



ArcelorMittal

# Oil and Gas: from steel to solutions



# Your global partner for steel solutions in oil and gas

With four million tonnes of deliveries to the energy sector, ArcelorMittal is one of the world's largest suppliers to this highly demanding market. Our leadership in the sector is possible thanks to the partnerships we have with our customers, our extensive product portfolio, and the highly innovative and technical solutions we offer. Along with our products, we offer project management services that ultimately support our customers to turn highly critical projects into success stories. Thanks to our extensive experience and global presence we are a reliable partner to the world's oil and gas industry.

## Extensive product portfolio

ArcelorMittal's high quality products include offshore structural grades, thermo-mechanically rolled steels for offshore applications proven down to  $-40^{\circ}\text{C}$ , and high strength steels for line pipes which can be used in harsh and sour environments.

Our Krybar® range is a concrete-reinforcing steel designed specifically for cryogenic applications. It has high ductility, even at very low temperatures (down to  $-170^{\circ}\text{C}/-274^{\circ}\text{F}$ ).

ArcelorMittal also produces racks and chords for jack-up (self-elevating) rigs, and a range of sections (up to 1100 mm high and 40 mm thick) in grades such as HISTAR® Offshore. These solutions meet the very severe conditions encountered by structures used in offshore applications.

Produced by Industeel, our 9% nickel steel plates for cryogenic applications are world class.

Our oil and gas pipes (including OCTG) can be delivered, depending of the products (seamless or welded) and the size, from our sites in Europe, South Africa, Venezuela, and our new state-of-the-art unit in Saudi Arabia.

With our extensive portfolio of products, ArcelorMittal can supply steels and solutions for upstream, midstream and downstream oil and gas applications.

## Innovation

ArcelorMittal has always played a leading role in innovative products and solutions. We understand increased challenges to extract and produce hydrocarbons and with our Global R&D team of over 1300 researchers, we address the new and increasing challenges to extract and produce hydrocarbons and we have several joint industry programs with our customers to meet these challenges.

Beyond new steel products development, with our specialist teams we offer services of co-engineering for new applications and solutions, for example:

- improved corrosion resistance including coatings
- technical advice and support covering the use of sections and merchant bars (design of structural elements, construction details, welding, fire safety).

## Experience

Safety and sustainability standards can only be secured if the steel producer maintains a high level of quality and know-how. ArcelorMittal's certified products and experience with several hundred projects in the oil and gas sector stand as an evidence of the quality of our solutions and high quality steels.

## Global presence

ArcelorMittal's global sales and production presence covers most oil and gas producing regions of the world including Africa, Europe, the Middle East, North and South America, and South East Asia. This enables ArcelorMittal to guarantee customers quick deliveries and a local partner for support and solutions.

## Customer proximity

We are connected to our customers through our global network of offices and service centres. By working closely with our customers, ArcelorMittal can ensure optimum and tailor-made steel solutions and services.

We guarantee a prompt supply chain using local service centres, just-in-time deliveries of our products, and we can even support with dedicated project management services.

We take every opportunity to understand our customers and their requirements in order to find the ideal solution to every need and challenge they face.





Strategic locations dedicated to the oil and gas industry

## Our global presence

### Flat Products

ArcelorMittal Europe – Flat Products  
[industry.arcelormittal.com/energy](http://industry.arcelormittal.com/energy)  
[flateurope.technical.assistance@arcelormittal.com](mailto:flateurope.technical.assistance@arcelormittal.com)

### Long Products

ArcelorMittal Europe – Long Products  
[sections.arcelormittal.com](http://sections.arcelormittal.com)  
[sections.tecom@arcelormittal.com](mailto:sections.tecom@arcelormittal.com)

### Special Steel Plates

ArcelorMittal Distribution Solutions - Industeel  
[industeel.arcelormittal.com](http://industeel.arcelormittal.com)  
[contact.industeel@arcelormittal.com](mailto:contact.industeel@arcelormittal.com)

### Wire Solutions

ArcelorMittal Europe – Distribution Solutions  
[ds.arcelormittal.com/wiresolutions/wireropes](http://ds.arcelormittal.com/wiresolutions/wireropes)  
[offshore.ropes@arcelormittal.com](mailto:offshore.ropes@arcelormittal.com)

### Tubular Products

ArcelorMittal Tubular Products  
[tubular.arcelormittal.com](http://tubular.arcelormittal.com)  
[tubular.products@arcelormittal.com](mailto:tubular.products@arcelormittal.com)

### Global R&D

[arcelormittal.com](http://arcelormittal.com)

### Projects Oil & Gas

Projects entity of ArcelorMittal Distribution Solutions  
[arcelormittal.com/oilandgas](http://arcelormittal.com/oilandgas)  
[projects.asia@arcelormittal.com](mailto:projects.asia@arcelormittal.com), [projects.europe@arcelormittal.com](mailto:projects.europe@arcelormittal.com)  
and [dstc.sales@arcelormittal.com](mailto:dstc.sales@arcelormittal.com)



## Our products & services

### Flat Products

- API steels for line pipe – hot rolled coils & plates
- Plates for shipbuilding
- Plates for offshore platforms
- Plates for pressure vessels
- Metallic coated steels for fire protection – Alupur®
- Metallic coated steels for high corrosion resistance steels – Magnelis®

### Long Products

- Whole range of sections up to 1100 mm high and 40 mm thick in offshore structural steel grades up to S460
- Krybar® concrete reinforcing steel for safest cryogenic applications
- Technical advice and support covering the use of sections and merchant bars (design of structural elements, construction details, welding, surface protection, fire safety, optimising solutions)

### Special Steel Plates

- Boilers and pressure vessel plates (HIC)
- 9%Ni steel plates for cryogenic applications
- Clad plates for pipes, coke drums etc
- Stainless steel plates
- Heads, shells and other formed pieces

### Wire Solutions

- Sheathed spiral strand wires for permanent mooring of O&G floaters
- Steel wire ropes for offshore lifting and hoisting applications
- Cold rolled wire for flexible pipes and umbilicals
- Galvanised wire for armouring of sea cables

### Tubular Products

- Seamless and welded OCTG
- Seamless onshore and offshore line pipes
- Seamless boiler tubes
- Seamless structural tubes
- Large diameter spiral and longitudinally welded line pipes
- ERW line pipes

### Projects Oil & Gas

ArcelorMittal Distribution Solutions has a dedicated and specialised business unit present in all major energy hubs worldwide to offer a complete and customised steel package for all international turn-key projects.

Projects Oil & Gas offers the right value added services and solutions:

- Optimised combination for a full package offer of all requested structural steel products from both ArcelorMittal as well as third party mills
- Specialised proximity distribution for offshore structure steel products
- Project management, quality control, inspection and documentations
- Processing, pre-fabrication, storage and handling
- Tailor-made logistics

### Global R&D

- Specialist assistance during fabrication – cutting, welding, bending machining etc
- Co-engineering for new applications and solutions. New product development
- Solutions for improved corrosion resistance including coatings
- Specialists for all formats: Plate, coil, long products, tubular products



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