

SERVICE CONTENT



Inspection Services

Drilling Rig
Inspection
API CATIII &
CATIV
Survey

NDT
Inspections

Training
Services

Calibration
Services

Tubular &
OCTG
Inspection

Planning &
Supervision
of Lifting
OPERation

Crane &
Lifting
Equipment
Inspection

Dropped
Object
Prevention
Survey

SERVICE CONTENT



Inspection Services



Crane & Lifting Equipment Inspection

Lifting Equipment:

Cranes, Lifting Appliances, Lifting Gears/Accessories, Earth Equipment, Cargo Carrying Units (CCU) & Baskets, Personal Equipment (Man Basket, Elevator, etc.), Lifting Points & Pad Eyes, Hooks, Traveling, Blocks, Tongs, Slips. Elevators, Links, Swivels, Clamps.

Specification:

The applicable ASME Standards & GI's, API RP 8B, Category III, Category IV, As defined by the Manufacturer.

Scope of work:

Equipment's Identification, Visual Examination and Dimensional Inspection, NDT, where applicable before load test, Load testing, where applicable, NDT, where applicable after load test, Integrated Computerized Reports, Visual Examination of body including Connection (if any), Magnetic Particle Inspection on Critical/ Stress Areas (if accessible) of Body, Integrated Computerized Reports.

Safety Equipment:

Fall Arrestor, Safety Harness, Lad-Saf, Lanyard, etc

STC can provides any client with the below:

CCU Plate, Lifting Sling plate, Lifting Sling Tag, Inspection Sticker

SERVICE CONTENT



Inspection Services



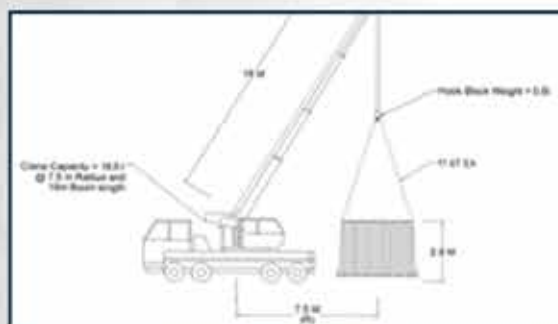
Planning and Supervision of Lifting Operations

As Lifting operations is a basic part of various fields and industries like oil and gas, Marine and constructions which have potential risks on personnel and equipment during the operations.

So, having a lifting plan which is prepared according to safety and lifting international standards and implementing it under supervision of a competent person to avoid the occurrence of these risks and save time in safe and professional way.

Lifting Plan:

is an important planning process that will identify all hazardous situations that might be encountered during lifting process according to international standards and contains the roles and practices of all persons involved in the operation like (Lifting supervisor, Banksman, Crane Operator, Rigger, Flag man, etc.,) taking ground and weather condition in consideration.



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Inspection Services



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RIG Inspection

Rig inspections, also known as rig audits, are conducted on drilling assets for both drilling contractors and drilling operators to assess the condition of an asset. Rig inspections are conducted to industry standards, such as API, as well as to specific client requirements.

Rig Inspections can be carried out both before the hiring of a drilling asset and during the contract. A pre-hire rig inspection/audit assess the condition and suitability of the asset for a drilling contract.

Services for rig commissioning are conducted prior to the equipment entering service. This can be at the end of construction or during major overhauls and five-yearly inspections.

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Inspection Services



Drilling Rig Inspection API CATIII & CATIV Survey

STC offers full API inspections in line with API-recommended practice. Our qualified engineers carry out API category IV inspections providing a complete rig inspection and survey services to identify areas of concern and help our clients to pre-plan maintenance activity and provide a scope of work that minimizes downtime for rig servicing.

The aim of this survey is to determine the present general condition and the status of the equipment in order to foresee possible problems, defects, deficiencies and to rectify them during rig operation.

NDT Inspection

Onshore & Offshore Inspection/Testing using following methods:

- Visual Inspection Test (VT)

A visual inspection is an inspection of an asset made using only the naked eye.

- Magnetic Particle Testing (MT)

(MPI) is a nondestructive testing (NDT) process for detecting surface and shallow subsurface discontinuities in ferromagnetic materials.

- Ultrasonic testing (UT)

Is a family of non-destructive testing techniques based on the propagation of ultrasonic waves in the object or material tested.

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Inspection Services



NDT Inspection

- Radiographic Testing (RT)

Radiographic Testing (RT) is a non-destructive testing (NDT) method which uses either x-rays or gamma rays to examine the internal structure of manufactured components identifying any flaws or defects.

- Penetrant Testing (PT)

Penetrant method of non-destructive testing is dedicated to detecting surface defects invisible to the naked eye.

Dropped Objects Prevention Survey

STC has been constantly working to combat dropped objects incidents. In an effort to provide our clients with better and safer working, by our inspector to compile an inventory of all potential drop items in the work area.

SERVICE CONTENT



Inspection Services



Tubular & BHA Inspection

Drill Pipe Inspection

Depending on your requirements, STC is able to provide a variety of drill pipe-related services, ranging from the basic/ standards API to critical well service standards DS1 & NS2

Bottom Hole Assembly (BHA) Inspection

We can provide BHA inspections on any drilling component used in the industry to check conformation to API RPV, T.H.Hill DS1, NS2, or any other standards requested by the client.

Consists of:

Bit Subs, MWD, fishing tools, Down Hole BHA, Reamers, Drill Collars, Heavy Weight, Drill Pipe, Cross Over Subs, Stabilizers.

BHA Types of Inspection:

Refacing, Dye Penetrate Examination, Hardness Testing, Visual Inspection, Magnetic Practice Examination, Dimensional Examination.

OCTG Inspection Services:

we can provide casing and tubing inspection, premium connections / API connections inspection, Visual thread inspection. full length API drift, full length magnetic particle examination and special end area inspection.

SERVICE CONTENT



Inspection Services



Calibration Services

- Calibration is a comparison of something to a standard. When a measurement device is calibrated, it's compared to an accepted standard and adjustments are made if necessary.
- It bases the procedures on the manufacturer's procedures.
- It is a longer, more detailed process resulting in a calibration report that gives a pass or a fail for each specific function. They adjust a device that does not meet the specifications.
- It is not one that you can not test. Incorrect measurements can cause lost time and money and could result in undetected hazardous conditions. Whether they use the equipment in laboratories, factories, on-site or even at home they must be calibrated regularly.

Calibration:

Pressure gauges, Pressure transducer, Pressure transmitter, Pressure recorders, Pressure weight indicators, Tong line pull system, Platinum resistance thermometer (digital & dial) (permanent & Onsite), All types of thermocouple thermometer with digital indicator, All types of closed volumes (Incubator, Baths, refrigerator, freezer, autoclave, dry oven and muffles).

Hydrostatic Pressure Test:

Choke manifolds, BOP 'S, Gate valves, Stand pipes, Hoses, Coflexip hosesPipes, fittings, flanges, Tanks, vessels, Safety relief valves, Direct loaded valves, Pilot valves, Mud pump Retsco valves.

Training courses

Lifting Courses - Operator Courses - Safety Courses - NDT Courses