



# DELTA

# ENGINEERING

## FOR INSPECTION AND LOGISTIC SERVICES



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## WHO ARE WE?

DELTA ENGINEERING SERVICES FOR INSPECTION AND LOGISTIC SERVICES is a national company whose mission is to provide specialized services to the oil and gas industry.

Our company was established with the objective of providing a comprehensive package of services to companies working in the oil field ranging from:



### Mission statement

At DELTA, we are dedicated to providing innovative engineering solutions and reliable services that exceed our clients' expectations. Our mission is to deliver high-quality, cost-effective services on schedule. We strive to build a long-lasting relationships with our clients through integrity, professionalism, and a commitment to excellence in every project we undertake.



### Services

At DELTA we provide a long range of services, including but not limited to, NDT inspection services pressure gauge calibration, H2S sensor calibration, lifting accessories manufacture, sandblasting & painting, cold cutter, tubular inspection, handling tools inspection, welding inspection, pressure testing and certification, load test certification for cranes, forklifts, overhead cranes and lifting gears.



### Our Core Values

At DELTA, we uphold the highest standards of integrity, ensuring honesty and ethical behavior in all our actions. We foster a culture of innovation and continuous improvement, delivering cutting-edge solutions that meet the evolving needs of our clients. We put our clients at the center of everything we do, and we provide tailored solutions that drive their success. We are dedicated to sustainable practices that protect the environment and promote social responsibility. And The health and safety of our employees and clients.



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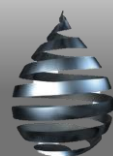
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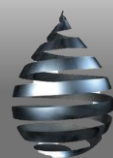


## Calibration & Measurement Services

### 1 Calibration Lab

In our calibration Lab we provide accurate calibration services for a wide range of Instruments, some of the calibration services we offer:

- Pressure Measurement
- Temperature Measurement
- Electrical Measurement
- Torque and Force Measurement
- Mass / Volume
- Gas Detection System
- Safety Related Measurement



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## Pressure Measurement

DELTA provides Pressure Calibration for:

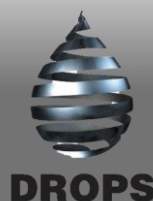
- Pressure Gauges
- Relief Valves
- Pressure Switches
- Pressure Transmitters
- Pressure Control Valves
- Pressure Regulators
- Pressure Test Manifolds
- Chart Recorders & Reference Recorders



## Temperature Measurement

DELTA provides Temperature Measurement for:

- Temperature Gauges
- Switches
- Control Valves
- Transmitters
- RTDs
- Thermocouples
- Ovens & Furnaces
- Welding Rod Ovens
- IR Thermometers



# Torque and Force Measurement



DELTA provides Torque and Force measurement for:

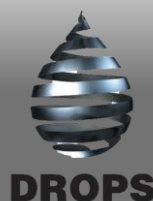
- Torque Wrenches
- Loadcell (Tensile & Compression)



# Mass / Volume Measurement

DELTA Also provides Mass/Volume measurement for:

- Dead Weights
- Weighing Balances





# Gas Detection System



DELTA provides Gas Detection System Measurement for:

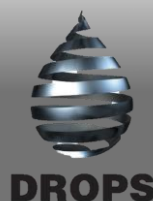
- H<sub>2</sub>S Gas Detectors
- Multi-gas Detectors
- SO<sub>2</sub> Gas Detectors
- Fire Detectors (UV/IR)
- Flammable Gas Detectors
- Line of Sight Gas Detectors



# Safety Related Measurement

DELTA provides safety related equipment measurement for:

- **SCBA Testing & Inspection:** Refilling, Hydrotest and Maintenance of Self-contained Breathing Apparatus(SCBA) & Emergency Escape Breathing Apparatus(EEBA).
- **Fire extinguishers:** Testing and Refilling of DCP, CO<sub>2</sub>, Foam





In our Fire & Gas calibration Lab, we prioritize Safety and Precision.  
Our services include:

- **Single / Multi Portable Gas Detectors:** Calibration for accurate Detection and Safety (BW Technologies Honeywell, MSA, Drager, Industrial Scientific)



- **Fixed Gas Detection Systems (H2S/LEL 8 Channels Gas Detection System (Detcon, MSA, Industrial Scientific, General Monitors):** Calibration and installation for comprehensive gas monitoring.
- **Area Gas Monitors (Industrial Scientific, Drager, MSA)**





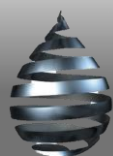


Our Pressure Test Facility is equipped with cutting-edge technology to ensure rigorous testing and validation of High-Pressure Systems. The facility features:

- **Chart recorder:** capable of recording pressures up to 30,000 PSI for precise and detailed monitoring.
- **Pressure Test Pump:** a Haskell-manufactured pump that handles pressures up to 26,000 psi, designed for high-performance testing.

We conduct comprehensive tests on a variety of equipment, including:

- **Riser lines:** ensuring structural integrity and Performance under pressure.
- **Chock/kill lines:** validating safety and efficiency in Critical systems.
- **Booster/conduit lines:** testing for reliability in fluid Transfer operations.
- **Coflex hoses:** assessing durability and pressure tolerance.
- **Manifolds:** verifying functionality and strength.
- **X-trees:** ensuring safe and efficient operation.
- **Heat exchangers:** testing for performance under high pressure.
- **Heaters:** validating pressure handling and operational safety.
- **Piping:** comprehensive pressure tests for piping systems to ensure reliability.



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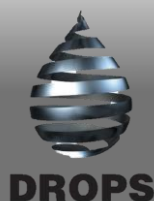


Our Flow Line Test Facility is designed to handle high-capacity and high-pressure flow line testing with advanced equipment. We offer:

- **High filling Pump:** with a filling rate of 1,000 L/min, this pump ensures rapid and efficient fluid handling.
- **High Pressure Pump (6,000 psi):** designed for precise testing with a filling rate of 20 l/min, ideal for high-pressure applications.
- **High Pressure Pump (4,000 psi):** offering a filling rate of 10 l/min, perfect for a variety of pressure testing scenarios.



This facility supports us thorough testing and verification of flow lines, ensuring optimal performance and reliability in your operations.







Through years of field experience and a team of certified professionals DELTA is able to offer a vast range of services, Maintenance, Certification and Inspection

## 1 Welding inspection

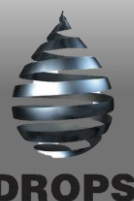
We offer Non-Destructive Testing (NDT) services for Welding Inspection carried out according to the different Code requirements (AWS, ASME, ASNT, API, BS, etc.)

- Visual inspection Test (VT)
- Magnetic Particle Test (MT)
- Liquid Penetrant Test (PT)
- Ultrasonic Test (UT)
- TOFD
- Radiography Test (RT)



All the tests are preformed by a qualified professional with the following certifications:

- CWI
- CSWIP
- Level III
- API 570





## Inspection services:

As it's necessary to inspect and thoroughly examine your lifting equipment frequently every 6/12 months in accordance with examination scheme to ensure and maintain safe lifting operations. We offer our services to inspect and issue Certification for lifting Machines, equipment/Accessories and Manual lifting machines.

### Lifting Machines:

- Mobile cranes
- Manlifts
- Truck mounted manlifts
- Overhead Cranes
- Air Winches
- forklifts

### Lifting Accessories:

- Wire Rope Slings
- Chain Slings
- Webbing Slings
- Hooks
- Swivel
- Shackles all types and sizes
- Safety Harness.

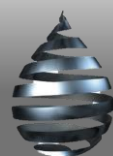
### Manual Lifting Machines :

- Chain Block
- Lever Hoist
- Pulley Blocks
- Drums Winches
- Tirfors & Hydraulic Jacks



## Rig Survey

DELTA also provide Lifting Equipment Management System (LEMS) With an accurate register and Data Base for all Lifting Equipment on Drilling Rigs.



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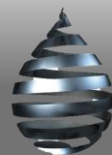






At DELTA we specialize in providing painting and sandblasting services. Our skilled team uses advanced techniques and high-quality materials to ensure surfaces are impeccably prepared and finished.

Whether it's Industrial Equipment, metal structures, or other surfaces, we deliver exceptional results that enhance both appearance and longevity.



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DELTA Engineering testing Wellhead Maintenance (WHM) Service Forms a Key Part of DELTA Well integrity Capability – From New HP/HT Developments . this includes the routine inspection, repair and Maintenance of Surface Wellheads, as Well as the provision of Pressure testing Services.

DELTA Engineering testing WHM Department can provide Different types of Maintenance Service including:

- 1-Xmas tree Valve Greasing and Valve Pressure Testing
- 2-Annuli Valve Greasing and Valve Pressure Testing
- 3-Annulus Integrity Monitoring
- 4-Hanger Seal/Pack-off testing
- 5-Gate Valve and Actuator Repairs



6-Pressure Washer.

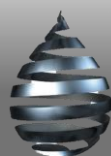
7- High Pressure Test Pump till 30K PSI.

8-Pneumatic Grease pumps.

9- High Pressure Grease Gun.

10- High Pressure Teflon Gun.

11- Cold Cutter



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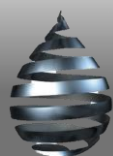
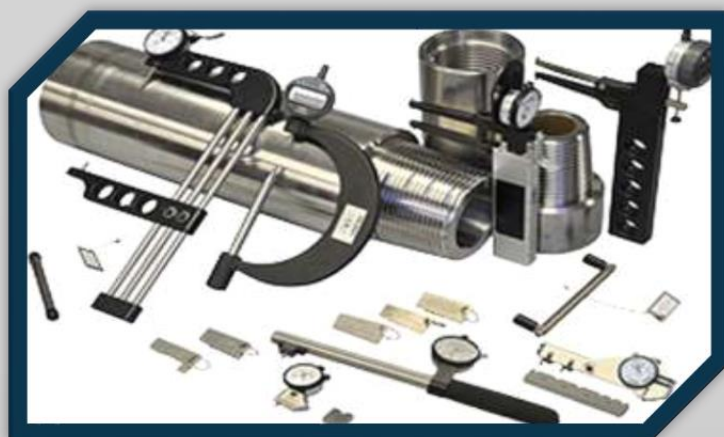




9 years of experiences in running a full range of casing and tubing services, DELTA has performed Tubular Services for the wells drilled by the IDC.

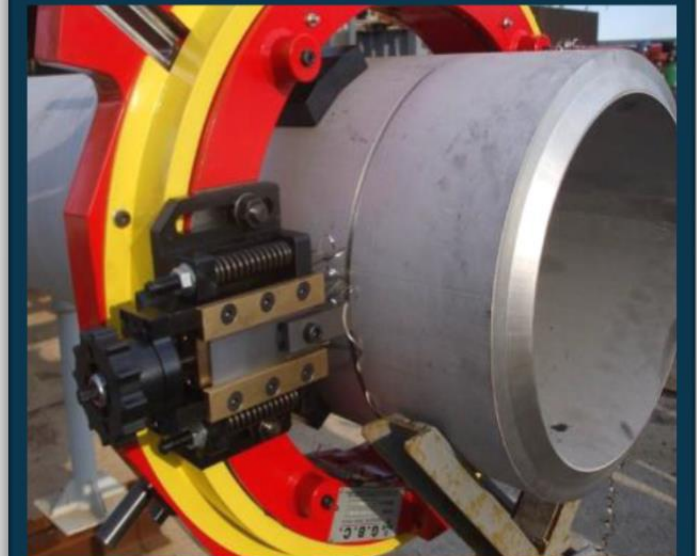
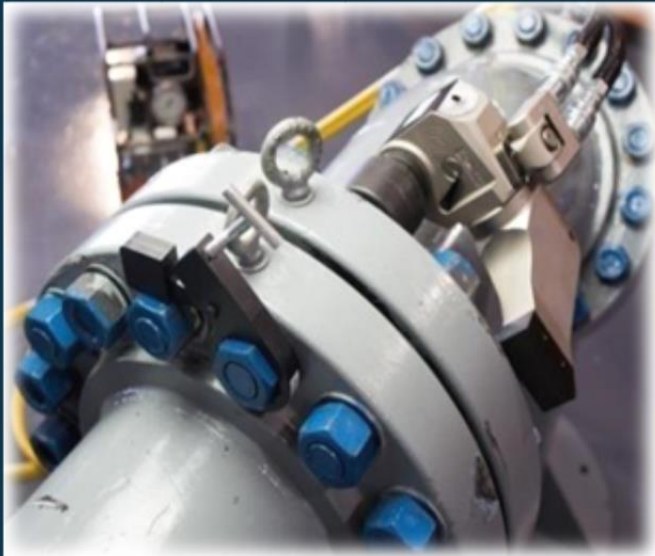
Delta has all the equipment's and facilities necessary, such as Hydraulic Tongs & Power units, to run all type and sizes even with higher torque required, as well as the back-up equipment to minimize the down time and to meet the customer's casing and tubing needs.

In addition, delta have experienced and trained their crew to use the equipment safety, and to minimize the damage on the tubular while running in the hole.

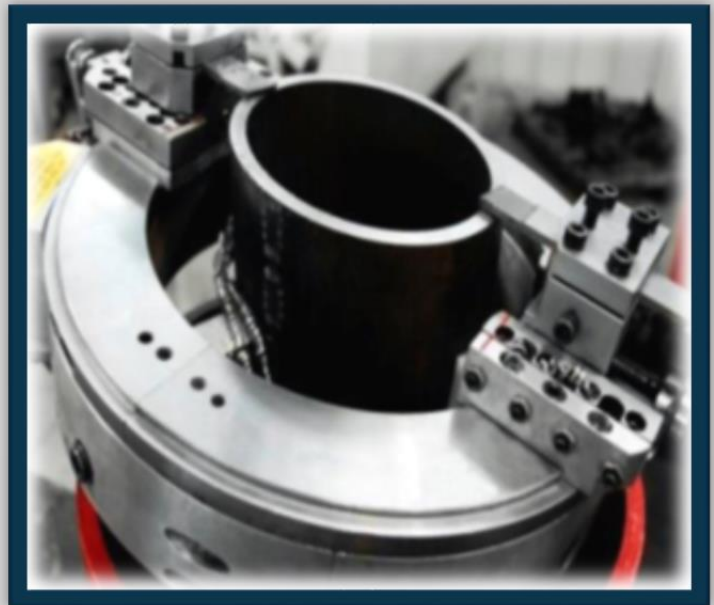


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DELTA provides the best sources of tools to handle the customer Tubular Products DELTA ENGINEERING SERVICES quality of casing cold cutter from 6" to 30"



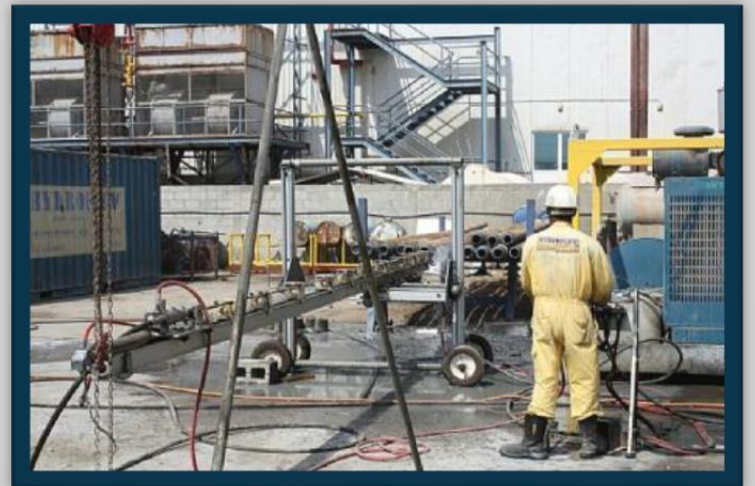




We provide Cleaning for OD & ID Surfaces of the Pipe and Wire Brushing



We also provide Cleaning of inside ID With high Water washer and rattling to remove Cement.





## DELTA TRAINING CENTER

Through years of field experience our staff is more than qualified to give training courses to enhance your team's skills and safety awareness with specialized training programs. We offer comprehensive training courses in:

### HSE Trainings

DELTA Training Center offers extensive **HSE Training** courses and Certificates in:

- OSHA foundation
- IOSH
- ISO

DELTA Training Center also offers thorough lectures in:

- H2S Awareness
- Firefighting
- First Aid

Where Certification is issued upon course completion





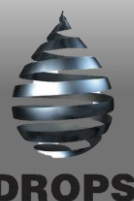
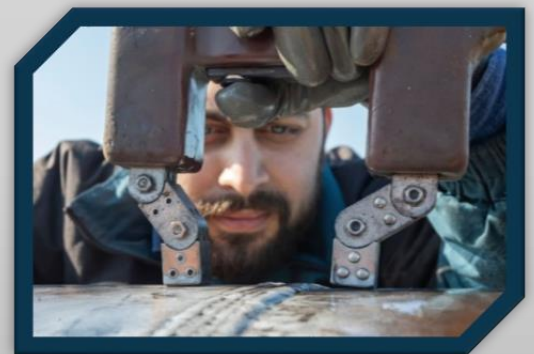


## NDT Training

DELTA offer a comprehensive training course for the 5 testing methods

1. Visual Test (VT).
2. Magnetic Test (MT).
3. Penetrant Test (PT).
4. Ultrasonic Test (UT).
5. Radiography Test (RT).

This course presented by our seasoned professionals goes over the basics of NON-DSTRUCTIVE TESTING, Terminology, Testing Equipment and Testing Methods.



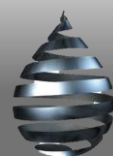




## Lifting Operations Training

DELTA also offer Training Courses for Lifting Operators:

- **LIFTING SUPERVISOR TRAINING**
- **BANKS-MAN TRAINING**
- **RIGGERS TRAINING**
- **Crane Operators**
- **Forklift Operators**



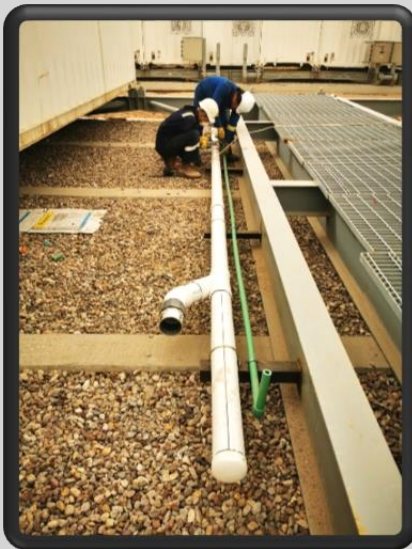
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## Portable cabins construction

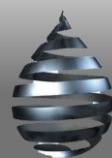
At DELTA, we offer our services for designing and constructing high-quality portable cabins tailored to meet your needs. Whether you require a temporary office, a comfortable living space, or a versatile solution for your construction site, our portable cabins offer the perfect blend of durability and functionality.



Before



after



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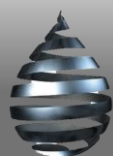
# Logistics Services

## 1 Supply Chain Services



DELTA has capability to assist Clients for Industrial Instrumentation & Electrical Items, Mechanical items listed below but not limited to. We can assist as per our client requirements.

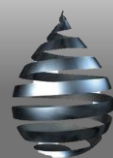
1. - DIGITAL MULTIMETERS, CLAMP METERS, MEGGERS, POWER SUPPLIES, INSULATION TESTERS
2. - WELDING MACHINES, WELDING ROD OVENS
3. - HART COMMUNICATOR, MULTI-FUNCTION PROCESS CALIBRATORS
4. -PNEUMATIC TEST PUMP: 40 BAR
5. -DIGITAL PRESSURE GAUGE: 40 BAR & 700 BAR
6. -BENCH TYPE PRESSURE TEST PUMP: 700 BAR
7. -DRY BLOCK TEMPERATURE CALIBRATOR: 0 TO 650 DEG C
8. - DIGITAL THERMOMETER
9. - K-TYPE THERMOCOUPLE
10. - N-TYPE THERMOCOUPLE
11. - IR TEMPERATURE CALIBRATOR: 700 DEG C
12. - IR THERMOMETER/GUNS
13. - TORQUE WRENCH CALIBRATOR
14. - ALL TYPES OF TORQUE WRENCHES
15. - SOUND LEVEL CALIBRATOR & METERS







16. - MULTI LOOP CALIBRATOR
17. - pH SOLUTIONS (4.01, 7.01, 10.01, 14.01) & CONDUCTIVITY SOLUTIONS
18. - MIX GAS CALIBRATION CYLINDER
19. - H<sub>2</sub>S GAS CYLINDER: 25 PPM
20. - CH<sub>4</sub> GAS CYLINDER: 50%LEL
21. - REGULATOR FOR CALIBRATION GAS CYLINDER
22. - ALL TYPES OF TRANSMITTERS (PRESSURE, TEMPERATURE, LEVEL, FLOW)
23. - ALL TYPES OF VALVES (CONTROL VALVES, GATE VALVES, GLOBE VALVES)
24. - ALL TYPES OF SWITCHES (PRESSURE, TEMPERATURE, LEVEL, FLOW)
25. - PORTABLE & FIXED GAS DETECTORS (H<sub>2</sub>S, LEL, MULTIGAS, AREA GAS MONITORS)
26. - ALL TYPES OF ELECTRICAL WIRES & CABLES, JUNCTION BOXES
27. - ALL TYPES OF SCBA, EEBA.
28. - ALL TYPES OF FIRE EXTINGUISHERS (DCP, CO<sub>2</sub>, FOAM)
29. - ALL TYPES OF GASKETS
30. - STAINELSS STEEL & GALVANIZED WIREMESH
31. - FLAT BARS STAINELSS STEEL & GALVANIZED
32. - GRATINGS
33. - FENCING MATERIALS



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# DELTA is an exclusive supplier for “McKat” lifting accessories

With a complete range of McKat lifting equipment that prioritize your safety. Our superior quality of raw material is carefully chosen resulting in lifting accessories that are consistent and reliable. Each lifting accessory unit undergoes a strict quality inspection and testing process as per international standards giving our customers worldwide the best choice to work with in a safe environment. DELTA also supplies heavy machinery with different capacity and specifications. Some of the lifting equipment we provide:

## Lifting Machines:

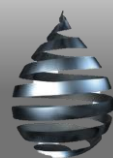
- Mobile Cranes
- Manlifts
- Truck mounted Manlifts
- Overhead Cranes
- Air winches
- Forklifts

## Lifting Accessories:

- Wire Rope Sling and Webbing Sling
- Chains and Chain slings
- Shackles
- Beam- and Plate Clamps
- Eye bolts & Swivel Rings
- Hoist Rings
- Wedge Sockets
- Safety Harnesses
- Spreader Beams
- Hooks
- Pad Eyes and Bolts

## Lifting Equipment:

- Containers
- Skids
- Skips
- Drum racks
- Baskets
- Pipe racks
- Big bags



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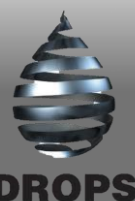
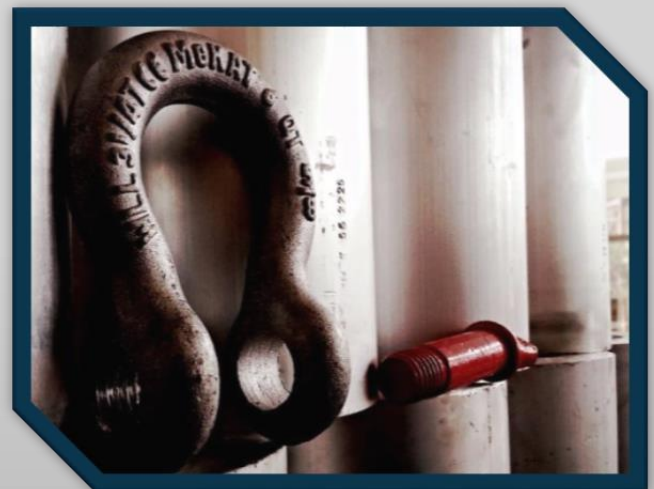
DELTA also offers its services to customize lifting slings for a multitude of lifting, hoisting, towing, anchoring and other applications. Our fabricators can combine the specified chain, wire rope and wire mesh with the standard, custom or customer-supplied hardware needed to make your project a success.

Also we can supply different sizes & capacities of lifting accessories like chain slings, shackles, master links, hooks, chain blocks, bully, wire webbing,



To accommodate a wide range of lifting applications, industrial splicing & sling can manufacture lifting wire rope slings and wire rope assemblies to your project's exact specifications. From chain slings and wire rope lifting slings to crane boom pendants and wire mesh slings, our experts will assist you with your lifting needs.

We also offer synthetic nylon and polyester webbing slings and synthetic round slings.







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