



GRUPO
HIRGUI
Comprometidos por su Confianza

Products and Services Brochure

2021



ABOUT US

We are a company committed by your confidence in products and services we commercialize.

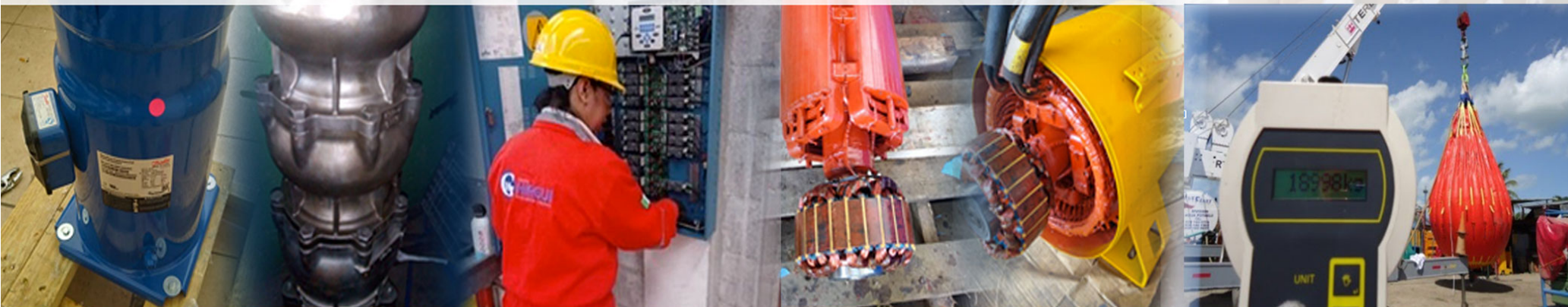
We have an ample product portfolio which surely is going to satisfy all of your necessities.

Our Offering



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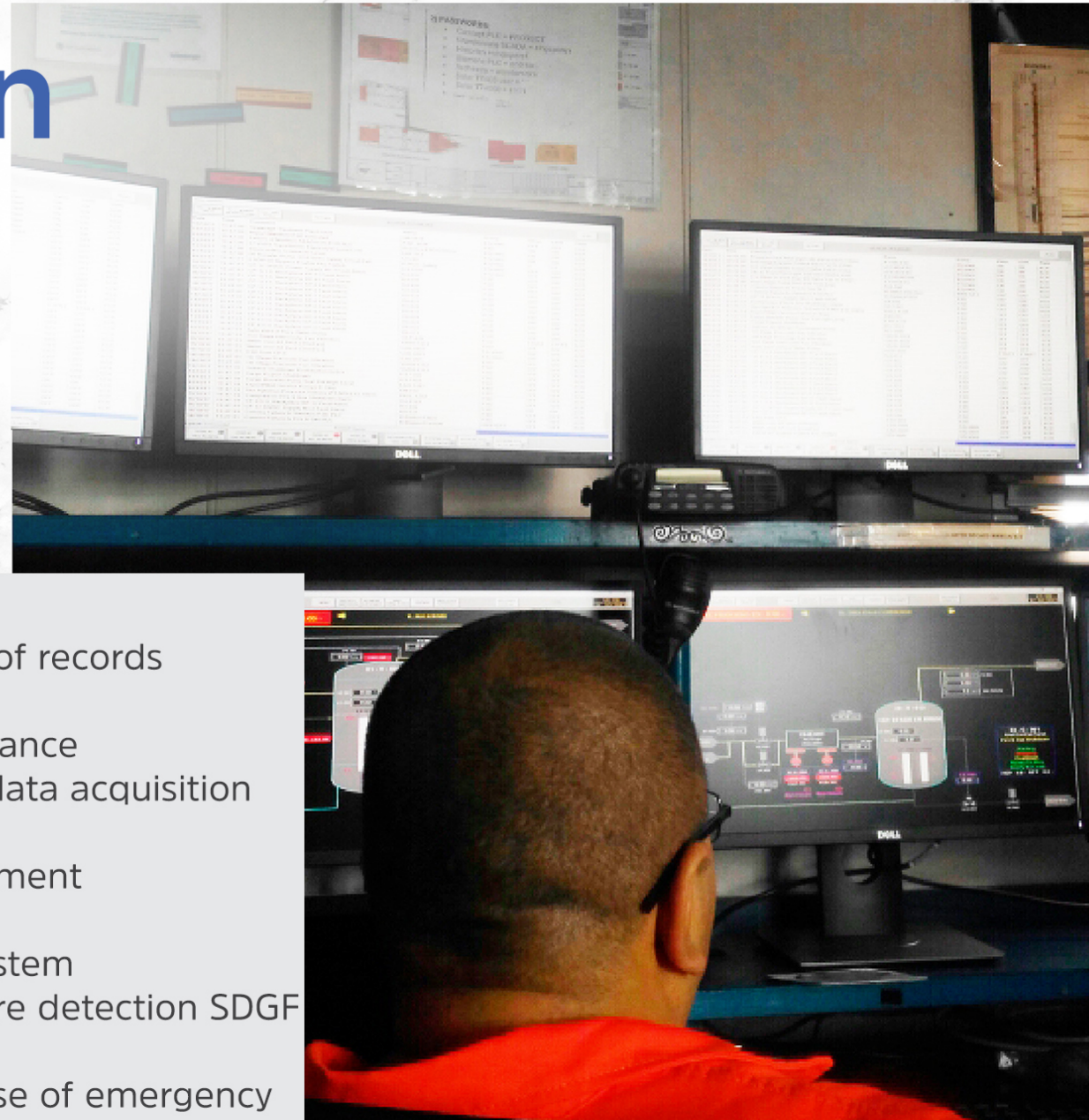
| SERVICES + SUPPLIES |



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Automation

We integrate, automate and put efficiently control systems and instrumentation into operation.



- Monitoring of variables in real time
- Consulting and graphic visualization of records
- Consulting of real and record alarms
- Operational procedures and maintenance
- Architecture of communication and data acquisition
- Security levels management
- Screen and graphic libraries development
- Generating dynamic reports
- Interface development for SCADA System
- Interface development for gas and fire detection SDGF Systems
- Interface development for stop in case of emergency SPPE Systems

Instrumentation

We provide, install and give maintenance to all instruments which are a vital part of our customers usual operations.



We provide measuring instruments of process variables

Corrective Maintenance, Replacement

- Pressure Measurement
- Temperature Measurement
- Level Measurement
- Flow Measurement
- Detection devices of MSA Gases
- Fuel Gas Detection
- Toxic Gas Detection
- Flame Detectors

Electricity

We counted on the services that the industry requires:

- Electric motors maintenance
- Motor windings
- Preventive maintenances to transformers
- Electrical tests
- Generators, further repairs and windings maintenance
- Board, starters, and circuit maintenance
- Major and minor maintenance of submersible electrical pumps



1

2

3

Mechanic

Maintenance to rigs and vessels critical systems.

- Moto generators
- Hoisting system
- Hydraulic and pneumatic torque wrench
- Swivel
- Top Drive
- Hydraulic power units
- Well pump repairs
- Mud pumps, centrifuges, shale shakers
- Solids control equipment
- Manufacture of special parts a round

Suppliers

We offer a variety of electrical products, instrumentations, control and process to complement services that the industries require.


We commercialize products of highly positioned brands in Oil&Gas market in the categories:

- Connection terminals
- Power sources
- Electrical conductors
- Connectors
- Stainless Steel
- Enclosures
- Switch panels
- Audible and visible alarms
- Programmable logical controllers
- Deluge valves
- Fuel gas detectors
- Toxic gas detectors
- Drilling tools



MSA ULTIMA® XIR

Humidity detector, carbon dioxide

- 
- The background of the slide is a collage of industrial images. On the left, there are several large spools of white cable, with one prominently featuring the 'Parker' logo. On the right, there is a faded image of a forklift operator wearing a hard hat and safety vest, driving a forklift. The overall theme is industrial and manufacturing.
- Connection terminals
 - Power sources
 - Electrical conductors
 - Connectors
 - Stainless Steel
 - Enclosures
 - Switch panels
 - Audible and visible alarms
 - Programmable logical controllers
 - Deluge valves
 - Fuel gas detectors
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We Supply World-wide Quality Products

SAER[®]
ELETTROPOMPE


PELEGRINI[®]
MARINE EQUIPMENTS

MSA
The Safety Company

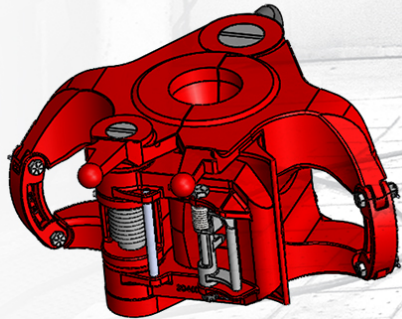
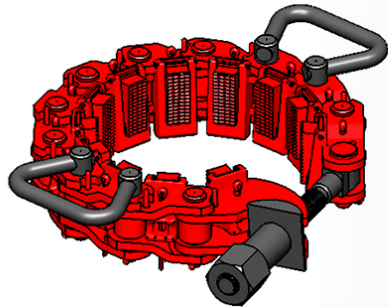
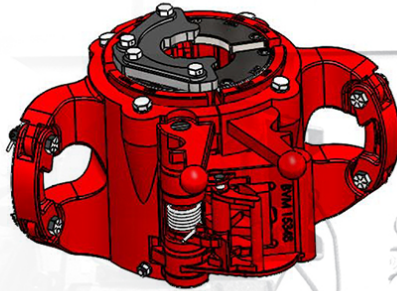
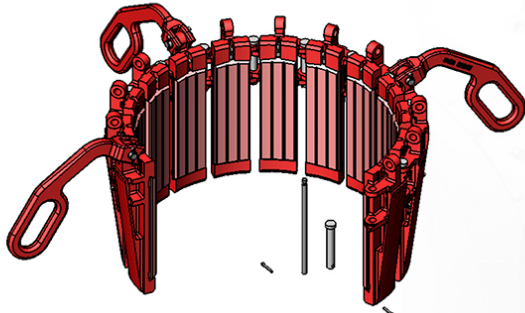
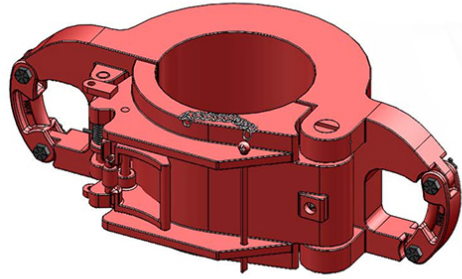
 Sea
Recovery[®]



BVM
CORPORATION
USA

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Drilling Tools



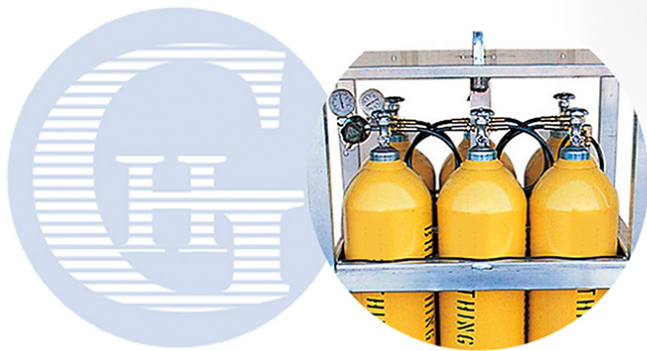
BVM
CORPORATION
USA

RESPIRATORY PROTECTION SERVICES

Sale, maintenance, and leaning of respiratory protection equipment, extinguishers, fixed and portable gas detection.

Breathing air cascade system with capacities of 2216, 4500 or 6000 psi. Cylinders and Racks separately.

Available systems for 2, 4, 6 , and 8 cylinders.
Hoses and Respirators available
Serie CBA



Maintenance

Repair service and adjustments in hydraulic force wrenches.

- Major maintenance service
- Repairs and modification in their functions
- Preventive maintenance
- Preventive and corrective maintenance to hydraulic, pneumatic and manual scissor lifts



Maintenance Service to Top Drive System

- Rotation system
 - Preventive maintenances, fault correction to Top Drive system. Nov, Canrig, Tesco.
 - Drilling rotary table

Circulation System

- Mud pumps
- Stand pipe
- Mud hoses
- Swivel
- Wash pipe

Hoisting System

- Travelling block
- Drawworks

Solids Control Equipment

Solids Control Equipment

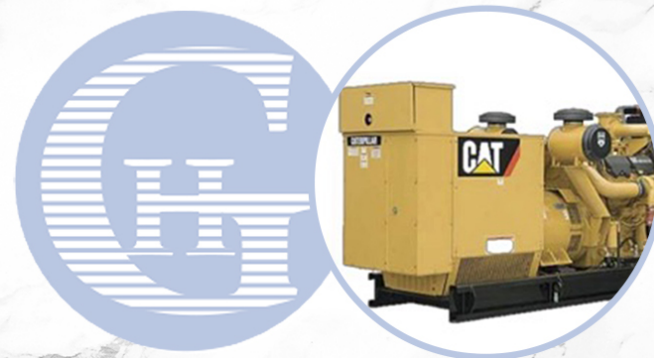
- Mud dam system
- Desgasifier
- Mud gas separator

Hydraulic Tightening Equipment

- Blowout preventer
- Flange
- Valves

Power and Safety System

- Generators
- Emergency power



BOP'S Control Unit

- Choke assembly
- Valves
- Rings
- Instrumentation calibration
- Mud pumps

- Calibration
- Maintenance to Ram-lock valves
- Maintenance to acumulators





Non-destructive testing

Visual Inspection

Observation of faults or superficial discontinuities.
It allows control in all stages of the manufacturing process or maintenance of the facilities.

Applications

Inspection of welding and base metal in pipeline circuits
Inspection of welding and base metal in pressure vessels
Inspection of structural elements
Inspection of hoisting components
Inspection of forged parts
Inspection of gearing and bearings
Inspection of tools or drilling components

Inspection with Penetrant-Liquids

This test by penetrant-liquids is useful to detect non-noticeable imperfections and faults through visual inspections.

It can be done by different techniques:

- Visible penetrant-liquids.
- Fluorescent penetrant-liquids

Inspection with Magnetic Particles

It detects the possible discontinuities that there are not only on the surface but also in the vicinity to it. It is based on the attraction of a metallic powder applied on the surface towards the discontinuities present in the material under the action of a magnetic field.

Applications:

- Inspection of welding and base metal in pipeline circuits
- Inspection of welding and base metal in pressure vessels
- Inspection of structural elements
- Inspection of hoisting components
- Inspection of forged parts
- Inspection of gearing and bearings
- Inspection of tools or drilling components



Inspection with Industrial Ultrasound

An ultrasound beam is emitted on the object vertically to the surface to measure the time until it returns. This measurable information can be collected to detect localized or general changes in the thickness.

Aplications:

- Measurement of thickness in pipeline circuits.
- Measurement of thicknes in pressure vessels.
- Measurement of thickness in estructural elements.
- Measurement of thickness to offshore rigs
- Detection and identification of discontinuities.
- Corrosion localization and monitoring

EDDY Currents

It is used to detect surface and subsurface anomalies and faults in conductor materials.

Eddy currents also determine irregularities in the material structure

Advantages:

- To carry out the inspection is not necessary to remove the paint or anticorrosive coating.
- Exact measurements.
- Its application is possible in all kinds of metals, electroconductive and alloys.
- It is able to detect discontinuities in very small areas.

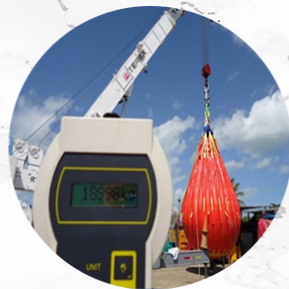


Industrial Radiography

An ultrasound beam is emitted on the object vertically to the surface to measure the time until it returns. This measurable information can be collected to detect localized or general changes in the thickness.

Inspection and Test of Offshore and Onshore Crane Loading

To verify the operating conditions, functioning and availability of the offshore and onshore cranes based on the parameter established by the applicable regulations in force. As well as its compliance with the purpose of preventing incidents and accidents that can put the physical integrity of the staff, the team, and installation at risk.



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Inspection and Replacement of Crane Lifting System Cables

The cable is a mechanical element formed by several cords of steel wound around a nucleus or soul. Therefore, a control must be taken for the detection of failures that are reached in the cables.



Wirelock Resin Application for Anchor Socket

The Wirelock resin is a chemical hybrid compound to secure cables with terminals and thus eliminate the dangers of working with melt metal terminals.



Inspection of Slewing Bearings ROCKING TEST

Slewing bearing (or slewing ring): a rotation bearing is used mainly in cranes, it can support not only the push load, but also the moment load and radial load.

A structural part has to rotate in reference to another part, on a single axis, guaranteeing the link between said parts. The ring, with the maximum stiffness provided by its own design, it has to bear and transmit the operating faces of the structure which is united.

Methods to perform the Rockin Test are:

Rotation and Tilt Methods.

25/07/2020 09:00



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Your Confidence is our
Greater Commitment.

For more information contact us
through our telephone line or send us
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