



INDUSTRIAL PLANTS USING HDPE PIPE

- Aggregate and Mining Plants
- Liquid Fertilizer Plants
- Pulp and Paper Plants
- Petrochemical
- Semi-Conductor - Wafers
- Plastic Resin Manufacturers
- LNG (Liquefied Natural Gas)
- Coal Fired Power Plants
- Natural Gas Plants
- Fuel Oil Power Plants
- Hydroelectric Plants
- Biomass Power Plants
- Nuclear Plants
- Wind Farm Plants
- Solar Plants
- Food and Beverage Plants
- Chemical Processing Plants



INDUSTRIAL APPLICATIONS OF HDPE PIPE

- Factory Mutual (FM) Piping - Fire Loops And Mains
- Acid/Caustic Lines
- Acid Mining
- Acid Bath
- Organic Chemicals/Inorganic Chemicals
- Hazardous Waste
- Portable Water And Wastewater Applications
- Process Water
- Cooling Water
- Barge Loading And Unloading Tank Storage/Farms
- Dual Containment Piping Systems
- Aeration
- Tailings Lines
- Liquor, Bleaching, And Caustic Acid Lines
- Dredging Applications
- Liquid Fertilizer
- Clean And Ultra-Pure Water Process
- Power Plants, Fresh Water and Discharge
- Spent Fuel Slurry (Fly Ash And Bottom Ash)
- Outfall Lines
- Deionized Water (DI) Waste Lines
- Gypsum Lines
- Flue Gas Applications
- Penstock



Contact Us

We'd love to hear from you.

- ☎ (+234) 904 486 7050
- 📞 (+234) 904 486 7050
- ✉ info@qsesltd.com
- 🌐 www.qsesltd.com

ISCO CLIENTS



INDUSTRIAL SOLUTIONS

www.qsesltd.com | www.isco-pipe.com

Quantum Strategies & Energy Solutions LTD is the Sales Representative of ISCO Industries Inc. in Nigeria



HIGH DENSITY POLYETHYLENE (HDPE) PIPE

Corrosion and abrasion resistant, zero leak joints and flexible - HDPE pipe has been used in a wide variety of industrial markets worldwide for decades.

ISCO Industries offers solutions for piping applications in nuclear, fossil and renewable generation facilities. No matter what your industrial needs, ISCO Industries supplies pipe, fittings, custom fabrication, related piping products, technical expertise, machinery and more.

FACTORY MUTUAL PIPE AND FITTINGS

ISCO is a global provider of HDPE pipe and fittings manufactured to Factory Mutual (FM) Class 150,200 and new, high-pressure 267 standards up to 30-inch diameter. We offer total solutions for all your industrial piping applications.

ISCO manufactures and fabricates a diverse range of HDPE products and structures while also contracting with HDPE pipe extruders worldwide. Our ability to source HDPE pipe, fittings and related products from multiple locations that are produced to the various global standards and specifications, enables ISCO to provide value-added total piping solutions to our customers.



Both fittings and pipe are labeled with the FM diamond indicating approval.

FUSION EQUIPMENT SALES AND RENTAL

ISCO offers the industry's largest selection of HDPE fusion equipment worldwide for purchase or rental. Trained and certified fusion technicians are available to assist with on-site project needs around the globe.



INDUSTRIAL AND POLYPROPYLENE (PP-RCT)

ISCO's polypropylene pipe has the highest pressure and temperature ranges. Available in 1/2- through 24-inch diameter in standard 20-foot sections, with leak-free, fused joints, it is highly resistant to stress cracking and oxidative failure.



PP-RCT APPLICATIONS

- Compressed Air • HVAC • Chilled Water • Wastewater • Slurry Transfers

ISCO'S FM PRODUCTS

- FM HDPE Pipe & Fittings
- Fire Hydrants
- UL/FM Gate Valves & Butterfly Valves
- Ductile Iron Pipe & Fittings
- Flanged Ductile Risers/Spools
- Post-Indicator Valves
- Firewater Monitors & Nozzles



TOTAL PIPING SOLUTIONS

ISCO Industries specializes in custom HDPE fabrication with 11 full-service facilities worldwide. We also offer engineering assistance on system design, CAD services, shop spooling and fabrication anywhere in the world. ISCO can provide materials, fusion equipment and on-site training for employees, inspectors and contractors.

Join us at the specialized HDPE PIPING TRAINING

July 18 - 22, 2022

For enquiries and registration, Contact us

2A Louis Solomon Close, Victoria Island, Lagos.

(+234) 904 486 7050

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info@qsesltd.com

www.qsesltd.com



What you'll learn

What you'll learn

Technical Course

- HDPE Design and Specifications
- Material selection: Types, uses and applications
- Codes and Standards for HDPE
- HDPE fittings
- HDPE Joining, fabrication and Installation
- HDPE Equipment: An overview of types, uses and application
- HDPE Manufacturing: Overview of pipe extrusion
- Quality control

Practical Course

Know your pipes, fitting and equipment

- Sizes, nominal diameter and internal diameter
- Types and uses
- Equipment and fusion tools
- Sample identification: physical and pictorial

HDPE joining and fabrication

- Samples of fabricated spools and joining types
- Butt fusion
- Electrofusion
- Flange connections: Sample of HDPE/HDPE, HDPE/Others
- Use of gaskets
- Torqueing
- Hydrotesting
- Repairs

Assessment & Certification

