

DRILLING RIGS AND TUBULAR INSPECTION SERVICES

COMPANY MISSION:

Our mission is to provide accurate, fair and reliable services to meet the needs of our clients in an effective and timely manner through our strong service delivery ethic in the oil and gas industry. We are always committed to fulfil client's requirement and expectations. IMMUSCO OIL-FIELD LLC provides a comprehensive and wide range of OCTG (Oil Country Tubular Goods) inspection services for inspecting Drill pipe, BHA, Specialty tools, Casing and Tubing, MWD/LWD tools, Hoisting and Handling tools, Rig mast, Sub structure and Lifting equipment. Our technical team of engineers and inspectors is fully equipped with latest techniques, skills, standards and advance inspection tools/technologies in compliance to SNT TC-1A prove to be the best in execution ensuring full adherence to regulatory standards; DS-1 Vol.3, DS-1 Vol.4, NS-2, API RP 7G, API RP 5A5, API RP 5CT, API RP 5B1, API RP 8B, API RP 7L, API RP 4G.

SERVICES:

1. OCTG/TUBULAR INSPECTION

➤ DRILL PIPE INSPECTION

Drill Pipe Tube and Tool joints inspections are carried out as per latest edition of DS-1 Vol.3 standard recommended categories and procedures using highly efficient and advance tools and equipment. Our team of inspectors is fully professional, certified, experienced and well trained with all inspection standards.

Types of Inspection:

1. Visual Connection Inspection
2. Visual Tube Inspection
3. OD Gauging Full Length
4. UT Wall thickness measurement of Tube
5. Electromagnetic Scanning of tube body
6. Magnetic Particle Inspection of Slip/upset Area
7. Ultrasonic Inspection of Slip/upset Area
8. Black light Inspection of connection

9. Heat Checking Inspection
10. Thread Profile Gauging
11. Tool Joint Dimensional Inspection



➤ **BOTTOM HOLE ASSEMBLY (BHA) AND SPECIALITY TOOLS INSPECTION**

Bottom Hole Assembly (BHA) and Specialty Tools i.e. Drill Collar, Heavy Weight Drill Pipe (HWDP), Directional drilling Mud Motor, Drilling Jar, Under reamers, Hole Openers, Roller reamers, IBOPs, Surface Safety Valves, Kelly Valves, Stabilizer, Fishing Tools, MWD/LWD Tools and Sub tools inspections are carried out as per latest editions of DS-1 standard recommended categories, procedures and client recommended procedures using the latest tools and equipment by the team of well trained and experienced inspectors.

Types of Inspection:

1. Visual Connection Inspection
2. Black light Connection Inspection
3. Thread Profile Gauging
4. Dimensional Inspection
5. Visual Body Inspection
6. Magnetic Particle Inspection

7. Dye Penetrant Inspection

8. Heat Checking Inspection (HWDP Only)

9. Ultrasonic Flaw Detection of Connections

10. Slip Groove Inspection

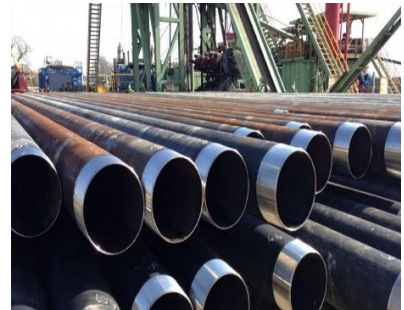
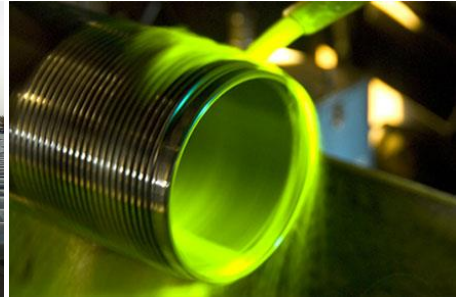


➤ **CASING AND TUBING INSPECTION**

We are providing specialized inspection services for casing and tubing according to the procedure of API-5CT, API-5A5, 5B1 and other specific procedures provided by the clients.

Types of Inspection:

1. Visual Threads Inspection
2. API Full Length Drift Testing
3. Thread Profile gauging
4. Ultrasonic Wall Thickness Measurements
5. Visual Tube Inspection



2. RIG MAST AND SUBSTRUCTURE INSPECTION

We provide inspection and certification services of Rig mast and Sub Structure according to API RP 4G CAT-III and CAT-IV along with OEM applicable specifications in order to maintain the serviceability of drilling and well servicing structures.

- RIG MAST/DERRICKS AND ACCESSORIES



➤ SUB STRUCTURES AND ACCESSORIES



3. HOISTING AND HANDLING TOOLS INSPECTION

Hoisting and handling tools CAT-III and CAT-IV inspections are carried out according to the API standards API RP-8B and API RP-7L along with OEM applicable specifications.

- SLIPS AND ELEVATORS
- TOP DRIVE SYSTEM (TDS)
- DRAW WORKS

- CROWN BLOCK
- TRAVELING BLOCK AND HOOKS
- DEAD LINE ANCHOR
- ROTARY TABLE
- MANUAL AND POWER TONGS
- INSERTS
- SAFETY CLAMPS
- LINKS
- IRON ROUGH NECK



4. LIFTING GEAR INSPECTION

We are providing inspection and certification for your lifting equipment and accessories.

- WIRE ROPE SLINGS
- CHAIN AND CHAIN SLINGS
- WEBBING SLINGS
- SHACKLE
- HOOKS
- FORK LIFT
- TURN BUCKLES
- SAFETY HARNESS
- SWIVELS
- AIR WINCHES
- LOAD TESTING
- AND OTHER RELATED ACCESSORIES



5. CONVENTIONAL NDT SERVICES

- ELECTROMANGENTIC INSPECTION (EMI)
- MAGNETIC PARTICLE TESTING (MPI)
- ULTRASONIC FLAW DETECTION (UFD)
- DYE PENETRANT TESTING (DPT)
- ULTRASONIC THICKNESS GAUGING
- HARDNESS TESTING

6. ADVANCE NDT SERVICES

- PHASED ARRAY ULTRASONIC TESTING (PAUT)
- TIME OF FLIGHT DIFRACTION (TOFD)
- Eddy Current Inspection (ECT)
- BOROSCOPY REMOTE VISUAL INSPECTION (RVI)
- POSITIVE MATERIAL IDENTIFICATION (PMI)
- VIBRATION ANALYSIS