel Willemin

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Certificate CH21/0691

The management system of

Drake & Scull for Contracting Oil and Gas Fields Facilities L.L.C

P.O. Box: 44325, Office No- M04, Building No 1, Al Danah Area, Turouh Street No 5, Abu Dhabi, United Arab Emirates.

has been assessed and certified as meeting the requirements of **ISO 45001:2018**

For the following activities
Project Management, Engineering, Procurement, Construction, Installation & Commissioning of Water, Energy, Industrial, Oil & Gas and Related Industries process Plants & Pipeline Systems.

SGS

This certificate is valid from 01 May 2024 until 30 April 2027 and remains valid subject to satisfactory surveillance audits.
Issue 2. Certified since 09 July 2021

This organization was previously certified to OHSAS 18001 since 01 May 2015



Authorised by
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Major Oil & Gas Projects

Project History

Drake & Scull's rich project history is testament to the firm's reliability in successfully delivering large scale projects from Single Discipline Construction to Turnkey Solutions.

The company's service offering to clients covers the complete spectrum of the Oil & Gas industry contracting needs including Engineering, EPC, EPCM or Construction services.

The project portfolio in Oil & Gas industry spans Civil, Mechanical, Pipelines, Piping, Equipment, E&I works in addition to Turnkey Projects.



Completed Oil & Gas Projects

Project	Low Density Ammonium Nitrate Plant
Client / Owner	Egypt Hydrocarbon Corporation S.A.E
Main Contractor	UHDE
Principal Consultant	ThyssenKrupp
Location	Ain Sokhna, Egypt
Contract Value	US \$50 Million
Start Date and Completion Date	2011 – 2015
Brief Description of the project	<p>The Low Density Ammonium Nitrate Plant at Ain Sokhna (Egypt's industrial hub) with a capacity of 1060 MTPD, consists of a nitric acid unit and ammonium nitrate unit; where the nitric acid is consumed in the production of ammonium nitrate. The ammonium nitrate unit uses a single-stage, neutralization process.</p> <p>Drake & Scull Oil and Gas' scope was the complete construction works civil, mechanical and steel structure works. Including the Storage Tanks, 1488 m2 Control Building, 1,100 ton Piping, Steel Structure (which includes 5,000 tons of steel rebar), 6,100 tonnes of mechanical erection and 40,000 m3 of concrete.</p>



Completed Oil & Gas Projects



Completed Oil & Gas Projects

Project	Zubair Oil Field Development
Client / Owner	ENI Iraq BV
Main Contractor	Drake & Scull Oil & Gas
Location	Iraq, Zubair
Start Date and Completion Date	2012 – 2015
Brief Description of the project	<ul style="list-style-type: none">• Total Manhours spent: 5,840,242• Concrete: 12,000 m³• Road Crossings: 1257 thrust boring and open cut.• Earth moving & Backfilling: 755,000 m³• 2300 tonnes of Piping.• 250 tonnes of pipe supports.• 120 tonnes of platforms• MV Cable: 582 KM• LV Cable: 91 KM• FOC Cables: 521KM



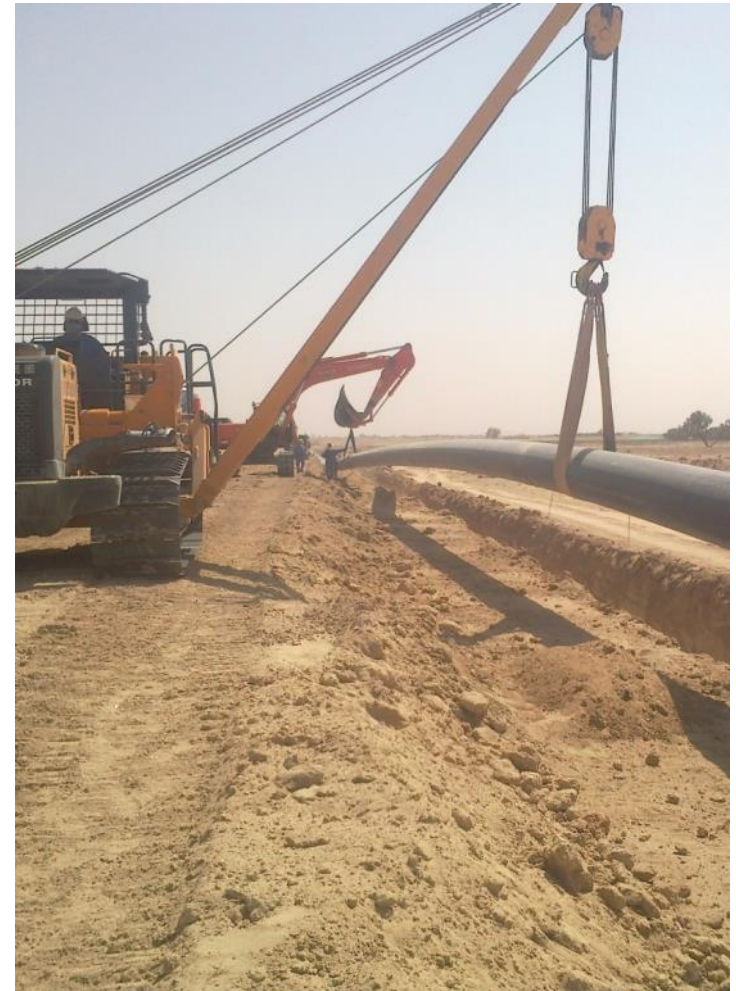
Completed Oil & Gas Projects

Project	EPC of Trunk Lines
Client / Owner	ENI Iraq BV
Main Contractor	Drake & Scull Oil & Gas
Location	Iraq, Zubair
Contract Value	US \$137 Million
Start Date and Completion Date	2012 – 2015
Brief Description of the project	Engineering, procurement and Construction of a total 130 km oil and water transfer and trunk lines ranging from 16” – 52”. Including all associated civil, structural, electrical and instrumentation works. The scope also included construction of substations. Total of 183,000 dia/inch.



Completed Oil & Gas Projects

Project	EPC of Flow Lines
Client / Owner	ENI Iraq BV
Main Contractor	Drake & Scull Oil & Gas
Location	Iraq, Zubair
Contract Value	US \$ 157 Million
Start Date and Completion Date	2012 – 2015
Brief Description of the project	Engineering, procurement and construction of a total 188 km new oil and water flowlines ranging from 6"-10", including all associated Civil, structural, electrical and instrumentation works. Total of 212,000 dia/inch



Completed Oil & Gas Projects

Project	Surface Facilities
Client / Owner	ENI Iraq BV
Main Contractor	Drake & Scull Oil & Gas
Location	Iraq, Zubair
Contract Value	US \$ 85 Million
Start Date and Completion Date	2012 – 2015
Brief Description of the project	EPC Wellhead Hook-ups and Manifolds Engineering, procurement and construction of 64 numbers of wellhead hook-ups and 64 numbers connections to manifold and degassing stations, including all associated civil, structural, mechanical, electrical and instrumentation works. Total of 56,000 dia/inch



Ongoing Oil & Gas Projects

Project	EPC of Water Injection and Gas Supply Systems
Client / Owner	ENI Iraq BV
Main Contractor	Drake & Scull Oil & Gas
Location	Iraq, Zubair
Contract Value	US \$ 71 Million
Start Date and Completion Date	2016 – 2023
Brief Description of the project	<p>EPC of Gas Supply system to power plant, including two 12” gas pipelines and all associated Civil, Mechanical, Electrical and Instrumentation Works.</p> <p>EPC of Water Injection System including 96 km of Water Flowlines and Water Trunklines ranging from 8”-24” and 14 wellheads, hook-ups and all associated civil, mechanical and E&I Works.</p>



Historical Oil & Gas and Petrochemical Projects

S.No.	Project Name	Client	Location	Start Date	Completion Date	Description of work
1	Karan Utilities and Co-Generation, Khursaniyah Gas Plant.	Saudi Aramco	Khursaniyah	2009	2011	Civil Construction works.
2	Water Injection Pump Stations (WIPS) Facilities	SNC - Lavalin / Saipem JV	Aindar & Hawiyah	2008	2009	Civil works
3	OGD III -Process Control Bldg (Onshore Gas Dev.)	GASCO	UAE, Abu Dhabi	2006	2007	MEP works for Process Control Building for OGD III. OGD-III forms the biggest of all five EPC packages under the overall OGD-III & AGD-II Scheme. OGD-III is designed to produce 130,000 barrels per day of condensate and 11,800 tons per day natural gas liquids (NGL)
4	Khursaniyah Gas Plant/ Process Facilities Khursaniyah Civil Construction Works	Consolidated Contractors Co. W.L.L (Aramco project)	Jubail,	2005	2007	Precast Elements, Doors, Windows and Glazing works, Electrical, HVAC and Waterproofing trades are subcontracted (25%)
5	Abdullah Hashim Industrial Gas Plant	Abdulla Hashim Company	Riyadh	2002	2003	Construction of Office Building for Gas Plant
6	Saudi Chevron Petrochemical Contract No. SCP-209	Saudi Chevron Petrochemical Co.	Jubail	1999	1999	Construction of Security Patrol Road, 4m wide, 150mm thick, compacted road base around the entire perimeter of Company's site security fence. Construction of 300mm x 150mm gravel parking area with gravel access road
7	Saudi Arabian Oil Company (SAUDI ARAMCO) SFC # 400572/041	Saudi Arabian Oil Company	Dhahran	1999	1999	Supply & installation of Portable Office Building at the Comm. Tower Restoration yard, DPC 238

Historical Oil & Gas and Petrochemical Projects

S.No.	Project Name	Client	Location	Start Date	Completion Date	Description of work
8	OGD, Habshan	Abu Dhabi National Oil Company	UAE, Abu Dhabi	1995	1995	Provision of services to ancillary buildings.
9	Addcap Musafah Offshore Supply Base, Contracts 4, 5 & 7.	Addcap.	UAE, Abu Dhabi	1994	1994	Design & installation of MEP services to onshore oil supply depot
10	Lekhwaier Oilfield Development	Petroleum Development Oman Llc.	Oman	1991	1991	Mechanical & electrical services to substations, control buildings and DCS building
11	LNG Loading Berth	Abu Dhabi gas Company	UAE, Abu Dhabi, Das Island	1985	1985	Electrical and Instrumentation work for loading berth
12	Oil Terminal Warehouse	Chiyoda Chemical Engineering & Construction Ltd	UAE, Abu Dhabi, Ruwais	1982	1982	Design, supply and installation of electrical services to an oil terminal warehouse

An offshore oil and gas platform is shown at night, illuminated by warm lights. The platform's structure is silhouetted against a dark blue sky with scattered clouds. The lights from the platform reflect on the dark water in the foreground. A semi-transparent dark blue horizontal band is overlaid across the middle of the image, containing the text.

Major Oil & Gas Clients

Oil & Gas Sector Major Clients



شركة أبوظبي للصناعات الغازية المحدودة
Abu Dhabi Gas Industries Ltd.



Awards

2016

- ◆ DSI wins the “MEED Quality Project of the year” and the “Sustainable Project of the year” awards in the GCC category, for its work on the King Abdullah Petroleum Studies and Research Centre, at the 2016 MEED Quality Awards for Projects.
- ◆ DSI’s work on the KAPSARC project is declared as the National Winner, KSA under the category of “Sustainable Project of the Year” at the 2016 MEED Quality Awards.

2015

- ◆ Drake & Scull won the Regional Market Penetration Award at the Construction Innovation Awards Qatar 2015.
- ◆ DSE KSA won the Enterprise Agility Award 2015 under the category of Construction Industry, for its outstanding contribution to the regional construction industry.

2014

- ◆ Drake and Scull Engineering won the 2014 Sheikh Khalifa Excellence Award under the Silver category.
- ◆ DSI PJSC won the Enterprise Agility Achiever Award at the 2014 Enterprise Agility Awards in the UAE.
- ◆ DSE Qatar won the Qatar Enterprise Agility Award for 2014, under the category of Construction companies, for demonstrating innovation and outstanding business conduct.
- ◆ DSI’s work on the prestigious KAPSARC project was declared the KSA Building Project of the Year, at the 2014 MEED Quality Awards.
- ◆ For the third consecutive year, Drake & Scull was declared the Top Construction Company in the Middle East, by Forbes Middle East.

2013

- ◆ DSI won the Health and Safety Initiative of the Year at the MEP Middle East Awards 2013, for the third consecutive year.
- ◆ DSI was recognised for outstanding work under the category Social Project of the Year for KSA for its work on the Information Technology Communications Complex in Riyadh, at the MEED Quality Awards 2013.

2012

- ◆ DSI PJSC Subsidiary Passavant Energy and Environment were bestowed with the best Wastewater Treatment Plant project in the Middle East, for their work in Shallala (Jordan) and Nablus (Palestine) at the 2012 H2O awards Middle East.
- ◆ Drake and Scull International PJSC won the Specialist Contractor of the Year award as well as the Health and Safety Initiative Award at the Construction Week MEP Awards 2012.
- ◆ Drake & Scull wins Frost and Sullivan MENA Environmental Excellence Awards for Vertical Market Penetration Leadership Award (EPC) in Middle East Waste Management Market.
- ◆ Drake & Scull International PJSC is listed among the Top 50 companies in the UAE, by Forbes Middle East.



DSI PJSC UAE | **+971 4 4463 444** DSE Abu Dhabi | **+971 2 4939200** DS Oil & Gas Abu Dhabi | **+971 2 493 9239**
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DSC KSA - Jeddah | **+966 12 660 2330** DSE KSA - Riyadh | **+966 1 291 5390** DSI Kuwait | **+965 2 243 8872**
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