

**DEVCO: The international Company for Industrial Development**



**D E V C O**

**Engineering and Management Company**

**Egypt, Slovakia, Uganda**

**Project management  
Quality assurance & control**

**Materials and Products  
Supply**

**Documents Control**

**Site supervision  
Equipment testing**

The International Company for Industrial Development - **DEVCO** was established in **1980** as a successor to the "Middle East Experts" Company (founded in 1960).

The establishment of **DEVCO** came to satisfy the needs of the MENA (Middle East and North African) market for **Engineering and Management**.

Along the years, **DEVCO** followed the same footsteps of its predecessor through the absolute commitment to customer service. **DEVCO** strived to differentiate itself by persistently broadening its technical capabilities and continuously adding to the experience of its personnel.

On this route, **DEVCO** has become approved by the majority of classification societies and insurance companies. We enjoy the recognition and approval of a diversity of Organizations and Authorities all over the world

Today, **DEVCO** is a leading provider of a wide range of **Engineering and Management** that serve a variety of industries and fields throughout the Arab Republic of Egypt and other locations in the Middle East and North Africa.

**DEVCO** has two Sister companies working outside Egypt, One in **Uganda** and the other one is in **Slovakia**

## **Mission Statement**

To expand our position in all market segments and regions, **DEVCO** continues to offer our customers an even more comprehensive range of services. Our strong relationship and commitment to our customers are our foundation. **DEVCO** provides continuous improvement by adopting the philosophy of Total Quality.

**Dr. Eng. M.H. AbulNour**



# Devco

**The International Company for Industrial Development Ltd**

## ديفكو

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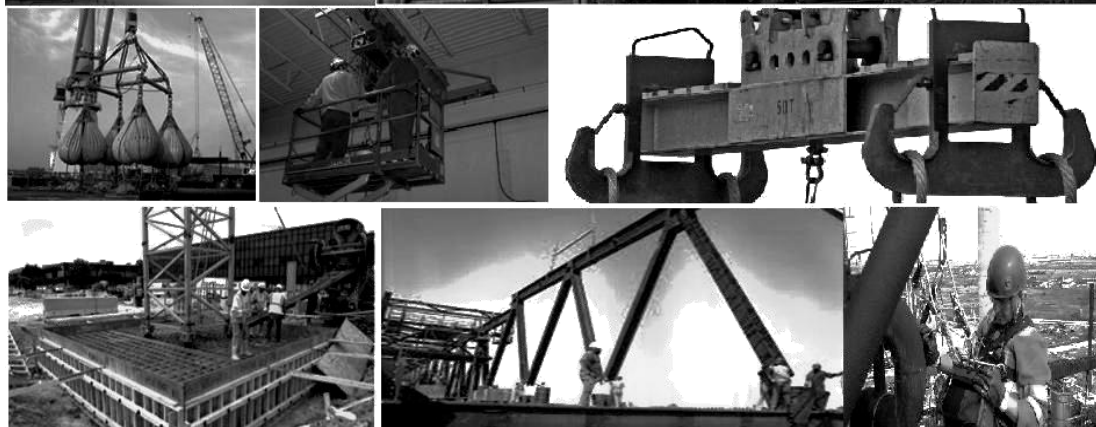
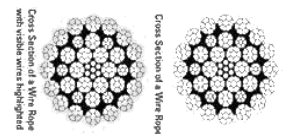
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# Devco's Services & Activities



DEVCO is an established provider of **Engineering and Management Services** for a variety of industries. Our services range includes the following:

## 1. Project Engineering and Management:

DEVCO has been engaged in the field of **Project Engineering and Management** in **Egypt, Libya, Sudan and Yemen** giving the needed support for some of the main industries and field such as:

- ❖ **Chemical and Petrochemical:**
  - Recycling of Used Oil,
  - Production of Mineral Greases,
  - Production of animal Glue,
  - Production of Silicate,
  - Oil Refinery,
  - Light Kerosene Distillation.
- ❖ **Building Materials and, Construction:**
  - Construction Projects,
  - Cement Production,
  - Glass Recycling.
- ❖ **Agriculture Production,**
- ❖ **Medical and hospitals supplies,**
- ❖ **Ship building and Inland water Transportation.**

## 2. Projects Quality Assurance and Quality Control:

**Performing of a wide range of site inspection and certification activities:**

- ❖ **Document Review,**
- ❖ **Inspection at vendors' workshops:** product batches and production lines,
- ❖ **Development of Project time schedules,**
- ❖ **Resources Allocation,**
- ❖ **Cost analysis and control.**
- ❖ **Non Destructive Tests (NDT):**Preparation of all NDT procedures, performing of: Radiographic Inspection (RT), Ultrasonic Inspection (UT), Magnetic Particles Inspection (MT), Liquid Penetrant Inspection (PT), Visual Inspection (VT), Thickness Measurements, Hardness Test, Painting inspection, Hydrostatic Test, Vacuum Box Tests, Dimension Check.....
- ❖ **Preparation of welding WPS & PQR and Welders Tests,**
- ❖ **Material Inspection & Material Tests,**

- ❖ **Stationary structures inspection and certification:** Steel Structures, Tanks, Pressure Vessels.....
- ❖ **Rotating engines inspection:** Pumps, Pile Drillings, Compressors,...
- ❖ **Pipe lines and piping.**

### 3. Existing Condition Assessment:

- ❖ **Equipment: stationary and rotary,**
- ❖ **Damage assessment,**
- ❖ **Structural integrity assessment,**
- ❖ **Tanks and pressure vessels assessment.**

### 4. Equipment Inspection, Testing & Certification:

- ❖ **Thorough examination, inspection and certification of:**
  - Lifting equipment, lifting appliances and earth moving equipment,
  - Transportation Fleet: Heavy Duty Trucks, Light Vehicles, Mini Buses,...
  - Rotating Equipment: Pumps, Pile Drillings, Compressors,...
  - Tug boat, life boats and derrick cranes.
  - Construction equipment and gear: concrete mixers & safety harnesses.

### 5. Site Supervision: Civil & Construction works

In the field of civil & construction works, DEVCO has more than 30 years of experience in insuring:

- ❖ **On-time delivery of works,**
- ❖ **The execution of works according to specifications and quality norms,**
- ❖ **Coordination between project teams in site,**
- ❖ **Health and safety of personnel.**

### 6. Training, Qualification and Certification of Personnel:

- ❖ **Transportation fleets drivers,**
- ❖ **Lifting equipment operators,**
- ❖ **NDT operators,**
- ❖ **Construction craftsmen and workers: qualification and certification for different construction trades.**

## 7. Environmental Engineering:

- ❖ **Measurement of:** Sound level, Humidity, Temperature, Light Intensity.....

## 8. Supply of Engineering Items:

- ❖ **Hydraulic Press (1500 Ton),**
- ❖ **Galvanized and bright wires,**
- ❖ **Cranes and cranes' spare parts,**
- ❖ **Hydraulic items,**
- ❖ **Welding machines,**
- ❖ **Sewing machines,**
- ❖ **Control and measuring equipment (load cells, gouges, thermometers...),**
- ❖ **Non-Destructive tests equipment and consumables,**
- ❖ **Synthetic Fabrics.**

# National and International Organizations Approval

International Company for Industrial Development “DEVCO” enjoys the memberships and approvals of several national and international organization, associations and societies such as:

1. Certified for ISO 9001 – 2008 Quality management system by **First Quality Certification FQC**, Turkey.
2. A development member at the **Lifting Equipment Engineering Association (LEEAA)**, England.
3. Approved by the **Egyptian General Petroleum Corporation**, Egypt (committee No. 73 dated 30<sup>th</sup> of April 2015).
4. Approved by the **Atomic Energy Authority**, Egypt.
5. Approved by the **Bureau Veritas**, France, as a qualifying firm engaged in thickness measurements of Hull Structure.
6. Member at the **Egyptian Society for Industrial Inspection EGSII**, Egypt.
7. Personal membership for Dr. Eng. M. HanyAbulNour , DEVCO's general manager at:
  - The **American Society for Mechanical Engineers ASME**.
  - The **British Institute of Non-Destructive Testing BINDT**.
  - The **American Society for Nondestructive Testing ASNT**.
8. Dr. Eng. M. HanyAbulNour is **the president of the Egyptian Society for Industrial Inspection EGSII**.



# Past Experience

**(1)**  
**Project Development  
Activities**

## DEVCO had engaged in the consultation of several projects in the Middle East as:

Institute	Project Description
<b>The Arab Republic of Egypt</b>	<ul style="list-style-type: none"> <li>- Recycling of Used Oil,</li> <li>- Production of Mineral Greases,</li> <li>- Production of Animal Glue,</li> <li>- Production of Sodium Silicate,</li> <li>- Cement Production,</li> <li>- Glass Recycling.</li> </ul>
<b>People's Libyan Arab Jamahiriya,</b> Land Reclamation and Reconstruction Committee.	<b>El Sarir Agriculture Production Project:</b> <ul style="list-style-type: none"> <li>- Production of fertilizers,</li> <li>- Agriculture equipment supply,</li> <li>- Dried milk project.</li> </ul>
<b>People's Libyan Arab Jamahiriya,</b> The Housing and Utilities Committee.	<b>Building Materials Supervision Department:</b> <b>Supplying of:</b> <ul style="list-style-type: none"> <li>- Gravel crushing plant,</li> <li>- Plastic pipes,</li> <li>- Cables.</li> </ul>
<b>People's Libyan Arab Jamahiriya.</b>	<b>Sabha Project for Cement Bricks Production</b>
<b>People's Libyan Arab Jamahiriya.</b> Therapeutic Foundation.	<b>Complete medical supplies.</b>
<b>People's Libyan Arab Jamahiriya,</b> The Arab Company for Ship Building	<b>Complete study for the Supply of Fishing Boats Project</b>
<b>The Republic of Sudan</b>	<b>Joseph Shnouda Hospital:</b> <b>All hospital and medical supplies.</b>
<b>The Republic of Sudan</b>	<b>Complete study for the Development of River Transport Project.</b>
<b>The Republic of Yemen</b>	<b>AL – Mukalla:</b> <ul style="list-style-type: none"> <li>- Mineral Grease Production.</li> <li>- Oil Refinery</li> </ul>
<b>The Republic of Yemen</b>	<b>Aden:</b> <ul style="list-style-type: none"> <li>- Light Kerosene Distillation Plant</li> </ul>

**(2)**  
**Projects Quality Assurance,  
Quality Controls & Inspection  
Activities**

As a THIRD PART INSPECTOR, DEVCO is performing a wide range of quality assurance, quality control and inspection services for a wide range of companies and organizations with different scoops. Starting from the early 80s till now DEVCO has been a main part of some of the major projects in the area such as:

## Petroleum & Petrochemical Industries

### Onshore & Offshore Production Companies:

Company	Projects	From	To
<b>Alexandria Petroleum Company (APC)</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Lubrication oil project: <ul style="list-style-type: none"> <li>- Refrigeration onshore / offshore pipelines.</li> <li>- Piping, furnaces, boilers &amp; towers.</li> </ul> </li> <li>• Calibration of 22 Cylindrical tanks.</li> </ul>	1981	1997
<b>Suez Oil Company (SUCO)</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Ras Budran &amp; Zeit Bay Projects: <ul style="list-style-type: none"> <li>- Single buoy mooring,</li> <li>- 2 Subsea pipelines,</li> <li>- 5 offshore fixed platforms complete with decks, jackets &amp; piles.,</li> <li>- Flare tripod offshore platform,</li> <li>- Production 4-Leg offshore platform.</li> <li>- Pressure Vessels External Inspection</li> <li>- Three high tensile steel spherical storage tanks.</li> <li>- Gas project pipelines.</li> </ul> </li> <li>• More than 200 inspections of onshore and offshore cranes.</li> <li>• Periodic inspection of lifting appliances.</li> </ul>	1981	1987
<b>General Petroleum Co. (GPC)</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Ras Budran Tanks.</li> <li>• Ras Gharib Tanks (from 100 to 1000 mt<sup>3</sup>) and marine pipeline (3-18").</li> <li>• Six onshore and offshore platforms (Alexandria &amp; Ras Gharib).</li> <li>• Fabrication of 4 legs offshore platform consists of jacket and 3 decks.</li> <li>• Fabrication of onshore treatment unit pressure vessels.</li> </ul>	1981	Till Now

	<ul style="list-style-type: none"> <li>• North Amer Project: Two four-legs identical fixed offshore platforms (F-F &amp; G-G) during fabrication for 2 jackets, 6 decks piles installation.</li> <li>• Abu Sannan Pipelines &amp; Pressure vessels.</li> <li>• Pipeline at El-Nasr Steel pipeline.</li> <li>• Petrojet Ras Gharib tanks.</li> <li>• Ras Sedr Tank's pipeline network, Oil &amp; Gas pipelines and tanks.</li> <li>• Abu Sanan – Abu El Garadek shipping pipeline.</li> <li>• Periodic inspection of cranes and lifting appliances.</li> </ul>		
<p><b>Western Desert Petroleum Co. (WEPCO)</b></p>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• Abu Qir Phase II project: <ul style="list-style-type: none"> <li>- Offshore production platform P2 Platform, offshore accommodation platform Q and L.P.G Treatment Unit Onshore jackets, decks &amp; piles installation.</li> </ul> </li> <li>• Pipes damage survey.</li> <li>• McDermott Barge DB7 Abu Qir: <ul style="list-style-type: none"> <li>- P2 platform top sea facilities.</li> </ul> </li> <li>• Development of Umbaraka /Meleiha Crude Oil Field in Western Desert: <ul style="list-style-type: none"> <li>- Installation of crude oil storage tanks in the Western Desert with the capacity of 25000 Brls.</li> <li>- 8" crude oil transfer pipeline from Umbarakato Meleiha 62 Km length.</li> <li>- New process equipment installation and tie in with existing facilities at Umbaraka field.</li> </ul> </li> <li>• Computerized Inspection Program: <ul style="list-style-type: none"> <li>- Inspection of Equipment, Piping, Pipelines, Tanks and Pressure Vessels at Maadia L.P.G. treatment unit onshore and offshore production platforms P1 &amp; P2.</li> </ul> </li> <li>• Onshore gas compression tanks, Bany Suif.</li> <li>• Oil Project El Alamein wildings inspection.</li> <li>• El Alamin fuel storage tank&amp; field process piping upgrading.</li> <li>• AQ4 marine platform.</li> <li>• During the fabrication of P1C &amp; P2C platforms.</li> <li>• 48" pipelines for El-Nesr steel pipes.</li> <li>• El Hamra Alamein Field: <ul style="list-style-type: none"> <li>- Process Piping Up –grading</li> </ul> </li> </ul>	1982	2007

	<ul style="list-style-type: none"> <li>• EL-MAADIA <ul style="list-style-type: none"> <li>- Flare Relocation.</li> <li>- Onshore Gas Field</li> <li>- LPG Recovery unit.</li> <li>- LPG Regeneration salt bath heater, Chapmon Co. site.</li> <li>- NAF2 Abu Qir P1.</li> <li>- Onshore Glyclo line (A/Q)</li> <li>- Platform P3.</li> </ul> </li> <li>• South Umbaraka: <ul style="list-style-type: none"> <li>- Calibration of 6 Cylindrical Tanks.</li> </ul> </li> <li>• Heat Treatments.</li> </ul>		
<b>Belayim Petroleum Company (PETROBEL)</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Water distribution platform piles and installation.</li> </ul>	1984	
<b>Gulf of Suez Petroleum Company (GUPCO)</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Gas production: <ul style="list-style-type: none"> <li>- Complete inspection during fabrication for 7 Bridges and 2 offshore Platforms Consisted of 2 Jackets, 4 Decks and Piles in Mirkab Yard and 2 Bridges in Timsah yard, Ismailia.</li> </ul> </li> <li>• Offshore Platforms EME, SMB and Process Piping: <ul style="list-style-type: none"> <li>- Complete inspection during fabrication for Two 4-Legs fixed offshore platforms consisted of 2 Jackets, 4 Decks, Piles and Process Piping in Timsah yard, Ismailia.</li> </ul> </li> <li>• M 20&amp;180 Offshore Platforms: <ul style="list-style-type: none"> <li>- Complete inspection during fabrication of 4- Legs fixed offshore platform, consisted of Jacket and 3 Decks in project yard at Maadia, Alex.</li> </ul> </li> <li>• October G&amp;H offshore Platforms: <ul style="list-style-type: none"> <li>- Complete inspection during fabrication of offshore platform consisted of Jacket, 3 Decks and process Piping in Ismailia Yard.</li> </ul> </li> <li>• El Maadia marine platform (PETROJET).</li> <li>• Complete inspection for Tim Barge - (AKHEN)</li> <li>• Complete inspection for 30" subsea pipelines.</li> <li>• "GUPCO July 15" platform, Ras Shokair.</li> </ul>	1985	2004
<b>Badr El- Din Petroleum Company (BAPETCO)</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• Natural gas 270 km Length Pipeline 20,24"</li> </ul>	1987	1997

	<p>between Badr El-Din sites, Western Desert, Alex.</p> <ul style="list-style-type: none"> <li>• Petrojet Bed-1 &amp; 3 pipelines.</li> <li>• El- Haram storage tanks, El Maadia.</li> <li>• Periodic inspection of cranes, and lifting appliances.</li> </ul>		
<b>Agiba Petroleum Company</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• West Razzak Oil Field Development (Crude Oil): Calibration of 7 Cylindrical Tanks</li> <li>• Periodic inspection for all sites' cranes.</li> <li>• Approved third party inspector for all the contractors' equipment working within all Agiba's sites.</li> </ul>	1991	Till now
<b>PetrogulfMisr Company, Geisum Oil Company</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• Welding inspection at McDermott site &amp; Zeit Bay.</li> <li>• Periodic inspection of offshore and onshore cranes, life boats and lifting appliances.</li> </ul>	1991	2007
<b>Zaafraana Oil Company</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• Periodic inspection of offshore and onshore cranes, life boats and lifting appliances.</li> </ul>	1997	2003
<b>Rashid Petroleum Company (Rashpetco)</b>	<ul style="list-style-type: none"> <li>• Periodic inspection of offshore and onshore cranes and lifting appliances.</li> </ul>	1999	2003
<b>Khalda Petroleum Company</b>	<ul style="list-style-type: none"> <li>• Periodic inspection of cranes and lifting appliances.</li> </ul>	1999	



## Service Companies:

Company	Projects	From	To
<b>Pipelines Petroleum Company (PPC)</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Damanhour pipeline.</li> <li>• Periodic inspection for all sites' cranes</li> </ul>	1981	2011
<b>Arab Petroleum Pipelines Co. (SUMED)</b>	<b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b> <ul style="list-style-type: none"> <li>• Single buoys mooring (new and under repair).</li> <li>• Sidi Krir tanks &amp; pipelines.</li> <li>• Deballast pipeline, Sidi Krir.</li> <li>• Pressure vessels during fabrication.</li> <li>• Welders' qualification tests.</li> <li>• 48-52" pipelines, Ismailia.</li> <li>• Ain Sokhna pipelines 1 &amp; 2.</li> <li>• Moring buoys.</li> <li>• Boats welding inspection.</li> <li>• Sidi Krir fuel storage tanks vacuum test.</li> <li>• Thickness measurements for: M/V Kerir (3) &amp; (4), Sumed 2,3,6,10,11,12 &amp; 13.</li> </ul>	1982	2006
<b>Petrogas Company</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• El Max pipelines.</li> </ul>	1982	
<b>The Petroleum Projects and Technical Consultation (PETROJET)</b>	<b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b> <ul style="list-style-type: none"> <li>• El Amrya petroleum storage tanks.</li> <li>• Cement Station and Aggregate Mixer.</li> <li>• Badr3 gas pipeline project.</li> <li>• El-Maadia offshore platform &amp; Barge.</li> <li>• WEPCO Platform P3.</li> <li>• Metering station (Badr El Din).</li> <li>• Sitra El-Amrya pipeline.</li> <li>• Calibration of seven cylindrical tanks, West Razak for Agiba Company.</li> <li>• Petrojet 12 Barge Stinger welding joints and padeyes inspection.</li> <li>• Periodic inspection for cranes and lifting appliances.</li> </ul>	1983	Till now

<b>Sea Gull Zeit Petroleum Limited (ESSO)</b>	<b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b> <ul style="list-style-type: none"> <li>• Zeit Bay project: <ul style="list-style-type: none"> <li>- Complete inspection for treatment unit piping.</li> <li>- 3 Floating Roof Crude Oil Tanks 100000 Brls Each, Terminal Facilities, Power House.</li> </ul> </li> <li>• Aviation fuel tanks, Hurghada Air Port.</li> <li>• Periodic inspection for all onshore and offshore sites' cranes and lifting appliances.</li> </ul>	1985	1999
<b>Egyptian Drilling Company (E.D.C)</b>	<b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b> <ul style="list-style-type: none"> <li>• Rig4 substructure at Meleiha Western.</li> <li>• Endure offshore project – Red Sea.</li> <li>• High pressure pipelines.</li> <li>• Periodic inspection for all Rigs' cranes and lifting appliances.</li> <li>• Complete inspection for all Rigs' light vehicles, heavy vehicles and minibuses.</li> <li>• Complete verification for all the company's heavy equipment operators and transportation fleet drivers.</li> </ul>	1985	Till now
<b>Pico Petroleum Co</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all sites' cranes and lifting appliances.</li> </ul>	1989	Till now
<b>McDermott Company</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• A7C ESSO Platform flow line.</li> <li>• Total gamma project (Shukeir &amp; Ras-Dip).</li> <li>• Amal total project 8" pipeline.</li> <li>• Nigeria WQT Project.</li> </ul>	1989	1992
<b>National Transport and Overseas Company (NOSCO)</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all sites' cranes and lifting appliances.</li> </ul>	1990	2008
<b>Tube Scope - VETCO</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Rig 124 pipelines (SANTA FE Project).</li> <li>• 30" conductors pipes Zeit Bay Project.</li> <li>• Rig 136 pipelines (WEPCO Project).</li> <li>• Modification of mud pump, room &amp; deck</li> </ul>	1990	1993

	floor pipelines (ESSO project).		
<b>Mobil Oil Egypt</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Orabi station and fuel oil tanks.</li> </ul>	1990	1991
<b>Dowel Schlumberger</b>	<b>Engaged in a 4 years contract for several inspection, quality assurance &amp; quality control activities such as:</b> <ul style="list-style-type: none"> <li>• Ras Shukier 1.5" pipeline.</li> <li>• Ras Shukier Radiographic inspection RT.</li> <li>• Cairo El Maady Radiographic inspection RT (project 7525 FT).</li> </ul>	1991	1995
<b>Global Santa Fe</b>	<b>Engaged in a long term contract for several inspection, quality assurance &amp; quality control activities such as:</b> <ul style="list-style-type: none"> <li>• Inspection activities on Key Manhattan Offshore Rig, Ras El Bar.</li> <li>• Cement &amp; Mud Line Rig 105.</li> <li>• Radiographic Inspection RT at Abu Quir.</li> <li>• Periodic inspection for cranes and lifting appliances.</li> </ul>	1997	2003
<b>ENNPI Company</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Cradles &amp; Suspended Platforms.</li> </ul>	2000	Till Now
<b>Transocean</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Adabbia Port Cement &amp; Mud pipe Lines inspection at Mercury Rig.</li> </ul>	2001	2003
<b>Halliburton Overseas</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Jim Cunningham Rig Cement &amp; Mud pipes.</li> </ul>	2002	2009
<b>Petroleum Air Services (PAS)</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Ras Ghareb workshop overhead crane.</li> </ul>	2002	Till Now
<b>Egyptian Maintenance Company EMC</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Tanta – Nubaria 24" pipeline.</li> <li>• Tanks calibration.</li> <li>• Radiographic Inspection RT at many sites (WEPCO, El Razak, El HAMra, Sidi Krir, Abo Elgharadek Western Desert ....)</li> <li>• Inspection activities during shut down.</li> <li>• Sumed Sidi Krir, Khalda Abo elgaradek and El razak sites NDT activities.</li> <li>• Spreader bars inspection.</li> <li>• Equipment calibration.</li> </ul>	2004	Till Now

	<ul style="list-style-type: none"> <li>• Load tests using DEVCO's wide range of load cells and water bags.</li> <li>• Periodical inspection for sites' equipment (telescopic cranes, side booms, personal &amp; material baskets and rigging equipment, welding machines, generators, compressors and lifting appliances).</li> </ul>		
<b>Advanced Energy Systems ADES</b>	<p><b>Onshore and offshore quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Admarine II at Suez ship yard, Hurgada &amp; Abu Rudies.</li> <li>• Periodic cranes inspection such as ROV launch crane of Port Saïid offshore Rig.</li> </ul>	2006	2010
<b>Petroleum Marine Services (PMS)</b>	<p><b>Quality Control &amp; Quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Onshore and offshore NDT activities for the company's barges.</li> <li>• Onshore and offshore load tests using DEVCO's wide range of load cells and water bags.</li> <li>• Periodic inspections for the barges: Anchor Gravity, Salvage Air Lifting Bag, Air Dive System, Wire rope sling, Zodiac Frame, SR Amplical Frame, Air Rack, Container, Gas Rack, Shackles,, Decompression Chamber Gas Leak and Pressure Test, Hot Cutting Fram, Rescue Recovery System, Beacon Davit Pad Eye, Clamp Weight with Pad Eye, Cargo Net, Crane Hook Block, Pad Eyes, Rescue Boat Davit Winch, Lifting Points, Safety Harness, Tension Points (Elephant Foot), Standard Ratchet Type, Load Binder, Towing Winch.</li> </ul>	2007	Till Now
<b>Petroleum Maintenance Company (PETROMAINT)</b>	<p><b>Continuous cooperation for Quality control &amp; quality assurance activities in the company different fields such as:</b></p> <ul style="list-style-type: none"> <li>• Inspection and certification for spreader bars, baskets, containers and cranes.</li> <li>• Several NDT activities.</li> </ul>	2009	Till Now
<b>Baker Hughes Company</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Silos &amp; Pressure tanks inspection and hydrostatic test.</li> </ul>	2010	2013

<b>Egyptian Chinese Drilling Company(ECDC)</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Rig 2 Pipe line welding inspection and hydrostatic test.</li> <li>• An approved third party inspector for the lifting equipment inspection and certification.</li> </ul>	2011	Till Now
<b>IEOC Production BV – The ENI Group</b>	<b>Engaged in a long term contract for several inspection, quality assurance &amp; quality control activities such as:</b> <ul style="list-style-type: none"> <li>• NDT activities.</li> <li>• Periodic inspection for forklifts and baskets.</li> </ul>	2011	Till Now
<b>Weatherford Services Free Zone</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Offshore Baskets Third Party Supervision During Fabrication.</li> </ul>	2012	2013

### Refinery companies:

Company	Projects	From	To
<b>Misr Petroleum Company</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Thickness measurements for: M/V Shukair, M/V Biad, M/V Nisr (1).</li> <li>• Tanks NO.2, 13 &amp; 101.</li> </ul>	1981	2004
<b>El Nasr Petroleum Company</b>	<b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b> <ul style="list-style-type: none"> <li>• High pressure vessels.</li> <li>• Periodic inspection for all sites' cranes.</li> </ul>	1983	Till Now
<b>Egyptian Petrochemical Company (EPCO)</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Double Wall Stainless Steel Ethylene Tanks, P.V.C. Plant, V.C.M. Plant, Power station &amp; facilities.</li> <li>• Ethylene pipeline Offshore Terminal –Dekheila, Alex: <ul style="list-style-type: none"> <li>- Two 8" subsea pipelines.</li> <li>- 8 legs Fixed Offshore Platform consisting of: 8 leg jackets, piles, decks with ethylene storage tanks and related facilities, mooring dolphin &amp; flare dolphin.</li> </ul> </li> </ul>	1984	1988

## Marine Companies

Company	Projects	From	To
<b>Cargo Supervision Office</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Cargo quantity survey for many companies such as:               <ul style="list-style-type: none"> <li>- El-Sherif Plastic Factories.</li> <li>- M/V Containers Lyon.</li> <li>- Arab trading group.</li> </ul> </li> <li>• Damage survey such as for:               <ul style="list-style-type: none"> <li>- M/V Aly B, M/V El-Menia, M/V Tinacity, M/V Farida, M/V Marine Dansion, M/V Alexandria, National Drilling Co. Rig at Meleiha, Containers.</li> </ul> </li> <li>• Drafft survey such as for:               <ul style="list-style-type: none"> <li>- Tankers, M/V Pan Raafar</li> </ul> </li> <li>• Thickness measurements: M/V Potros, M/V Storage, M/V Abu Simble.</li> </ul>	1980	1986
<b>Alexandria Navigation Company</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Thickness measurements: M/V Rowlight, M/V El-Fahd, M/V Athlos, M/V Cairo, M/V Jordan, M/V Kuwait.</li> </ul>	1980	1984
<b>Egyptian Navigation Company</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Thickness measurements :M/V Tanta, M/V Helwan, M/V Zagazig, M/V Algeria, M/V El-Mansoura, M/V Agamy, M/V Ras EL-Tin, M/V Pyramids, M/V El Gzaer.</li> <li>• Ramseis (2) ship.</li> <li>• Periodic inspection for cargo gears &amp; derrick cranes</li> </ul>	1981	Till Now
<b>Navigation Pan Arab</b>	<p><b>Quality control &amp; quality assurance activities for</b></p> <ul style="list-style-type: none"> <li>• Thickness measurements :M/V Ibn Korra, M/V Al-Ahram, M/V Abu El-Feda, M/V El-Biruni, M/V El-Adresi.</li> </ul>	1981	1997
<b>Egyptian Ship Building &amp; Repair Co.</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• Several ships and vessels such as: El-Taawn (5), Ezz El-Din Refaat, M/V Dalia, M/v El-Hussin, M/V Ras EL-Tin, M/V El-Mansoura, M/V Nefertiti, M/V Nissr, M/V Abd El-Rahman, M/V Taawon 15&amp;2, M/V Sea Runner, M/V Uni Yamani, M/V Kawkab.</li> <li>• Omodco Buoy.</li> </ul>	1983	Till Now

	<ul style="list-style-type: none"> <li>• Shiplift steel structure.</li> <li>• Floating Deck.</li> <li>• Ships' welding and thickness inspection.</li> <li>• Tug boats, bollard pull &amp; Life boat davit.</li> <li>• Derricks steel structure.</li> <li>• Periodic inspection for the company cranes, derrick cranes and lifting appliances using DEVCO's water bags with different capacities.</li> </ul>		
<b>Damietta New Port Authority</b>	<p><b>Quality control &amp; quality assurance activities such for:</b></p> <ul style="list-style-type: none"> <li>• Tanks, Containers' gantry and cranes steel structure.</li> <li>• 1989 Annual inspection for Damietta port.</li> <li>• Gantry crane NRA executed repairs.</li> </ul>	1985	1989
<b>Germanshir Lloyds</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Ferro Silicon cargo inspection.</li> <li>• Tally control for Ro-Ro ships, 2 new building.</li> </ul>	1986	1988
<b>El Shalakany</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• River Nile tourism vessel: Aida (2) &amp; Lang.</li> <li>• Thickness measurements for: M/V Giza, M/V Cairo</li> </ul>	1989	1996
<b>Alexandria Ship Yard</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Hull M/V Monofia, M/V Entesar, M/V Alex No. 22, M/V IbnAlmotaz, M/V Rothnie, M/V Amna S,</li> <li>• Towing tug pull power.</li> <li>• Tug boats</li> <li>• Periodic inspection for cranes.</li> </ul>	1990	Till now
<b>Timsah Shipbuilding</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• Platforms: Ramadan No.6, Amonia, Morgan20, Gama Shukair,...</li> <li>• Compressed air reservoir.</li> <li>• Buoy moorings: (S.B.M, Amonia, IMODCO bouy 1159 SEMED, Buoy A-3, El-Alamein)</li> <li>• M/V: Tim Shine, Tim Suez, Buoy, Tim Barge, Warsh, EL-Egueimi(2), Amorina, SamyHaraz, Tim Sumed, Timsah 3, Maridiva 95, Maridive III, Kalila, Demnah, Timsah 4, Maridiva IX, Solders transportation 12,</li> </ul>	1990	Till now

	<p>Maridiva X, Timsah 5, Maridive V, Gulf fleet 208, Mawany 7&amp;5, Suco 1128, Harvage 6, Timsah 6, Tim Rebat 3.</p> <ul style="list-style-type: none"> <li>• Barge No. 1,2,3,4.</li> <li>• Shiplift steel structure.</li> <li>• Tug Boats, shell plates,</li> <li>• El Salam Canal, Sinai.</li> <li>• Marine – Mine sweeping Unit Ustar of Aswan</li> <li>• Radiographic test (RT) for navy coastal units (Hull) &amp; Navy service boats.</li> <li>• Continues cooperation for all quality control and quality assurance activities.</li> </ul>		
<b>Det Norske Veritas</b>	<ul style="list-style-type: none"> <li>• Repair survey for vessel intesar.</li> </ul>	1990	
<b>Suez Shipyard</b>	<ul style="list-style-type: none"> <li>• Complete inspection for EAF W.C standard panel.</li> <li>• CUI blades stress relieves process.</li> <li>• Welder tests samples inspection.</li> <li>• Several Quality Control &amp; Quality assurance.</li> </ul>	1992	Till Now
<b>Lloyd's Register</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• M/V October 6.</li> </ul>	1992	
<b>Canal Naval Construction</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Tower Crane wildings inspection.</li> <li>• Radiographic inspection RT for Bed-1 &amp; Tourism ships at Port Said.</li> <li>• Thickness measurements for M/V Tanker 300 Ton</li> </ul>	1994	2011
<b>Maridive&amp; Oil Services</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Onshore R&amp;F8 pipelines, Ras Shukir.</li> <li>• Thickness measurements for: M/V Maridive 300, M/V Maridive 4.</li> <li>• Periodical inspection for onshore &amp; offshore pedestal &amp; telescopic cranes.</li> </ul>	1995	Till Now
<b>Misr Travel</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Periodical survey for all the company Floating Restaurants &amp; Hotels.</li> <li>• M/V Ousoris, M/V Naftis.</li> </ul>	1996	Till Now
<b>Alexandria Port Authority</b>	<ul style="list-style-type: none"> <li>• Quality control &amp; quality assurance activities such as Radiographic inspection RT.</li> </ul>	2000	



<b>Alexandria International Container Handling Co.</b>	<b>Periodic inspection of:</b> <ul style="list-style-type: none"> <li>• RTG Cranes.</li> </ul>	2006	2009
<b>Suez Canal Authority</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Inspection of the steel ladder gantry for the grudger Tarek Abn Zyad.</li> <li>• Cracks depth measurement for the crank pin No.4 of the grudger Mashhour.</li> </ul>	2010	Till Now

### Cooperated with several marine companies such as:

Egooth floating restaurants,  
 Nile Piken floating restaurants,  
 Petra Navigation International Trading,  
 Pharos Navigation Co.,  
 EG Spain Co.,  
 Mina Sam Co.,  
 Broadviel London Co.,  
 Offshore International Co.,  
 Medifor Co.,  
 International Flag Co.,  
 Domonion Co.,  
 Rickerman Co.,  
 National Co. for Marine Services,  
 M. Azzam Co.,  
 Sama Tours Co.,  
 Yomn Marine Imodoco,  
 KaawarMisr of Navigation Co.,  
 SocieteDegestion Co.,  
 Atlas Co.,  
 Li-Massol Co.,  
 El Kamar El-Saudi Co.,  
 Misr Shipping Co.,  
 H.C.H Co.,  
 Moez Co.,  
 Hassnaa Co.,  
 Loannitsa Shipping LTD. Co.,  
 Kenwar Suez Co.,  
 Gulf Agency,  
 Canal Co. for Ports & Projects,  
 Egypt Trade Maritime Services,  
 Golden Union Bureau,  
 National Navigatttion Co.,  
 The Canal Ports for project Co.,  
 Famco,  
 ODF JELL,  
 Deam Line Co.,

## Power Stations

Company	Projects	From	To
<b>West Delta for Electricity Production</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Abu Quir P.S. 4*150 Mega power station units, tanks, piping and pipelines.</li> <li>• Abu Quir P.S. El Tarh: all site's welds inspection.</li> <li>• Kafr El Dawar P.S. steel structure and SKODA water distributors.</li> <li>• El Seyouf P.S.</li> <li>• Damanhour P.S. for turbine T/G 312 M Watt maintenance.</li> <li>• Damanhour P.S. Boilers Repair and maintenance project: Three boilers complete Overhauling including Piping Replacement in the station site</li> <li>• Vacuum test to storage fuel tank of Abu Quip P.S. to El Fooly Company.</li> <li>• Complete inspection for all the company stations' cranes (Damanhour P.S., El Seyouf P.S., Kafr El Dawar P.S., Abu Quir P.S., SidiKrir P.S., Matrouh P.S. &amp; El Amrya P.S.).</li> </ul>	1982	Till Now
<b>Middle Delta for Electricity Production</b>	<ul style="list-style-type: none"> <li>• Quality control &amp; quality assurance and heat treatments activities at El Mahmoudia P.S for Sadelmy Company.</li> <li>• Periodical inspection for El Nubaria P.S. overhead crane and lifting appliances.</li> <li>• Cranes operators training course.</li> </ul>	1982	Till Now
<b>East Delta for Electricity Production</b>	<ul style="list-style-type: none"> <li>• Quality control &amp; quality assurance activities at Abu Sultan P.S Units 3&amp;4 for Sadelmy Company.</li> <li>• Quality control &amp; quality assurance activities for tanks piping and boilers at Attaka P.S.</li> <li>• Quality control &amp; quality assurance activities at Suez Thermal P.S.</li> <li>• Quality control &amp; quality assurance activities at Demietta P.S for unit No.6 Kafr El Batikh.</li> </ul>	1983	1997
<b>Dahab P.S.</b>	<ul style="list-style-type: none"> <li>• Fuel storage tanks vacuum test.</li> </ul>		1995
<b>El Tour P.S.</b>	<ul style="list-style-type: none"> <li>• Fuel storage tanks vacuum test.</li> </ul>		1995
<b>Taba P.S.</b>	<ul style="list-style-type: none"> <li>• Fuel storage tanks vacuum test.</li> </ul>		1996

<b>Kahromica Company</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all the company cranes' and lifting appliances.</li> <li>• Quality assurance and quality control activities atKafr El Dawar P.S., KED P.S.&amp;Nubaria P.S.</li> </ul>	1999	2006
<b>Upper Egypt Electricity Production Company</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Assuit P.S. Boiler unit No.1.</li> <li>• Complete inspection for all the company stations' cranes and lifting appliances (Korimat P.S, Assuit El Waledia P.S. &amp;Assuit Steam P.S.)</li> </ul>	2005	Till Now
<b>Sidi Krir Generating Company</b>	<ul style="list-style-type: none"> <li>• Early quality control, quality assurance and heat treatments activities during shut down.</li> </ul>	2005	Till Now

## Construction & Industrial Companies+ Contractors

Company	Projects	From	To
<b>Arab Contractors</b>	<ul style="list-style-type: none"> <li>• Ship lift structure inspection for Arab Contractors Ismailia &amp; El Massara.</li> <li>• Engaged in a long term contract with all the Arab Contractors branches all over Egypt for the periodic inspection of all the company cranes, lifting appliances, pile drilling, pumps,.....</li> </ul>	1982	Till now
<b>Port Said for Engineering Works (PSEW)</b>	<p><b>Engaged in a long term contract for the complete inspection, quality control &amp; quality assurance activities such as:</b></p> <ul style="list-style-type: none"> <li>• El Max Alex tanks inspection.</li> <li>• Badr El Din Tanks.</li> <li>• El Amriya food oil storage tanks.</li> <li>• Welder qualifications tests.</li> <li>• El Kabary Bridge.</li> <li>• Hagar El Nawatia Bridge.</li> <li>• Suez Bridge (Round Road).</li> <li>• El Kalaa Bridge.</li> <li>• Khorshed Bridge.</li> <li>• El Manzala&amp; Port Said Bridge.</li> <li>• El Max Bridge.</li> <li>• El Mahala Bridge.</li> <li>• Qena Bridge.</li> <li>• Edfina Bridge.</li> <li>• Abu Homos Bridge.</li> <li>• Assiut thermal power plan.</li> <li>• Al Arish Power Station.</li> <li>• Port Fouad Gantry &amp; floating Crane wildings.</li> <li>• Radar Tower at Ismailia.</li> <li>• Sumed crude oil tanks at SidiKrir and El Ain El Sokhna.</li> <li>• Yard No. 671 service boat.</li> <li>• Floating Deck.</li> <li>• M/V Mahmoud Youness, M/V E; Saied,</li> <li>• Radiographic Inspection RT for 2 Tourism ships at Nasser Lake.</li> <li>• Periodic inspection for all the company's crane</li> </ul>	1982	Till Now

	and lifting appliances.		
<b>Amrya Cement Company, Cimpor Group</b>	<ul style="list-style-type: none"> <li>• <b>Engaged for a four continues years contract as the exclusive third party inspector at all the company's site for quality assurance and quality control activities such as:</b> <ul style="list-style-type: none"> <li>- Cross-section furnace No.2</li> <li>- Steel Structure, Pipelines, Fuel Tanks &amp; Anchor Bolts.</li> <li>- Design calculations check through Germanischer Lloyd Hamburg West Germany.</li> <li>- Steel structure and pipeline cement breakers project at: Alex cement co. site, Steelco site, Matalco site, Fochi site, Polysious site.</li> </ul> </li> <li>• Periodical inspection for the company's equipment such as: pumps, hydraulic jacks, terfors, chain blocks,..</li> </ul>	1983	Till now
<b>CG Alstohm</b>	<ul style="list-style-type: none"> <li>• Quality control &amp; quality assurance activities of Cairo new airport fuel pipeline.</li> </ul>	1983	1986
<b>Lamei F. Abdel Shahid</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Telescopic cranes, lifting beams, pipes lifting hooks &amp; wire rope slings</li> </ul>	1983	Till Now
<b>Metalco Workshop</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Egyptian Sugar Company crane lifting device.</li> <li>• Ramses Bridge steel structure.</li> <li>• Kafr El Dawar Bridge Steel Structure.</li> <li>• Ideal Company steel structure project.</li> <li>• Pipes Company steel structure project.</li> </ul>	1984	1986
<b>Ministry of Defense</b>	<p><b>Quality control &amp; quality assurance activities (drawing review, material inspection, welding inspection, PQR, WPS, welding supervision, dimensional check)for:</b></p> <ul style="list-style-type: none"> <li>• Main workshop steel structure.</li> <li>• Painting workshop steel structure.</li> <li>• Supplementary workshop steel structure.</li> </ul>		1985
<b>Egyptian Construction Company</b>	<p><b>Quality control &amp; quality assurance activities for Cairo Underground Metro:</b></p> <ul style="list-style-type: none"> <li>• 8" Steel pipe covering high voltage underground cable.</li> </ul>	1989	1992

<b>IMODCO England</b>	<b>Quality control &amp; quality assurance activities for Kelli Pumping Station, Sudan:</b> <ul style="list-style-type: none"> <li>• Condition survey for Kelli Pumping station which is placed on 3 pontoons exposed vibration leading to cracks.</li> </ul>	1989	1990
<b>OTIS Elevators company</b>	<ul style="list-style-type: none"> <li>• Steel heat treatments.</li> <li>• Water &amp; oil line spool heat treatments.</li> </ul>	1990	1994
<b>IMODCO, Sudan</b>	Quality control & quality assurance activities for Pontoon Tanks survey.	1990	
<b>DSD Ferrometalco</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all the company's cranes (lattice boom cranes, overhead cranes), lifting appliances and rigging equipment.</li> </ul>	1990	2008
<b>Middle East Equipment Company (MEECO)</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Tower cranes, jib cranes &amp; passenger material hoist.</li> </ul>	1992	Till Now
<b>Ayoubco Company</b>	Quality control & quality assurance activities at Janaklees Air Port.	1993	
<b>CAMPENON BERNARD SGE</b>  <b>VINCI</b>  <b>Egyptian – French Joint Venture Greater Cairo Metro Line No.3 (VINCI)</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all the company's site cranes (telescopic cranes, Gantry cranes, crawler cranes, tower cranes), shuttle lift, Personnel Baskets, lifting appliances and Hydrostatic Tests.</li> </ul>	1993	Till Now
<b>Alexandria Carbon Black Company</b>	<b>Quality control &amp; quality assurance activities for:</b> <ul style="list-style-type: none"> <li>• Calibration of 6 cylindrical tanks.</li> <li>• Continues cooperation in quality assurance and quality control activities within the factory.</li> </ul>	1994	Till Now
<b>SIAC</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all the company's site cranes and lifting appliances.</li> </ul>	1995	2013

<b>SOLETANCHE BACHY EGYPTE SBE</b>	<ul style="list-style-type: none"> <li>• Periodic inspection for all the company's cranes (crawler cranes, lattice boom cranes )and lifting appliances</li> </ul>	1995	2001
<b>Qarun Petroleum Co.</b>	<p><b>Engaged in a long term contract for the complete inspection of:</b></p> <ul style="list-style-type: none"> <li>• Cranes, wires ropes slings, forklifts, lifting platforms, wheel loaders &amp; shackles.</li> </ul>	1996	Till Now
<b>AIR LIQUIDE</b>	<p><b>Quality control &amp; quality assurance activities for:</b></p> <ul style="list-style-type: none"> <li>• Storage pressure vessels in many sites: Tanta , BaniSweif , Assuit, Sohag , El- Menia , Cairo, Alexandria.</li> <li>• Air separation units welding.</li> <li>• Periodic inspection for all the company's cranes (overhead cranes) and lifting appliances.</li> </ul>	1997	Till Now
<b>DAELIM Company</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Mobile Cranes.</li> </ul>	1997	2009
<b>HYUNDAI Company</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Tower cranes &amp;passenger / material hoist.</li> </ul>	1998	2003
<b>AI-DEBIKI &amp; ADRAKHAM (A&amp;A)</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Cranes (Telescopic cranes, lattice boom cranes, floating jib cranes, crawler cranes, tower cranes).</li> </ul>	1999	2007
<b>Micheal El- Gindy</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Telescopic cranes.</li> </ul>	1999	2009
<b>Silver Star X- Press</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Telescopic cranes&amp; lifting appliances.</li> </ul>	1999	2003
<b>SpieEnertranse</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Cranes (Telescopic cranes, gantry cranes) &amp; forklifts.</li> </ul>	1999	2004
<b>ORASCOM Company</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Cranes (tower cranes, overhead cranes, telescopic cranes) &amp;Telescopic forklifts</li> </ul>	2000	Till Now
<b>El-Motahda for Petroleum Services</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Cranes working within petroleum companies fields.</li> </ul>	2001	Till Now
<b>ARESCO Company</b>	<p><b>Periodic inspection for:</b></p> <ul style="list-style-type: none"> <li>• Telescopic cranes, lattice boom cranes &amp; personal baskets.</li> </ul>	2001	2007

<b>GENCO</b>	<b>Periodic inspection for:</b> • Cranes, wheel loaders & pile Drilling Equipment.	2001	2011
<b>Hassan Allam Sons</b>	<b>Quality control &amp; quality assurance activities for :</b> • Third party inspection during steel structures wilding and fabrication. • Periodic inspection for cranes & wire rope slings.	2001	2011
<b>Murray &amp; Roberts</b>	<b>Periodic inspection for:</b> • Tower cranes & wire rope slings.	2001	2003
<b>EBEED Engineering Co.</b>	<b>Quality control &amp; quality assurance activities for :</b> • Nafoora Drilling pipes in Libya.	2002	2003
<b>Cranes Company</b>	<b>Periodic inspection for:</b> • Telescopic cranes	2002	2012
<b>BECHTEL Overseas Corporation</b>	<b>Periodic inspection for:</b> • Overhead cranes	2004	2006
<b>CIMI MONTIBI</b>	<b>Periodic inspection for:</b> • Telescopic cranes	2004	2009
<b>Faster Group</b>	<b>Periodic inspection for:</b> • Inspection of Spreader bars and Passenger Hoist.	2004	2009
<b>GAMCO Company</b>	<b>Periodic inspection for:</b> • Telescopic cranes	2004	2007
<b>Integrated Engineering Groups</b>	<b>Periodic inspection for:</b> • Telescopic cranes	2004	2005
<b>SIEMENS</b>	<b>Periodic inspection for:</b> • Personnel Baskets.	2004	2005
<b>SWANCO</b>	<b>Periodic inspection for:</b> • Cranes & wheel loader.	2004	2005
<b>Union Petroleum Services &amp; Contracting</b>	<b>Periodic inspection for:</b> • Wheel loader working within petroleum companies fields.	2004	Till Now
<b>Egyptian Liquefaction Natural Gas (ELNG)</b>	<b>Engaged in a long term contract for the complete inspection, quality control, quality assurance &amp; heat treatments activities such as:</b> • Liquefaction of Natural Gas Project.	2005	2007



	<ul style="list-style-type: none"> <li>• Radiographic tests RT.</li> </ul>		
<b>Egyptian Natural Gas Company (GASCO)</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Cranes, Wheel Loader &amp; Fork Lift.</li> </ul>	2005	2010
<b>Spanish Egyptian Gas Company (Segas)</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Cranes, wires ropes slings , Shackles, Passenger Hoist (Elevator), Lifting Frame, Jib Crane, Scissor Lift, 4-Post Platform, Air Hydraulic , Chain, Chain Block, Fork Lift, Hand pallet Truck , Electro Hydraulic Scissors, Hoist Rings, Hydraulic Jack , Trolley Jack, Web Belts &amp; Telescopic Jack.</li> </ul>	2006	2011
<b>Ezz Steel Company</b>	<b>Engaged in a long term contract for the complete inspection, quality control and quality assurance activities within the factory.</b>	2007	Till Now
<b>Arab Academy</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Inspection of lifeboats &amp; cranes.</li> </ul>	2007	Till Now
<b>Continental Co.</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Lifeboats &amp; derrick Crane.</li> </ul>	2007	Till Now
<b>Egypt Aluminum Co.</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Cranes (overhead &amp; telescopic cranes), forklifts, wire rope slings, wheel loader &amp; electric hoist.</li> </ul>	2007	2009
<b>Archirodon Construction</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Cranes, personal Basket, wire Rope slings &amp; shackles.</li> </ul>	2008	2011
<b>Flash Trading Co.</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Tower cranes &amp; passenger material hoist.</li> </ul>	2008	2009
<b>Toyota Tsusho Corporation, Egypt Branch</b>	<b>Periodic inspection for:</b> <ul style="list-style-type: none"> <li>• Overhead cranes.</li> </ul>	2008	2009
<b>Alex Steel</b>	Continues cooperation in quality assurance and quality control activities within the company sites including WPS, PQR, welder tests, different NDT activities and equipment calibration.	2009	Till Now
<b>Alstom (Power &amp; Transport)</b>	<b>Quality control &amp; quality assurance activities for :</b> <ul style="list-style-type: none"> <li>• Abo Qir 4 Power Plant turbine blades test.</li> <li>• Periodic inspection for Cairo Underground</li> </ul>	2009	Till Now

	Metro Abassia workshop overhead cranes for, Alstom Power, including providing all the concrete loading blocks and rigging equipment.		
<b>Collas Rails Co.</b>	<b>Periodic inspection for:</b> • Cranes & forklifts.	2009	Till Now
<b>Siag Company</b>	<b>Periodic inspection for:</b> • Several types of cranes.	2009	2013
<b>Alexandria Sugar Company - The Savola Group</b>	<b>Quality control &amp; quality assurance activities for :</b> • Sugar Drier condition survey and inspection.	2011	
<b>Maka For Transportation Services</b>	<b>Periodic inspection for:</b> • Cranes, forklifts, wire rope slings, hooks and shackles working within the petroleum companies.	2011	Till Now
<b>Mantrac</b>	<b>Periodic inspection for:</b> • Wheel loaders.	2011	2014
<b>Egyptian French Joint Venture – Vinci</b>	<b>Quality control &amp; quality assurance activities for :</b> • New Assiut Barrage: - Welders training course and qualification, - Tanks inspection and hydrostatic test, - Material inspection, - Cranes, basket and lifting appliances inspection and certification.	2013	Till Now
<b>ARCONS</b>	<b>Periodic inspection for:</b> • Forklifts, man lift platforms, tiffors, polyester web belts, shackles and wire rope slings.	2013	Till Now
<b>Bygging International Company</b>	<b>Periodic inspection for:</b> • Electric gear motor winches, shackles, tiffors, chain hoists and wire rope slings.	2013	Till Now
<b>Techno Trans For Petroleum Services</b>	<b>Periodic inspection for:</b> • Cranes working within the petroleum companies.	2013	Till Now

# Inspection, Certification & Calibration of Pressure Vessels & Tanks

Company	Item
Abu Qir Fertilizer	23.600 Ton Co2 Pressure Vessels
Abu Qir Fertilizers - Abu Qir	5.5 Ton & 17 Ton Co2 Pressure Vessels
Abu Qir Fertilizers Co.	6.4 Ton Co2 Pressure Vessels
Abu Qir Fertilizers Co. -Tabia	30000 lit. Co2 Pressure Vessels
AGIBA Co., West Razzak Oil Field Development (Crude Oil)	Calibration of 7 Cylindrical Tanks
Air Liquid at 6 th Oct.	21.16 m3 Co2 Pressure Vessels
Alex. Carbon Black	Calibration of 6 Cylindrical tanks
Alexandria Petroleum Company	Calibration of 22 Cylindrical tanks
Arco Misr - Cairo	16.270 m3 Co2 Pressure Vessels
ARESCO - 10 <sup>th</sup> Oct.	6 Ton Co2 Pressure Vessels
ARESCO - Abu Qir	15 Ton & 17 Ton Co2 Pressure Vessels
ARESCO - Cairo	6.274 m3 Co2 Pressure Vessels
Coca Cola - KaluobAbuelghait	11000 lit. Co2 Pressure Vessels
Coca Cola - 6 th Oct.	14 Ton Co2 Pressure Vessels
Coca Cola -Amerya	30000 lit. Co2 Storage Tank
Coca Cola -Assuit	59130 KG. Co2 Pressure Vessels
Coca Cola -Assuit	12000 lit. & 30000 lit. Co2 Pressure Vessels
Coca Cola -BaniSwif	30000 lit. Co2 Pressure Vessels
Coca Cola -Kalyop	26 Ton Co2 Pressure Vessels
Coca Cola - Nasr City	25000 lit. Co2 Pressure Vessels
Coca Cola -Talkha –Mansora	30 Ton Co2 Pressure Vessels
Coca Cola - Tanta	30000 lit. Co2 Pressure Vessels
Coca Cola - Tanta	15450 m <sup>3</sup> Co2 Pressure Vessels
Coca Cola -Zakazeek	30000 lit. Co2 Pressure Vessels
Egypt Air (Dry ice factory)	24000 lit. Co2 Pressure Vessels
Ghabbour Co. - Cairo	15000 lit. Co2 Pressure Vessels
Industrial Control - 6 th Oct.	6 Ton Co2 Pressure Vessels
JOE-TUE CO. -BaniSuif	6.600 lit. Co2 Pressure Vessels
MCV Co. - Salehia –Ismailia	15000 lit. Co2 Pressure Vessels

<b>Pepsi Cola -Amria</b>	12 Ton Co2 Pressure Vessels
<b>Pepsi Cola -Menia</b>	30000 lit. Co2 Pressure Vessels
<b>Pepsi Cola - Port Said</b>	22000 lit. Co2 Pressure Vessels
<b>Pepsi Cola -Sohage</b>	26000 lit. Co2 Pressure Vessels
<b>Pepsi Cola - Tanta</b>	15 Ton & 15.5 ton CO <sub>2</sub> Pressure Vessels
<b>SUCO-RasBudran</b>	Pressure Vessels External Inspection
<b>WEPCO South Umbaraka</b>	Calibration of 6 Cylindrical Tanks

**(3)**

**Training, Verification and  
Certification of Personnel**

**With the growing awareness of safety requirements, based on the international roles and codes, such as the ASNT, British Standard and Pennsylvania Department of Transportation (PennDOT), DEVCO developed a complete training program for:**

1. Nondestructive tests (NDT): RT, UT, PT, MT & VT inspectors.
2. Overhead cranes operator.
3. Mobile cranes operator.
4. Tower cranes operator.
5. Truck mounted cranes operators.
6. Forklifts and wheel loaders drivers.
7. Riggers.
8. Defensive driving training course.

**As well as the service of heavy equipment operators and transportation fleet drivers' evaluation service.**

<b>Company</b>	<b>Service</b>	<b>Year</b>
<b>DEVCO School</b>	Nondestructive tests (NDT): RT, UT, PT, MT & VT inspectors.	Till Now
<b>Nubaria Power Station</b>	Cranes operators training course	2009
<b>Egyptian Drilling Company -EDC</b>	Complete verification for all the company's heavy equipment operators and transportation fleet drivers	2010 - 2012
<b>Unilever Mashreq</b>	Forklifts drivers training course	2012

# Major Projects

# Extract from some of DEVCO's major projects

As a third party inspection service provider, DEVCO has participated in some of the major projects such as:

## ➤ **SUEZ OIL COMPANY (SUCO):**

1. Ras Budran Offshore Production Platforms: Single Buoy Mooring, 2 Sub Sea Pipelines, 5 offshore Fixed Platforms, Flare Tripod Offshore Platform, Production 4-Leg Offshore Platform.  
DEVCO was responsible for: Third Party Inspection On Behalf Of Timsah Company, Preparation of N.D.T Procedures, Performance Of All N.D.T. required including UT, RT, MPT and LPT.
2. SUCO L.P.G.3 spherical storage tanks at Zeit Bay site:

Three high tensile steel spherical tanks, DEVCO was responsible for: Preparation of N.D.T. procedures according to ASME Specification, Performance of UT, MPT, LPT, Supervision of Radiographic Testing crews, Hardness Testing of crack repaired areas, hold and launch platform survival capsule and Crack propagation monitoring by UT.

- More than 200 cranes (2 to 40 ton) (overhead cranes – off-shore cranes, jib cranes, truck cranes, and lattice boom cranes).
- 25 fork lifts
- Almost 1000 inspections for several lifting appliances.

## ➤ **General Petroleum Co. (G.P.C):**

1. At two four-legs identical fixed offshore platforms (F-F & G-G) fabrication of 2 jackets, 6 decks piles installation. DEVCO was responsible for: Ultrasonic, Radiographic, Magnetic, Die Penetrant, and Hardness Inspection.



### ➤ **Western Desert Petroleum Co. (WEPCO):**

1. El Hamra El Alamien field: Process Piping Up –grading DEVCO had been responsible for the supervision during wilding process and inspection of all the pipe line wildings.
2. Calibration of 6 cylindrical tanks at South Umbaraka.
3. El Maadia flare relocation: DEVCO had been responsible for Material quality control, Supervision during fabrication, Welding supervision, Preparation of welding procedures and welders' qualification and Painting Inspection.

### ➤ **Amrya Cement Company, Cimpor Group:**

DEVCO had been the soul third party inspector during the fabrication of the Amria Cement factory with the capacity of 2000 Ton / Day.

### ➤ **Egyptian Petrochemical Company (EPCO):**

DEVCO had been the soul third party inspector during the fabrication of:

1. Double Wall Stainless Steel Ethylene Tanks, P.V.C. Plant, V.C.M. Plant, Power station & facilities.
2. Ethylene pipeline Offshore Terminal –Dekheila, Alex: Two 8" subsea pipelines.
3. 8 legs Fixed Offshore Platform consisting of: 8 leg jackets, piles, decks with ethylene storage tanks and related facilities, mooring dolphin & flare dolphin.

### ➤ **Port Said for Engineering Works (PSEW):**

DEVCO had been the soul third party inspector during the erection of:

- El Kabary Bridge.
- Hagar El Nawatia Bridge.
- Suez Bridge (Round Road).
- El Kalaa Bridge.
- Khorshed Bridge.
- El Manzala & Port Said Bridge.
- El Max Bridge.
- El Mahala Bridge.
- Qena Bridge.
- Edfina Bridge.
- Abu Homos Bridge.
- Assiut thermal power plan.
- Al Arish Power Station.

### ➤ ***Badr El- Din Petroleum Company (BAPETCO):***

DEVCO was responsible for the inspection and Supervision of testing, Safety check and Certifying according to the required specification for Natural gas 270 km Length Pipeline 20,24" between Badr El-Din sites, Western Desert, Alex.

### ➤ ***West Delta for Electricity Production:***

DEVCO was responsible for:

1. The full inspection of Abu Quir P.S. 4\*150 Mega power station units, tanks, piping and pipelines.
2. Damanhour P.S. Boilers Repair and maintenance project: Three boilers complete Overhauling including Piping Replacement in the station site.

# Long Term Contracts

❖ Timsah Shipbuilding	29 continuous years
❖ Petrojet Co.	29 continuous years
❖ Egyptian Drilling Co. (E.D.C)	26 continuous years
❖ Western Desert Petroleum Co. (WEPCO)	20 continuous years
❖ Egyptian Ship Repairs and Building Co.	20 continuous years
❖ Port Said Engineering Works Co.	20 continuous years
❖ Air Liquide	12 continuous years
❖ Enppi Co.	12 continuous years
❖ Arab Contractors	14 continuous years
❖ Sumed Co.	12 continuous years
❖ Campenon Bernard SGE	8 continuous years
❖ VINCI	2 continuous years
❖ Egyptian–French joint Venture Greater Cairo Metro Line No.3	1 continuous year
❖ Alexandria Carbon Black	7 continuous years
❖ Badr El- Din Petroleum Company (BAPETCO)	10 continuous years
❖ Suez Oil Co. (SUCO)	6 continuous years
❖ GEISUM OIL Co. (Petrogulf Company)	9 continuous years
❖ General Petroleum Co. (G.P.C)	6 continuous years
❖ Alexandria National Iron and Steel Co.	5 continuous years
❖ GASCO	5 continuous years
❖ Global Santa Fe	5 continuous years
❖ DSD Ferrometalco	9 continuous years
❖ Kahromika Co.	5 continuous years
❖ SoletancheBachy Egypt	6 continuous years
❖ Qarun Petroleum Co.	6 continuous years
❖ Agiba Petroleum Co.	6 continuous years
❖ Spanish Egyptian Gas Co. (Segas)	6 continuous years
❖ Schlumberger Dowell	4 continuous years
❖ Esso Suez INC. Egypt (Sea Gull Company)	5 continuous years
❖ Petroment Co.	4 continuous years
❖ Saipem Co.	3 continuous years
❖ El Nasr Petroleum Co.	6 continuous years
❖ Egyptian LNG Co.	2 continuous years
❖ Zaafarana Oil Co.	2 continuous years

❖ Abu Qir Power Station	2 continuous years
❖ Damanhour Power Station	6 continuous years
❖ Kafr El-Dawar Power Station	2 continuous years
❖ El-Seuof Power Station	2 continuous year
❖ Abu Sultan Power Station	2 continuous year
❖ Suez Power Station	1 continuous year
❖ Nubariafor Manufacture & Refining Sugar	1 continuous year
❖ Belayim Petroleum Company (Petrobel)	1 continuous year
❖ Lamei F. Abdel Shahid	28 continuous years
❖ Rashpetco (Gempetco)	2 continuous year
❖ Koriemat Power Station	6 continuous year
❖ Egypt Aluminum Company	2 continuous year
❖ Advanced Energy System (ADES)	4 continuous year