

# Drilling Rig and Derrick Inspection and Evaluation Technique

The drilling rig and derrick inspection and evaluation technique is used for non-destructive test as well as dynamic and static stress test so as to detect defects. It is the most scientific and reliable method of inspection and evaluation and also an important technical means to ensure more safe operation of drilling rigs and derricks. Anton Inspection Company is one of a few independent third-party inspection body in China that has the capability in this respect.

## Technical Characteristics

- Comprehensive inspection and evaluation scheme, in which warning and suggestions are proposed in a systematic manner;
- Dynamic and static testing data software analysis model established under the effect of hook load for comprehensive safety evaluation;
- Customized modular inspection schemes, which can satisfy the field demands of customers.

## Scope of services

- Drilling rigs and ancillary facilities both at home and abroad;
- Workover rigs and ancillary facilities both at home and abroad;
- Post-accident and post-recovery drilling rigs, workover rigs and ancillary facilities.

## Qualifications

- API Q1 Certification;
- CNAS testing laboratory accreditation;
- 20 professionals with ASNT certifications, 60 professionals with certifications from the Chinese Society for Nondestructive Testing (ChSNDT) and 15 professionals with certifications from China Association of Special Equipment Inspection;
- 63 sets of inspection equipment involving UT, MT, magnetic leakage, phased array, sound emission and hardness;
- 12 inspection teams with annual capacity of 300 times.

## Performance

- Served in Central Asia, South America, Middle East and the major fields in China;
- Inspected 172 drilling rigs, workover rigs and ancillary facilities.

