WELCOME TO THE THIRD ISSUE OF THE JBC NEWSLETTER.

In this issue of the newsletter we focus on our downstream activity and have a retrospective look at J Barnsley Cranes in the material handling Industry over the years.

The company can be traced back to 1809 when it first produced what was known as the Jaws harp. The company then went on to manufacture manual pulley blocks and over the last 30 years has gone on to become a global supplier of explosion proof cranes and hoists to a wide range of Engineering houses around the world in a variety of different industries.

We hope you enjoy reading this issue and your continued interest in J Barnsley Cranes ltd.

Director - M.Banner
In Focus

Explosion Proof Electric Hoists

J.Barnsley explosion proof hoist units - Our electrically operated monorail hoists & winches are explosion protected for use in Zone 1 or Zone 2 hazardous areas worldwide. Standard explosion proof hoist features include motors and electrical systems in ignition protection mode, “flameproof” enclosures: Ex de IIB/IIC T4 & Ex ndeA IIB/C T3, hooks and “ferrous to ferrous” items in non-sparking materials.

Capacity Range from 0.5Te to 100 Te available in different configurations.

Hoists designed to:
- DIN 1508 H2 B3. & FEM

Country Approvals:
- ATEX (Europe)
- IECEx (International)
- GOST (Russia)
- ENACT/DPP (Algeria)
- CSA (Canada)

Please contact our sales team at sales@jbarnsleycranes.com for further information.
Petroleum Development Oman (PDO) and Petrofac, a leading international provider of oil and gas facilities services, delivered a contract for one of the largest field-development projects ever undertaken by PDO.

The contract -- for the engineering, procurement and construction (EPC) of a major new oil and gas processing station as well as gas-injection facilities near Harweel, in south Oman -- formally launched PDO’s first full-scale enhanced oil recovery (EOR) project.

The EPC contract, valued at just under $1bn, was executed by Petrofac’s Engineering & Construction (E&C) division from its base in Sharjah, UAE.

Included in our scope:-

- 4* Ex Bridge Cranes
- 9 * Manual Ex Sparkproof Cranes
- 9 * Ex Monorail Hoists
- 6 * Manual Ex Sparkproof Cranes

Capacities ranged from 1Te to 40Te SWL.
Crane Specification

SWL: 25Te
Aux Hoist: 9Te
Span: 18m
Height of Lift: 12m

- Crane design in accordance with - BS 466, BS2573.1, BS2573.2
- Double Girder Construction
- Maintenance Walkway
- Area Classification: Zone 1
- Supply Voltage: 400v 3ph 50Hz
- Ambient temperature -20 to +55 Degrees C
Notes from Head Office

Continued Success in the Downstream Sector

Downstream activity has long been one of our main focuses here at J Barnsley Cranes.

Downstream project category’s include:

- Chemical
- Ammonia
- Ethanol
- Carbon Capture
- Clean Fuels
- Expansion projects
- Gas Processing / Treatment
- GTL
- Gas Terminals
- Petro-Chemical
- Refinery

Typical Equipment list supplied to these industries:

- Hazardous Area Electric Bridge Cranes & Hoists
- Hazardous Area Manual Bridge Cranes & Hoists
- Hazardous Area Electric & Manual Jib Cranes
- Hazardous Area Electric Goliath & Semi-Goliath Cranes

Recent projects awards in these categories include the Baytown Refinery Expansion project in the USA, PTA4 & 5 Refinery project in India and the Petro Rabig 2 project in Saudi Arabia.

Just a few of the companies we have worked with over the last few years are Petrofac, Reliance, Linde, Saudi Aramco, ADCO and SK E&C.

For a recent list of downstream activity please see our experience list on page 11.
Reliance Jamnagar Refinery

Sonatrach El Merk

KOC New Booster Station BS-132 & Enhancements to BS-131

PDO Harweel Cluster Phase 2 Development

ADCO ASAB Full Field development

Saudi Aramco Rabigh Olefin Plant Project

J. Barnsley Cranes Ltd., UK's leading crane manufacturers, specialise in explosion proof cranes, and explosion proof crane equipment for the petrochemical and pharmaceutical industries.
The history of J.Barnsley Cranes Ltd can be traced back to 1809 when it was established as a traditional Black Country engineering company. During these early years its foundry, listed variously as being based in Cradley Heath and Netherton produced a wide range of products including the Jaws harp.

As was typical for this period, John Barnsley Cranes would continue to introduce a variety of products made from cast but by the 1880s had gradually changed to the production of lifting equipment that was to become their speciality in future years.

By the early 1950s, J Barnsley had diversified further and were now producing overhead travelling cranes. These early cranes were initially constructed using traditional hot riveted lattice beams. This process later evolved into the welded box beam cranes that are used nowadays.

In the 1970s J Barnsley Cranes began to supply explosion proof equipment offshore to North Sea oilrigs and so began the continual technological development of specialist equipment for the oil and gas industries.

In more recent times this has expanded to a global market and now the company is recognised as one of the UKs leading manufacturers of explosion proof cranes. There products can be found in many markets including petrochemical, water, aero, nuclear, underwater and heavy industry worldwide.
The history of J.Barnsley Cranes LTD can be traced back to 1809 when it was established as a traditional Black Country engineering company.
J. Barnsley Logistics

Shipping cranes globally for over 25 years
# Experience List - Downstream Projects

A selection of international downstream projects from J.Barnsley Cranes

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>COUNTRY</th>
<th>OPERATOR</th>
<th>ENG. HOUSE</th>
<th>EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alrar Seperation &amp; Boosting Facility</td>
<td>Algeria</td>
<td>Sonatrach</td>
<td>Petrofac</td>
<td>4 * 40Te G EX Cranes 1 * 2Te SG EX Crane</td>
</tr>
<tr>
<td>Baytown Refinery Expansion</td>
<td>USA</td>
<td>Exxon Mobil</td>
<td>Linde Engineering</td>
<td>2 * 100Te DG EX Cranes 2 * 20Te DG EX Cranes</td>
</tr>
<tr>
<td>Nyhamna Gas Processing Facility Expansion</td>
<td>Norway</td>
<td>Statoil</td>
<td>Kvaerner</td>
<td>2 * 35/5Te DG EX Cranes 1 * 35/5Te DG EX Cranes</td>
</tr>
<tr>
<td>Hassi R’mel Compression Station</td>
<td>Algeria</td>
<td>Sonatrach</td>
<td>Dodsal Engineering</td>
<td>3 * 18/5Te DG EX Cranes 1 * 12/5Te DG EX Crane</td>
</tr>
<tr>
<td>BS-132 Gas Booster Station</td>
<td>Kuwait</td>
<td>KOC</td>
<td>SK E&amp;C</td>
<td>13 Safe Area &amp; EX Cranes</td>
</tr>
<tr>
<td>Khazzan Project</td>
<td>Oman</td>
<td>BP</td>
<td>Petrofac</td>
<td>3 * 8Te SG EX Cranes 2 * 3.2Te SG EX Cranes</td>
</tr>
</tbody>
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- Recent Downstream Projects
- Global Projects
J. Barnsley Cranes LTD

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