

Global1

COMMITTED SERVICE PROVIDERS TO THE ENERGY INDUSTRY



Global 1

Company Profile:

Global 1 is a provider of Derrick & Mast Refurbishments, Design, Engineering Inspection, Repair and Maintenance services to the energy industry.

Global 1 main headquarters in Singapore, with a service office in Abu Dhabi to service the Middle East operation, and an office and workshop in Jakarta, Indonesia. **Global 1** was born with a vision to serve this industry with an attitude of commitment, collaboration, honesty and transparency, working with our clients as an extension of their own operations building trust and mutually beneficial working relationships.

Mission Statement:

We aim to provide our Clients with the safest, most cost efficient solutions to their Inspection, Repair and Maintenance requirements with the highest level of support and integrity available.



RIG CONDITION SURVEYS & AUDITS

- **Global 1** Rig Condition Surveys provide all the necessary information to our customers for rig contracting or rig purchasing decisions.
Global 1 survey teams carry out comprehensive surveys on all types of land and offshore drilling rigs to verify their maintenance records and current status, and its current operational capability.
- Our comprehensive inspection and audit focuses on equipment that historically causes operational downtime through bad maintenance, or component failure. Particular attention is given to all safety critical equipment elements, **Global 1** surveys ensures that the rig & equipment complies with all current industry Standards & Recommendations.
- **Global 1** can also tailor our surveys to our clients specific need & requirements.
- Global 1 Surveys include, but is not limited to, the opening of critical equipment, verification and confirmation that the equipment maintenance records have been kept up to date, and the equipment is in a reliable working condition. The survey also includes all major items of equipment to ensure a detailed examination of gear teeth, bearings, chains and ancillary parts for excessive wear, damage, cracks and other defects, and confirming correct tolerances.
- The analysis of equipment condition and standards of maintenance is always in accordance with API & IADC standards and includes the equipment manufacturer's specifications and recommendations.



An Introduction to **Global 1**

Global 1 provide Offshore / Land Rig and equipment Sales.

As specialists in Drilling Structures, **Global 1** also offers technical services, which includes, but not limited to Rig Audits, NDT, API 4F Derrick & Mast Inspections, Engineering, Design & Analysis, Fabrication, Construction, Maintenance & Repair to the oil and gas industry.

All **Global 1** personnel are Rope Access qualified, along with their individual skill set.

The **Global 1** Management team collectively have over 60 years experience in the Oil & Gas Industry, Because of this extensive experience the Management of **Global 1** are very aware that so much money had been wasted in the past, This is due to a verity of reasons such as inexperienced personnel, bad mobilisation coordination, faulty equipment etc. With the drop in the Oil Price it was felt there was a gap in the market for a company that can offer a quality product and supply experienced personnel, at a sensible cost to the operator.



Rig Repair and Upgrade

Global 1 provides Rig Repair and Upgrade services to the Oil & Gas industry. Our highly experienced project supervisors are able to supervise our rope access, multi-disciplined teams of competent, certified riggers, welders, fabricator / fitters and any other specialist skills sets required on upgrade and service maintenance work scopes.

Our in depth experience providing turnkey construction projects and solutions to the drilling industry gives **Global 1** a depth of experience and knowledge making enabling **Global 1** to carry out repair and upgrade projects, and deliver on time.

Global 1 upgrade work, and projects are supported by in-house inspection, survey, engineering. Examples of upgrade project out team have undertaken are structural reinforcement for increased Hookload of a Drilling Derrick / Mast. Installation of new drilling equipment.



Global 1 Fabrication Services

Global 1 carries out a range of fabrication projects, these projects range from General Fabrication such as High Pressure Pipe Work, to more specialist fabrication such as Drilling Derricks, Masts & Substructures replacement components, and Rig Modifications / Upgrades.

Our customers can also provide **Global 1** their drawings which we can fabricate to their requirements. **Global 1** Engineering resources are also available to our customers to assist them with their design requirements



Cat III & IV Derrick, Mast & Substructure Inspections

Global 1 recognizes that Drilling Structures support enormous loads when drilling / running casing. The American Petroleum Institute (API) recommended practice for Drilling Structures & Sub-Structure inspections and Maintenance is key to avoiding Down Time or potentially serious incidents, or in extreme cases catastrophic failure during drilling operations on or offshore.

- With our highly experienced and professional Engineers and Inspectors to carry out API RP 4G Category III and IV Derrick / Mast and Sub-Structure Inspections in accordance with API-recommended practice, our customers can be assured that their Drilling Structure has been Inspected by trained professionals, in accordance with API recommended practice, making sure the Derrick / Mast and sub-structure is fit for purpose.

Global 1 API RP 4G Category III inspection you will be advised of any members or components that are recommended for repairs or replacement. Category IV inspections **Global 1** engineering and Inspection Manager will review the work performed and verify that the equipment is in full operating condition in Accordance with manufacturer and API standards.

Global 1 Engineers and Inspectors have extensive experience in Derrick / Mast and Sub-Structure inspections, and can provide these services anywhere in the world. When they're done, you can be assured that your equipment is in accordance with both manufacturer and API standards and is signed off as fit for purpose

Full Rig Dropped Objects Survey

Global 1 cannot express enough how important Dropped Object Surveys are in the Oil and Gas Industry. Dropped Objects are a Hazard that exists Everywhere and potentially can seriously injure or Kill. Potential Dropped Objects Can Still be Prevented and Controlled by the Continuous education, Inspection and using up to date Securing methods

Global 1 experienced inspectors conduct a thorough full rig Dropped Object Survey identifying all potential items that could pose a potential issue with dropped objects

A **Global 1** complete survey will include photographic documentation, a recommendations report, and an immediate repair requirements report, (Corrective Action). **Global 1** also offers a DROPS program that can be developed from the survey's conclusion.

Dropped Object surveys need to be conducted on a regular basis and should be a regular part of planned maintenance. **Global 1** as a professional and experience company also works with our customers and their rig crews to assist with onsite training in order to increase awareness of hazards that dropped objects can cause. The goal is to reduce or eliminate incidents that put both personnel and equipment in harms way



Lifting Gear Inspections

Global 1 main focus is in giving our clients complete confidence through an specialist and experienced Lifting Gear Inspection (**LGI**) team, working with our customers for their lifting gear inspection requirements, in accordance with LOLER* regulations assuring complete operational safety of cranes, lifting gear and any other specialised lifting equipment.

Our Lifting Gear inspection services are being successfully delivered on Land and Offshore rigs, merchant vessels, as well as on pipe-laying and dive support vessels for a range of clients both in SE Asia and the Middle East.

We provide clients with the benefit of managing their lifting equipment inspections and defect reports through an online port hole, ensuring complete confidence in what we do, **Global 1** inspections are undertaken in accordance with associated legislation, with paperless tracking of lifting equipment and reports, Hard copies and electronic copies of the reports are also available upon request.

Global 1 inspection capability extends to include Non-Destructive Testing (**NDT**). All of **Global 1** inspection personnel are Irata rope access trained, inspection techniques undertaken but not limited to are listed below.

- Eddy Current
- Ultrasonic Testing
- Magnetic Particle
- Dye Penetrant
- Time of Flight Diffraction
- Acoustic Emissions (crack detection)

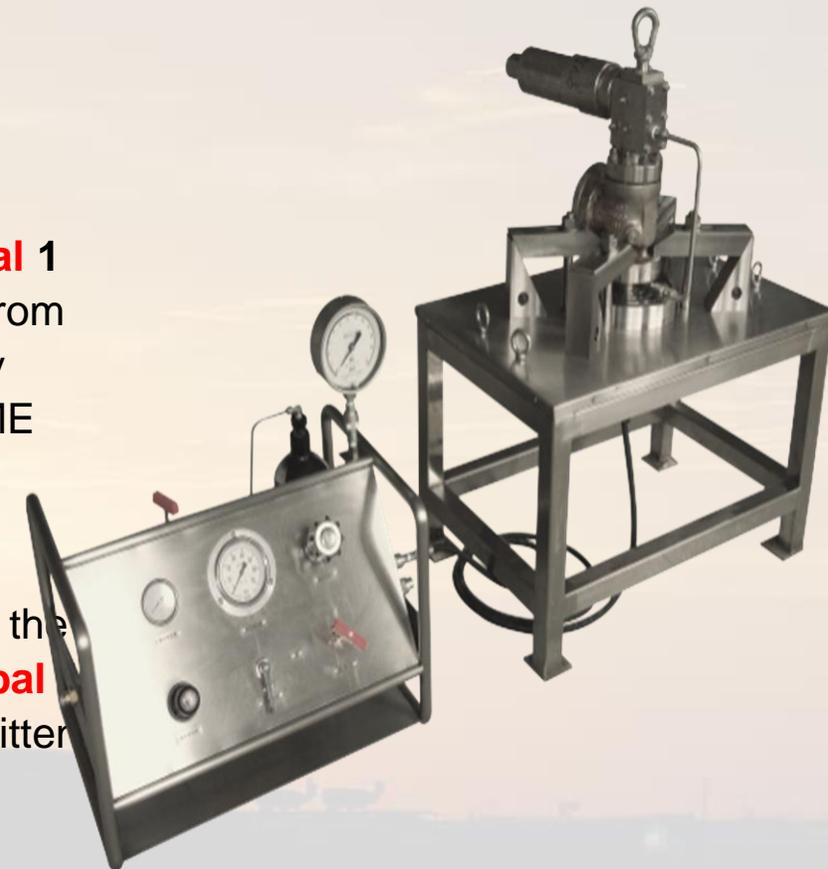


Pressure Relief Valve testing (PRV)

Global 1 provides the Oil & Gas Industry with Pressure Relief Valve testing and calibration service in compliance with manufacturers recommended practices, and international codes. **Global 1** provides 10 x 8 purpose built Pressure Relief Valve testing containers to support the PRV Testing, calibration, and certification.

Global 1 PRV testing containers help create a safe working environment for **Global 1** personnel, in a controlled laboratory; this keeps **Global 1** personnel independent from on / offshore Rig Workshops and Resources. **Global 1** PRV Technicians are highly experienced in Fluid and air pressure testing with a knowledge of the API and ASME Standards.

With a maximum capacity of 36,000 psi, **Global 1** testing teams are equipped with the skills and equipment to meet most client inspection and testing requirements, **Global 1** PRV testing is carried out in accordance with our specific risk assessments and written method statements. These will be in place prior to commencing testing operations.



Alignment Surveys

Global 1 uses the latest technology when carrying out Derrick, Mast or Guide rail alignment Surveys. **Global 1** personnel use a Total Station rather than the conventional Theodolite.

A Total Station consists of a Theodolite with a built-in distance meter (distancer), and so it can measure angles and distances at the same time. Today's electronic Total Stations all have an opto-electronic distance meter (EDM) and electronic angle scanning. The coded scales of the horizontal and vertical circles are scanned electronically, and then the angles and distances are displayed digitally. The horizontal distance, the height difference and the coordinates are calculated automatically and all measurements and additional information can be recorded.

Using a Total Station greatly reduces the time spent carrying out the Derrick or Guide rail Alignment survey, and give a greatly improved and more accurate reading, speeding up the process of rectifying the alignment of the Derrick or Guide Rails.



Global 1: Supply of Certified Rigging Loft & NDT / Lifting Personnel

- **Global 1** has Fully certified and managed lifting equipment (Rigging Lofts) on-site in service 24 hours daily
 - Inventory maintained – damaged or missing items replenished immediately (48 hours target turnaround)
 - Inventory can be tailored to meet rig specific requirement
- LEEA / NDT qualified rigging loft supervisors
 - Providing 6 monthly lifting gear inspections and reports rig – wide
 - NDT services ad-hoc as required with inspection certificates
 - Lifting plans for technical lifts as required
 - General lifting operations advice and support for the crew
 - Night Store man
 - Operational Support and Assistance
 - Tightly monitored project management with project manager regular site / office attendance
- Local co-ordination and support
- Supervisor on-site with mobile phone / on-line laptop / printer for immediate assistance and close support and self sufficiency



Rigging Loft Supply Time & Cost Savings

Cost benefit

- No more 6 monthly lifting gear inspections
- No more NDT service call-out

Time saving

- Management time
- Rig crew time
- Purchasing department time
- Stores time



Global 1 Sales & Marketing

- **Global 1** has a web page dedicated to rig and equipment sales, this is updated on a weekly basis as new rigs come in, and rigs are sold.
- **Global 1** offers prospective buyers an extensive selection of quality new and used oil & gas drilling rigs for sale. These include Land and offshore drilling rigs, and drilling equipment. We have extensive contacts in the industry to source the rig or equipment that you require.
- **Global 1** also offer marketing for our customers Drilling Rigs, with our contacts around the world we can assist in finding suitable drilling contracts to our customers Drilling Rigs



Global 1 Services Overview

- Rope Access Services
- Non Destructive Testing Inspection
- Marine Safety Services
- Engineering
- Project Management
- Asset Integrity Audits
- Decommissioning
- API Derrick / Mast & Sub Structure Inspections
- EX Surveys
- Electrical Refurbishment & Upgrades
- Dropped Object Surveys
- Rig Refurbishment & Upgrade
- General Fabrication
- Load Testing
- Lifting Gear Inspections
- Supply of Rigging Lofts
- Crane Inspection & Load Testing
- Pipe Inspection & Thickness Gauging
- PRV & Calibration Services
- Hydro Testing
- Offshore / Land Rig Sales
- Marketing

CONTACT **Global 1**

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