



*the family company...
...that cares*

Consolidated Contractors Company
www.ccc.me



REPUBLIC OF IRAQ

REPUBLIC OF IRAQ



The Flag



Coat of Arms



Location on Earth

Capital:	Bagdad
Language:	Arabic, Kurdish
Area:	438,317 km ²
Population:	37,056,169 (2015 estimate)
GDP 2015:	US\$ 240 billion (2015)
Coastline:	58 km



Iraq - One of the Fastest Growing Emerging Markets in the World

With deep commercial traditions, vast natural resources - including world's fifth largest oil reserves - and strategic ports and airports, Iraq occupies a pivotal position in the Arabian Gulf and Middle East region, and has the potential of becoming a major cost-effective trading and distribution location.

The country's reconstruction efforts entail massive investment in all economic sectors, with government targeted over than US\$ 200 billion in foreign investment over the next decade.

Iraq presents a window of opportunity for companies willing to invest in one of the world's most significant emerging markets witnessing rising recovery, reconstruction and development needs across all sectors of its economy from basic infrastructure to housing, hotels, schools, and public building rehabilitation, requiring not only large amounts of materials but also equipment and expertise.

Iraq is considered an attractive logistical hubs for international companies willing to work in any of its region from the south to the north .



Oil and Gas Sector

Iraq has the fifth largest proved crude oil reserves in the world, and it is the second largest crude oil producer in OPEC.

Iraq has the seventh largest proved gas reserves in the world, there is a major need to develop the gas fields to provide the domestic market with its needs. Basrah Gas Company was established and operated by Shell for developing the Gas fields located in the south of Iraq.

Iraq currently produces on average 4.4 million barrels of oil per day (bpd) and the government is aiming to increase production to at least 14 million bpd in the next five years.

The key feature of Iraq is the need to move ahead with numerous large oil and gas (refineries, pipelines, plants, etc) projects over a short period of time, According to regional projects tracker, Iraq is the region's second largest EPC Market.

Potential projects are expected in the south region (Basrah) for the development of five mega fields (Majnoon, West Qurna, Al Rumaila and Al Zubair Fields).

Governmental Oil and Gas companies in Iraq (Potential Clients)

- ✓ **North Oil Company (NOC)**
- ✓ **South Oil Company (SOC)**
- ✓ **Missan Oil Company**

Facts and Potential Future



International Oil and Gas Operators in Iraq (Potential Clients / Partners) currently registered in the ministry of oil in Baghdad

- ✓ **Bashneft**
- ✓ **BP**
- ✓ **China National Offshore Oil Corporation (CNOOC)**
- ✓ **China National Petroleum Corporation (CNPC)**
- ✓ **Dragon Oil**
- ✓ **Egyptian General Petroleum Corporation (EGPC)**
- ✓ **Eni**
- ✓ **ExxonMobil**
- ✓ **Gazprom**
- ✓ **Inpex**
- ✓ **Japan Petroleum Exploration Company (Japex)**
- ✓ **Kogas (Korea Gas Corporation)**
- ✓ **Kuwait Energy (KEC)**
- ✓ **Lukoil**
- ✓ **Occidental Petroleum**
- ✓ **Pakistan Petroleum**
- ✓ **Petronas**
- ✓ **Premier Oil**
- ✓ **Shell**
- ✓ **Total**
- ✓ **Turkish Petroleum Corporation**



Power Sector

Power generation is a top priority in Iraq, The output of electricity sector averages more than 12,000 MW, while the demand is typically more than 20,000 MW, with a shortage of 8,000 MW and the demand is likely to reach anywhere between 50,000 – 60,000 MW by 2030

In terms of projected spending over the next five years, Iraq is the only country in the region whose power sector can compete with that of Saudi Arabia with more than 40 Billion USD planned budget.

The fact that a large number of power plant projects should be awarded within a short time.



Infrastructure

The Ministry of Planning and Development has scheduled USD 250 – 275 billion for spending on infrastructure projects and other investments over the next 5 years.

The allocated budget should cover the healthcare sector by introducing more 100,000 new hospital beds, enrich the telecommunication sector, meet the required potable water of 80 billion cubic meter, improve the sewage network, education sector, housing and transportation sectors.

Iraq suffers from a nationwide deficit of nearly 4 million housing units, requiring the construction of 650,000 units per year in order to accommodate an expected population of 38 million by 2018, According to the Ministry of Construction and Housing, Iraq plans to spend USD 10 billion on roads, bridges and housing by the end of 2018. in 2016

USD 9 billion are the value of the ongoing projects on housing and transportation projects, including airports, railways, roads and ports. The ministry has awarded more than 28 projects in housing, tourism, industry, health, trade and farming so far in 2016



Conclusion

Iraq represents a great opportunity for international companies, the growing population and economy will ensure a healthy economy in coming few years and the security situation will continually improve.

The gradual increase in oil production will mean the government has more money to spend each year

There is a tremendous number of social infrastructure, utilities, and housing projects in the coming few years



COMPANY INTRODUCTION

COMPANY INTRODUCTION



- Consolidated Contractors Company (CCC) was originally formed in 1952 in Lebanon
- CCC currently employs approximately 139,000 people in its worldwide operations
- CCC is an ISO 14001 and OHSAS 18001 certified company with the highest level of commitment to HSE
- CCC is an ISO 9001:2008 certified company with the highest level of commitment to Quality
- CCC is predominately a construction company, providing project management, engineering, procurement and construction services to the industry
- Currently ranked 22nd World Wide on [ENR Top International Contractors](#) (2015) and 1st in the Middle East.

BUSINESS SERVICES



Services Provided

- QA/QC & HSE
- Construction Management
- Detailed Engineering
- Procurement & Expediting
- Field Fabrication, Construction & Installation
- Facilities Management
- Operations & Maintenance
- Geographic Information Systems

Forms of Contract

- Turnkey EPC Packages
- Reimbursable Contracts Convertible to Lump Sum Turnkey Contracts (CLSTK)
- Build / Own / Operate / Transfer (BOO / BOT / BOOT)
- Design / Build with Guaranteed Maximum Price
- Re-measurable

Industries

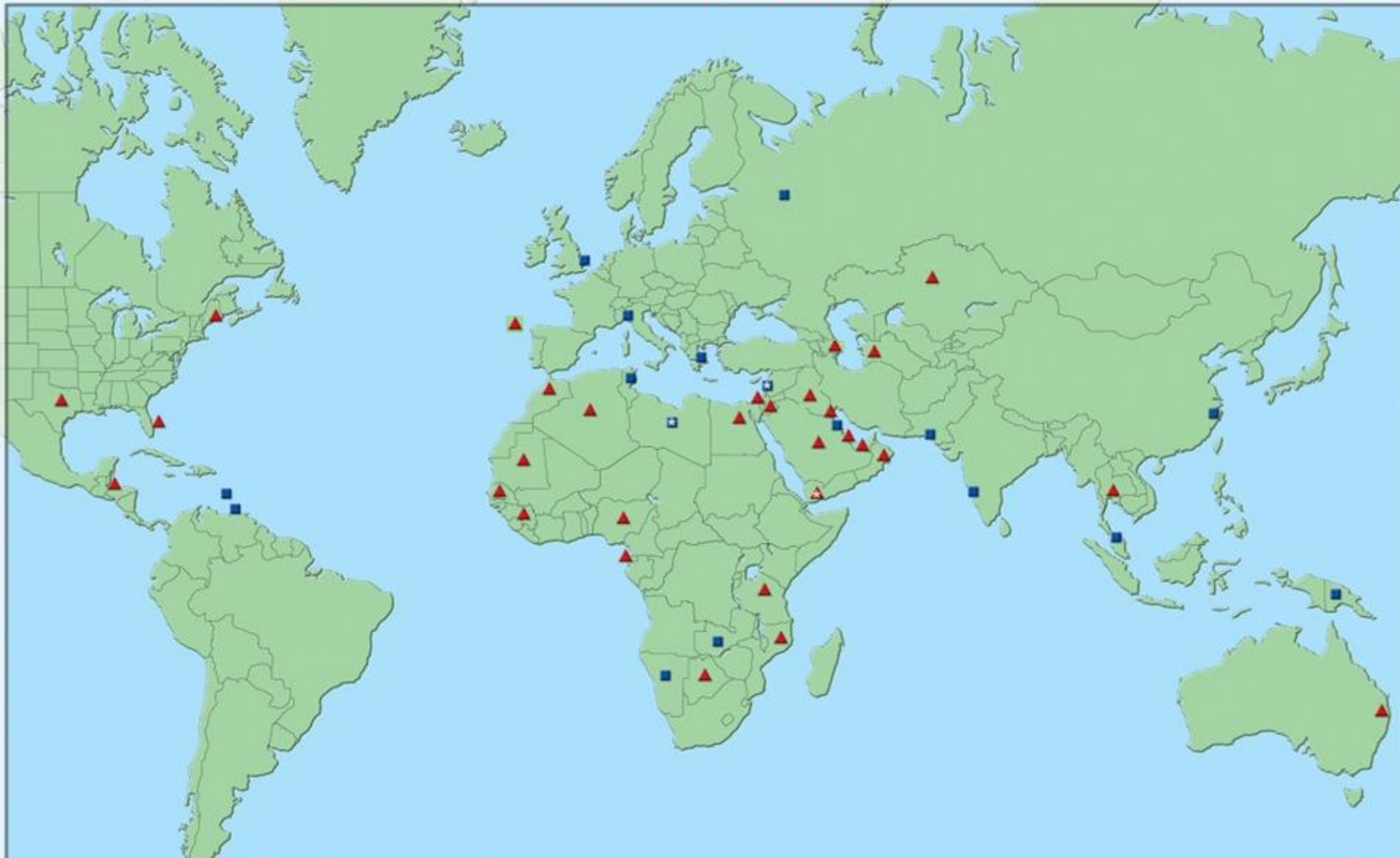
- Oil and Gas
- Refineries and Petrochemical
- Power and Desalination
- Mines and Smelters
- Pipelines
- Water and Sewage Treatment
- Airports and Seaports
- Heavy Civil, Dams, Reservoirs and Distribution Systems
- Road Networks
- Skyscrapers
- Offshore Construction
- Environmental Projects



Consolidated Contractors Company

CCC AROUND THE WORLD

June 2015



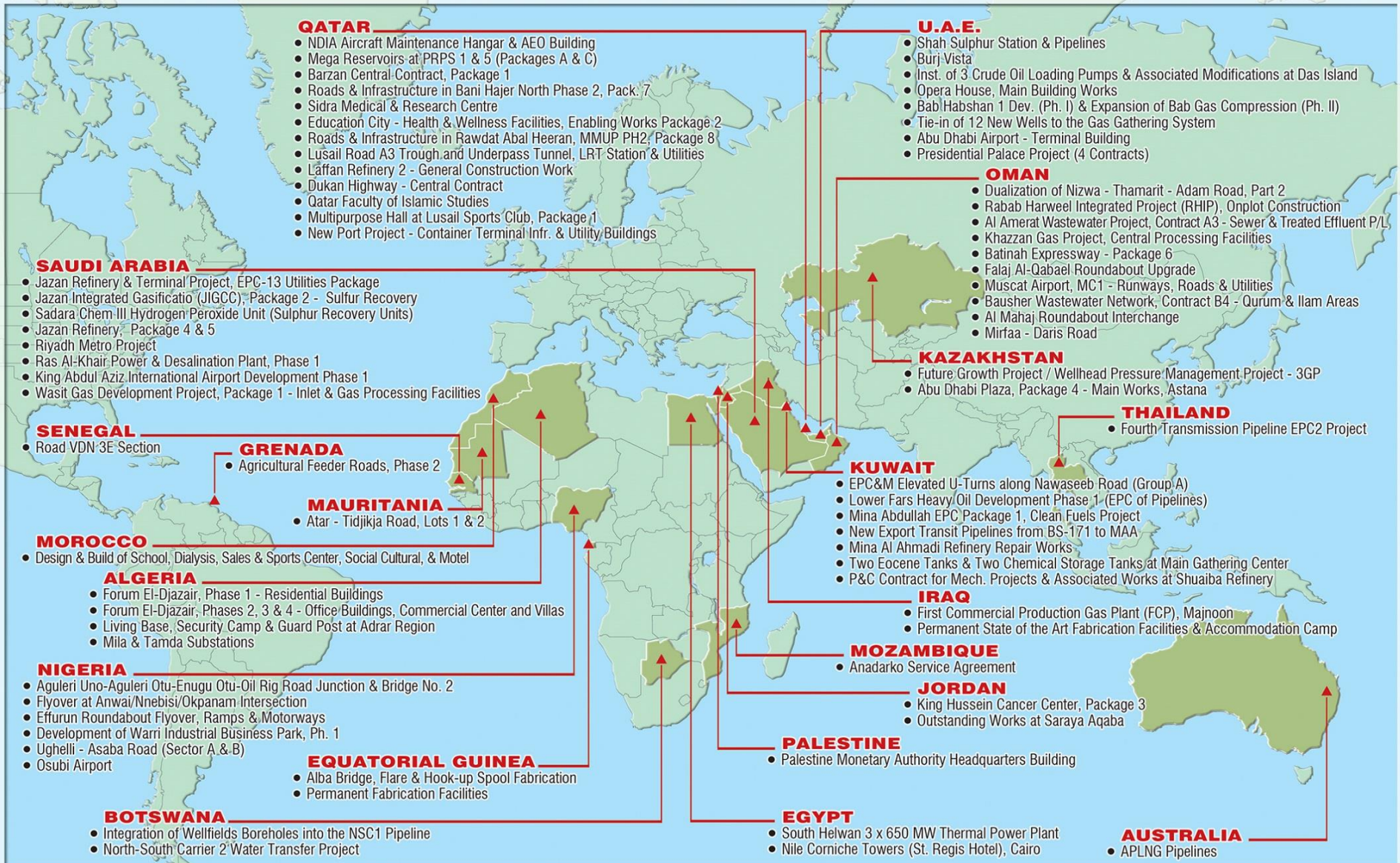
■ Offices ▲ Offices & Projects * Works in the country have been placed on hold



Consolidated Contractors Company

MAJOR ONGOING PROJECTS

2Q 2015





LANDMARK PROJECTS

Project Highlights



Riyadh Metro Project, Package 1 – Lines 1 & 2

Location: Riyadh, Saudi Arabia

Client: Arriyadh Development Authority (ADA)

Main Contractor: Bechtel / Almagbani / CCC / Siemens Consortium

Contract Value : US\$ 10 Billion

Completion Date : October 2018

Contract Duration: 60 Months



Project Highlights



Abu Dhabi International Airport - Midfield Terminal Building

Location: Abu Dhabi, UAE

Client: Abu Dhabi Airports Co. (ADAC)

Main Contractor: CCC / TAV / Arabtec JV

Contract Value: US\$ 3,000 Million

Completion Date: December 2016

Contract Duration: 52 Months



Project Highlights



Abu Dhabi Astana Plaza

Location: Astana, Kazakhstan

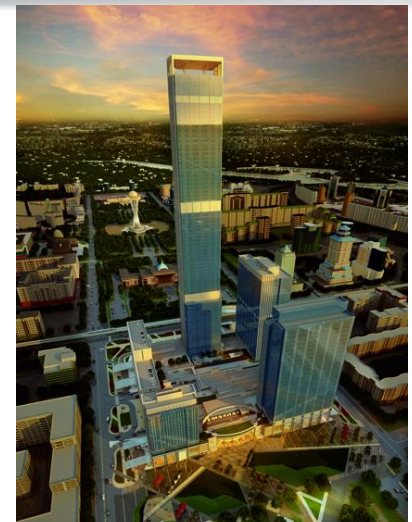
Client: Al Dar Properties P.J.S.C

Main Contractor: CCC / Arabtec JV

Contract Value: US\$ 1,100 Million

Completion Date: Dec 2017

Contract Duration: 54 Months



Project Highlights



Sahil, Asab & Shah (SAS) Full Fields Development (EPC)

Location: Abu Dhabi, UAE

Client: Abu Dhabi Company for Onshore Oil Operations (ADCO)

Main Contractor: CCC / Tecnicas Reunidas Consortium

Contract Value: US\$ 1,182 Million

Completion Date: January 2014

Contract Duration: 60 Months

Project Highlights



New Port at Al Duqm - Maritime Works

Location: Duqm, Oman

Client: Ministry of Transport & Communications

Main Contractor: CCC / STFA (Turkey) Joint Venture

Contract Value: US\$ 1,884 Million

Completion Date: January 2013

Contract Duration: 69 Months



Project Highlights



Pearl GTL Project

Location: Ras Laffan, Qatar

Client: Qatar Shell GTL Ltd. (QSGTL)

Main Contractor: JGC / Kellogg Brown & Root Joint Venture

Contract Value: US\$ 1,368 Million

Completion Date: December 2011

Contract Duration: 57Months



Project Highlights



Khursaniyah Gas Plant

Location: Khursaniyah, Saudi Arabia

Client: Saudi Aramco

Main Contractor: Bechtel / Technip Joint Venture

Contract Value: US\$ 1,118 Million

Completion Date: August 2010

Contract Duration: 60 Months

66 Million
Manhours
without LTI

Project Highlights



Baku -Tbilisi - Ceyhan Oil Pipeline & South Caucasus Gas Export Pipeline (EPC)

Location: Azerbaijan

Client: Baku-Tbilisi-Ceyhan Pipeline Co. & South Caucasus Pipeline Co.

Main Contractor: CCC

Contract Value: US\$ 380 Million

Completion Date: March 2006

Contract Duration: 36 Months



Project Highlights



Karachaganak Main Works

Location: Kazakhstan

Client: Karachaganak Petroleum Operating BV

Main Contractor: CCC / Saipem Consortium

Contract Value: US\$ 1,100 Million

Completion Date: December 2003

Contract Duration: 30 Months



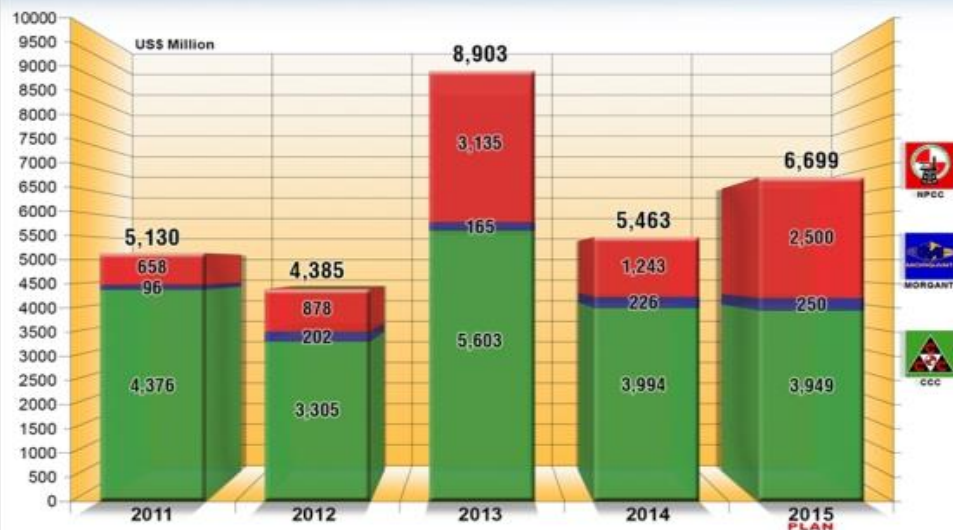


COMPANY FINANCIAL DATA

CCC Sales & Revenue



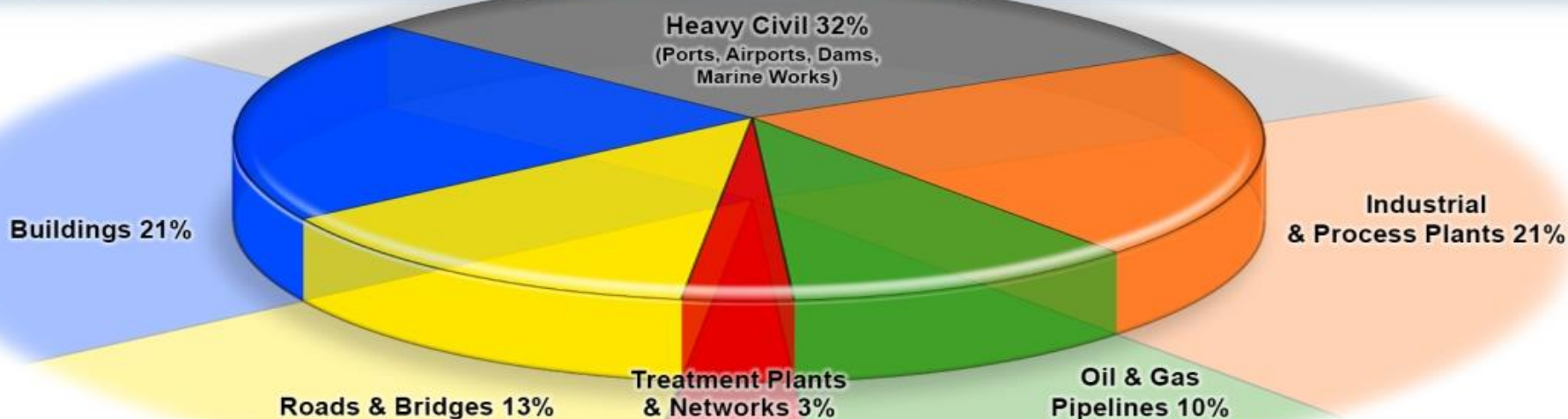
Total CCC Sales



Total Revenue Managed by CCC



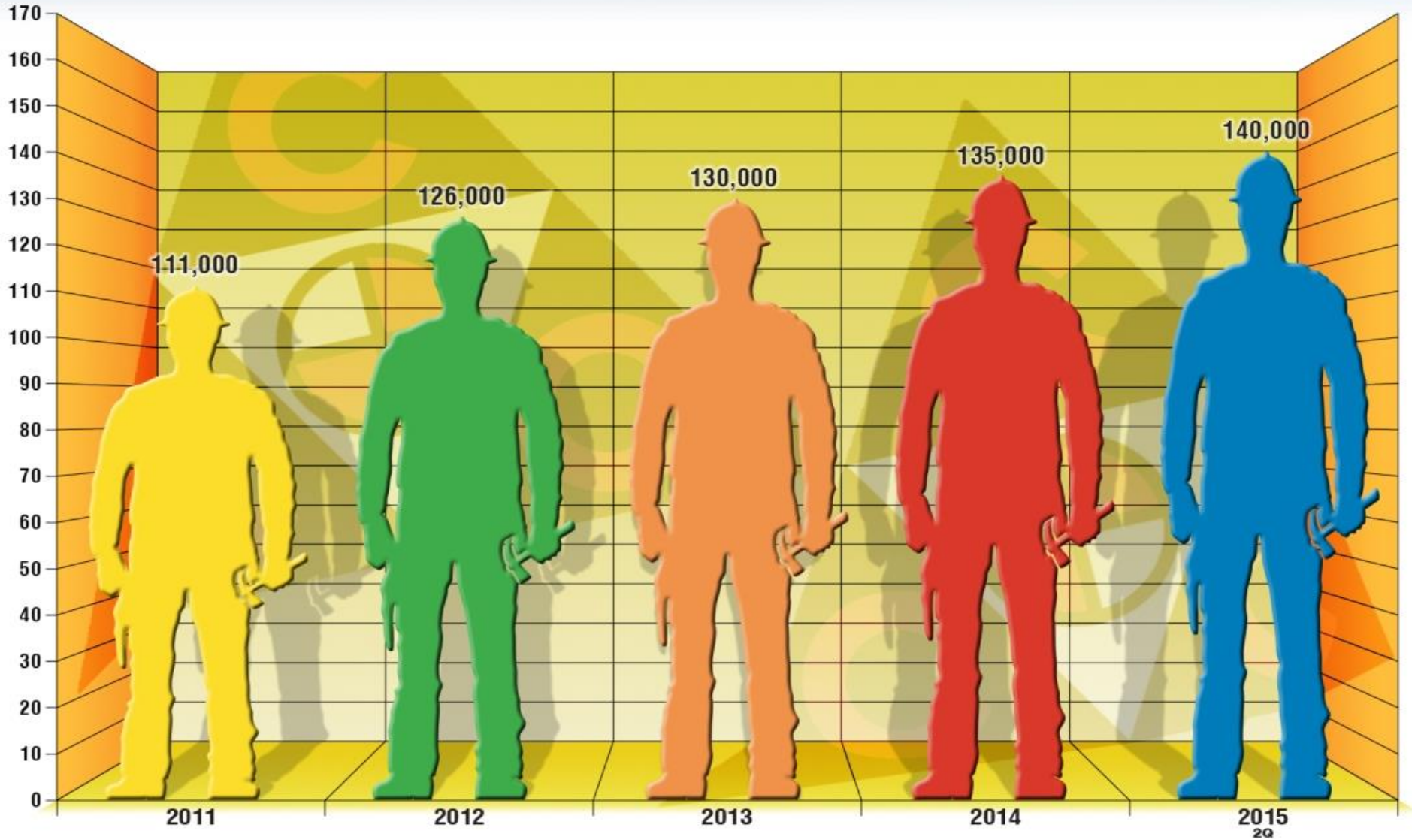
Actual Sales Last Five Years (By Segments)





MANPOWER RESOURCES

CCC Group Manpower





PLANT AND EQUIPMENT



**ELECTRIC GENERATORS
& LIGHTING TOWERS**

685

**EARTHMOVING
EQUIPMENT**

988

**PIPELAYING
EQUIPMENT**

215

**CIVIL ENGINEERING
& CONSTRUCTION EQUIPMENT**

1,342

**AIR
COMPRESSORS**

385

**WORK/SURVEY BOATS
& STANDARD FACILITIES**

169

**HEAVY DUTY
VEHICLES**

1,964

CRANES
804

**VEHICLES
& LIGHT TRUCKS**

2,767

WELDING MACHINES

6,626

**TOTAL NO. OF EQUIPMENT:
TOTAL VALUE OF EQUIPMENT:**

**15,945
US\$ 1,126 MILLION**



CCC IN IRAQ



- CCC's operations in Iraq began in the 1960s. Currently CCC has presence and operations in Baghdad, Erbil and Basra. CCC management is fully committed to the people of the Republic of Iraq and the development and reconstruction of their country.
- Drawing on its long and successful experience, CCC can provide a full range of projects services, from project development, through detailed engineering, procurement and construction, to start-Up, operation and maintenance in the fields of:
 - Buildings and civil engineering works
 - Oil, gas and water pipelines
 - Oil, gas, and petrochemical plants and refineries
 - Marine works and offshore installations
 - Maintenance of mechanical installations and underwater structures
 - Airports and infrastructure projects
 - Environmental projects

CCC REGISTRATION IN IRAQ



- Consolidated Contractors Company S.A.L. is registered a Branch since 1965, License No. 435 dated 12/06/1965
- Change of company name from Consolidated Contractors Company S.A.L. to Consolidated Contractors International Company S.A.L, Advertisement No.1134 Dated 16/10/1999
- Consolidated Contractors Group S.A.L (Offshore) (CCC) is registered a Branch since 2014, License No. 2875 dated 19/11/2014
- CCC is registered with Ministry of Trade in Kurdistan Region of Iraq under two entities:
 - Consolidated Contractors International Company S.A.L. as a Branch since 2006, License No. 2465 dated 28/03/2006
 - Consolidated Contractors Group S.A.L. (Offshore) (CCC) as a Branch office since 2009, License No. 6234 dated 02/07/2009

A large, semi-transparent globe of the Earth is positioned on the left side of the slide, showing the continents of Asia and Australia.

CCC BASRA OPERATIONS



- In Basra, CCC has established a Fabrication Yard, with 50,000 tons per year fabrication capacity and accommodation for 2,000 occupants. CCC is very much aware of the need to develop and train Iraqi nationals. For this reason, CCC also established a training centre in Basra to develop the skills of Iraqi nationals and help improve their employment prospects in the oil and gas industries.
- Our philosophy of long term sustainability in countries of operation is transmitted through the establishment of permanent offices and in-country area management who work together with local companies, government officials and clients.
- **Projects in Basra**
 - Contract for training Iraqi nationals-BP
 - Contract WG-CCC Operations and Maintenance-Shell
 - First Commercial Production Plant, Slug Catcher-Shell

CCC BASRA OPERATIONS



Investment

Started in 2010 with an initial investment of over \$35 million

Facilities

Established a self-supporting Steel and Piping Fabrication and Trade Training Center in the Rumaila area of Basra

Experience

Utilizing its vast Arabian-Gulf experience and providing our clients with the latest state-of-the-art techniques

Products

Manufacture steel structures, piping spools, pressure vessels, special steel components to international standards

Support

Technical and Construction support from Managing Office in Athens (MOA); Engineering & Procurement Office, Rigging Department and Main Plant & Equipment (PMV) Yard in Mussafah, Abu Dhabi, UAE

CCC BASRA OPERATIONS AREA



FABRICATION SHOPS – NORTH RUMAILA, BASRAH



- **CCC** has established 7 no. fully equipped Fabrication Shops, with bridge cranes, skilled Iraqi work-force to engineer, stock steel materials, industrial coating, and testing protocols for many mechanical and piping components necessary for the Oil & Gas field developments needs.
- The Fabrication Shop facilities are supervised by experienced CCC senior staff, to ISO 9001 and OHSAS 18001 international standards.
- Modules of (steel structure pipe racks, platforms , piping and E&I works) can be fabricated in CCC Rumaila Fabrication Shops



	Facilities	Size	Equipment	Capacity
Carbon steel piping spools	2 Fab Shops	21m x 120m	2 gantry cranes (5 ton)	4,300 ton/Year
Stainless steel piping spools	1 Fab Shop	21m x 120m	2 gantry cranes (5 ton)	2,760 ton/year
Fabricated steel structure	2 Fab Shops	17m x 96m each	2 gantry cranes (8 & 5 ton)	2,760 ton/year
Pipe support fabrication	1 Fab Shop	17m x 54m	---	1,920 ton/year
Trade Training Center	1 Class Room	17m x 54m	---	500 students/year

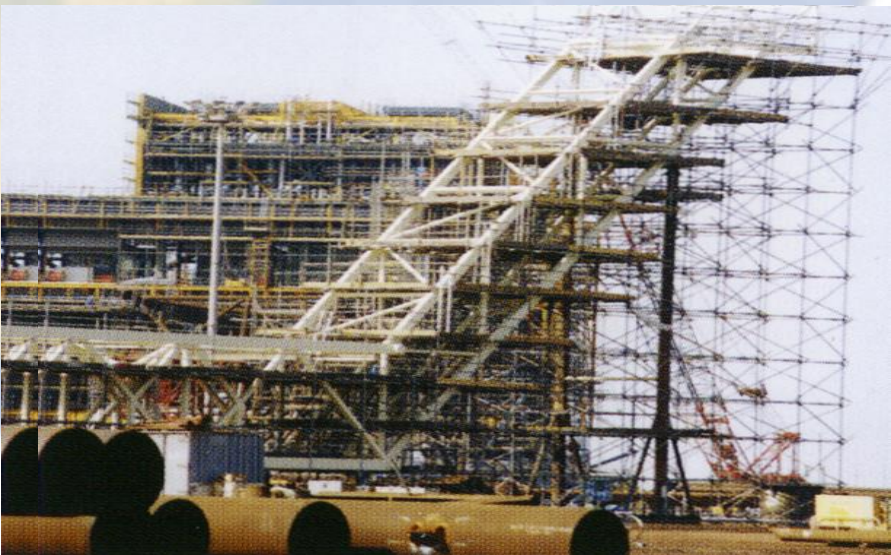
Additional Facilities: PWHT furnace , planned sand blasting, painting for pipes and large storage areas (covered and opened) for fabricated products



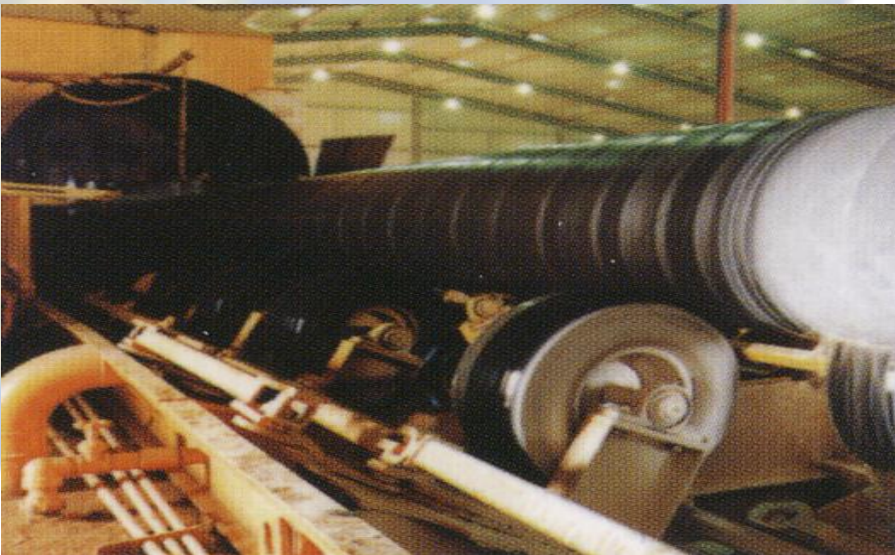
FABRICATION SHOPS – NORTH RUMAILA, BASRAH



FABRICATION SHOPS - Modules Fabrication



FABRICATION SHOPS - Modules Fabrication



Installation and Assembly of the Modules



A fully qualified and high performance permanently employed, long-time core project team , with extensive proven expertise and experience are available at CCC Iraq will be handling the installation and the assembly of the modules.

This Project Team is led by an experienced Project Manager, who will coordinate and manage the overall execution to meet the project's HSE, Quality, Schedule, and Cost objectives

Each and every item of equipment required to complete the work including those needed for heavy lifts and transport between various site locations will be provided by CCC Iraq. Major construction equipment will be resourced from CCC's own current extensive fleet.



A construction support team comprised of key construction staff will be mobilized to work at the engineering offices, procurement offices, and fabrication yard during the pre-assembly and installation phase to facilitate the installation and assembly of the modules on site.

LIST OF EQUIPMENT IN IRAQ



Description	Quantity
Overhead Cranes	8
Mobile Crane (Crawler, 120 Ton)	2
Mobile Crane (30 Ton)	1
Forklift (3 Ton) JCB	4
Tower Cranes	5
Telescopic Man Lift	5
Truck with Mounted Crane (10 Ton)	2
Truck with Mounted Crane (8 Ton)	2
Flattered Trailer 40'	1
Skipper Truck (18 m ³)	1
Diesel Welding Sets (Miller)	19
Electric Welding Set	54
SAW Machines on Column & Boom	12
Vernon Machines	2
Rock Breaker	2
Generator Set	12
Air Compressor	4
Fuel Tanker	2
Water Tanker	2
Maintenance Truck	2
Concrete Mixer	1
Dozer	4
Tipper Truck	8
Excavator	4
Grader	1
Skid Steel Loader	1
Backhoe Loader	1
Steel Drum Roller	1
Wheel Loader	1
Armored Vehicles 4WD	3
Armored Busses	2
TOTAL	169



TRADE TRAINING CENTER

- CCC has established a trade training center to train Iraqi manpower in various trades such as: Fabrication, welding, fitting, rigging and scaffolding, the center is capable to graduate 450-500 students/year. To date 2000 Students have been graduated and employed by foreign oil companies based on their certificate from CCC.
- The company is dedicating all efforts to serve Iraqi society, to use Iraqi employees throughout training and to rehabilitate a large group of unemployed young Iraqis. This was achieved by using a maximum of 15% Expats who have the ability to train and devote their time to serve the staff with continuous training program to reach the desired result.
- Contract with ROO to train 70 welders and 40 scaffolders annually.

FABRICATION SHOPS – NORTH RUMAILA, BASRAH



TRADE TRAINING CENTER



CCC CAMP – NORTH RUMAILA, BASRAH



- The camp facility is designed to accommodate 3000 personnel (800 senior, 2200 labor)
- Administrative offices and full communications networks and support systems linked to CCC offices worldwide
- Life support area: Kitchens, serving/messing halls, canteen, bakery, cold/dry stores, first aid facilities, ambulance, gymnasium, recreation facilities, open playground, administration offices, guard houses, fencing (T-walls & BRC Parameters), guard towers with entrance control point.





HSE & S

Comparison of CCC & OGP HSE Statistics



Civil, Oil & Gas and Pipeline Projects

Annual Safety Statistics for CCC Projects

Year	Total LTIs	Total Recordable Cases	Occupational Fatalities	Total Direct Man-hours Worked	Total Man-Days Lost due to LTIs
2011	28	287	9	338,609,989	925
2012	22	417	8	354,651,782	535
2013	23	270	4	355,375,379	351
2014	16	199	1	372,314,094	234
2015	35	206	4	393,773,720	1,305

Incident Rates CCC VS OGP

Year	Frequency Rate		Severity Rate		Total Recordable Incident Rate	
	CCC	OGP*	CCC	OGP*	CCC	OGP*
2011	0.02	0.09	0.55	8.52	0.17	0.38
2012	0.01	0.10	0.30	8.26	0.24	0.38
2013	0.01	0.09	0.20	8.58	0.15	0.35
2014	0.01	0.08	0.13	8.06	0.11	0.34
2015	0.02	N/A**	0.66	N/A**	0.10	N/A**
TRIR Total recordable Rate for the Past Five Years						
CCC		0.15		OGP Contractors*		0.36

* OGP = International Oil and Gas Producers Association

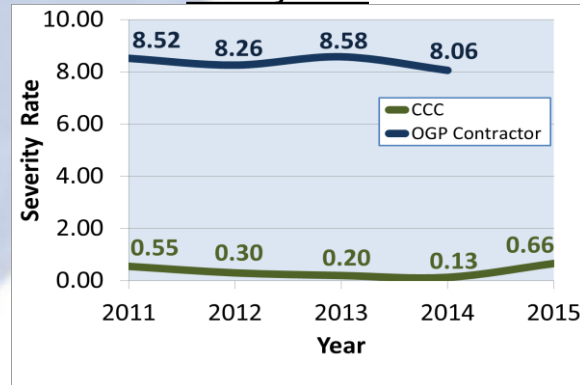
** 2015 Safety Indicator Data for OGP not yet issued

Comparison between CCC & OGP

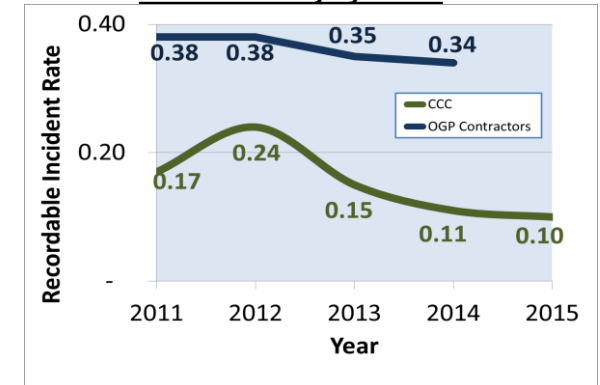
Frequency Rates



Severity Rates



Recordable Injury Rates



Formula used:

LTI Frequency Rate (LTI FR):

$\frac{\text{No. of Lost Time Injury} \times 200,000}{\text{Total Man-hours worked}}$

Severity Rate:

$\frac{\text{Total Lost Man Days} \times 200,000}{\text{Total Man-hours worked}}$

Total Recordable Injury Rate (TRIR):

$\frac{\text{Total No. of Recordable Cases} \times 200,000}{\text{Total Man-hours worked}}$

SECURITY ARRANGEMENTS



The provision of Security for both CCC Fabrication Yard, Training School, Camp and its employees is provided by a Ministry of Interior registered and licensed Private Security Company, these services fall into 2 categories:

Static Security

The physical man guarding aspect for the camp provides armed security 24/7

Mobile Security

All EXPAT employees will travel with a ROO compliant armed escort in B6 armored vehicles

THE FACILITY IS SECURED BY THE INSTALLATION OF A FULLY UPGRADED OPERATIONS AS PER INTERNATIONAL STANDARDS



Access control

Electronic Alarm & PA System

Operations

CCTV - Static Perimeter Cameras & Pan Tilt Zoom Internal Cameras

Baggage X-Ray Search Equipment





QA & QC

Quality Management & Certificates



Overriding commitment to providing quality products

- ISO 9001: 2008
- ASME Stamp “A”
- ASME Stamp “U”
- ASME Stamp “U2”
- NB Stamp “R”



CCC's aim is to remain a market leader by pursuing a program of continuous quality improvement





**CONSOLIDATED CONTRACTORS GROUP S.A.L.
(HOLDING COMPANY)**
62B Kifissias Ave., "Polis" Center, 15110 Amaroussion
GREECE

Bureau Veritas Certification Holding SAS – UK Branch certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

Standards

ISO 9001:2008
Scope of certification

PROJECT MANAGEMENT, ENGINEERING, PROCUREMENT, CONSTRUCTION, INSTALLATION AND COMMISSIONING OF PLANTS FOR THE OIL AND GAS RELATED INDUSTRY, CIVIL STRUCTURES, INFRASTRUCTURE WORKS & MARINE WORKS, HEAVY LIFTING OPERATIONS.

Certification cycle start date: **16 March 2015**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: **16 March 2018**

Original certification date: **29 November 1993**

Certificate No. **GR15.1894Q** Version 1, Revision date: 11 March 2015



Signed on behalf of BVCH SAS UK Branch
N. TRILIZAS



008

Certification body address:
66 Prescott Street, London, E1 8HG, United Kingdom
Local office:
Bureau Veritas Hellas S.A., 23 Etoilou str., 18545 Piraeus, Greece

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call: +30 210 4063000

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SOCIAL CONTRIBUTION

SOCIAL CONTRIBUTION



- CCC is, and always has been, keen to contribute to the community. Besides its main objective to deliver world class projects, CCC is mindful of its responsibilities towards the social aspects in Iraq.
- CCC provides funds and material to be spent for infrastructure and welfare on different social projects in areas such as manpower training establishments, Material aid to orphanage and homes for the elderly people and Material help for disadvantaged families.





SLUG CATCHER PROJECT

SLUG CATCHER PROJECT



- **Client:** Shell Iraq Petroleum Development
- **Contract Name :** EPC FCB Sweet Gas Slug Catcher Project
- **Location:** North Rumaila, Basrah, Iraq
- **Start Date:** 2nd June 2015 , **Completion Date:** 31st January 2016
- **Project Scope:** includes Engineering, Procurement, Construction and Commissioning of a Slug Catcher and associated facilities to be installed at the end of the export pipeline in North Rumaila (NR), to separate the gas from the condensed liquids inclusive of Fully Design, Permeant Material Procurement, Civil works, Buildings. Piping fabrication & Erection, Steel Structure erection, Equipment installation, Electrical & Instrumentation works, Painting of Piping, NDT, PWHT and Hydro-testing.



Slug Catcher Project - Local Manpower

CCC has achieved the successful completion of this unique fast track project by utilizing more than 70% local of the total manpower of the project .

Training of local manpower was one of the successful targets of CCC, the 30% expats of the manpower were utilized to train and develop the local manpower in different construction discipline to serve the Iraqi society with a large group of Iraqis who are ready to serve their country in the construction projects domain.

CCC is aiming to maximize the local content up to 85% of total manpower in the next potential projects in Iraq.

SLUG CATCHER PROJECT



SLUG CATCHER PROJECT



THANK YOU



The development and reconstruction of Iraq is our main goal.

Thank you