

Specialist in:
Heavy Duty Crane Components
for Extreme Conditions.

www.irizarforge.com



**IRIZAR
FORGE**

**Heavy Duty
Load Testing
Under Control**

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**IRIZAR
FORGE**

CERTIFICATIONS:



Management System
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007
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ID: 910605189



**American
Petroleum
Institute**



Lloyds Register
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HEAVY DUTY LOAD TESTING UNDER CONTROL

WHY CRANE HOOKS, SHEAVES AND HOOK BLOCKS SHOULD BE TESTED?

To comply with the latest Worldwide recognized cranes and crane mechanical components standards as EN13001-3.5 and ISO17440 and recognized rules such as TÜV, API, DNV-GL, LRS, ABS and BV.

Because crane hooks, sheaves, slings and complete hook blocks are considered safety related items and consequently all applicable tests and safety procedures must be considered.

Due to demanding rules that have been mandatory since decades in the Offshore, Nuclear and Power Generation markets, based on the criticality of the crane jobs and poor accessibility on the operating sites.

HOW DOES IRIZAR FORGE PERFORM LOAD TESTS?

IRIZAR has a specific division called IRIZAR TEST with full set of DT and NDT capabilities.

Available inside LOAD TEST BENCHES all of them calibrated by International Recognized Authorities:

100t. for XS & S components.

2.000t. for M & L components.

6.000t. for XL & XXL components.

Loads are applied with specific angle (°) and load (t) complying with specific rules and project specifications.

LOAD TEST SERVICES with EN10204-3.1, 3.2 and ILO-3 Certifications:

- PLT (Pull Load Test): over loads without reaching yield point.
- PL (Proof Loading): over loads reaching yield point by cold forming.
- MBL (Maximum Breaking Load): over load till reaching breaking load.

