API RP 4G

Masts/Derricks/Substructures

API RP 4G: How it Applies
What We Want
What We Don’t Want
What is Acceptable

2007 Maxima

CAR FAX
Operators Interest in API RP 4G

Similar to Real Estate:

Documentation

Documentation

Documentation
Objective of RP4G

The objective of this publication is to give guidelines and and establish recommended procedures for inspection, maintenance and repair of items for drilling and well servicing structures, in order to maintain the serviceability of this equipment.

These recommendations should be considered as supplemental to, and not as a substitute for, the manufacturer’s instructions and recommendations in the most current edition of the API RP 54 Recommended Practices for Occupational Safety and Health for Oil and Gas Well Drilling and Servicing Operations.
Inspection Details

- Specific Time Intervals
- Measureable Wear Limits
- Non-Performance of Equipment
- Environment Issues
- Experience (History)
- Regulatory Requirements
- Equipment Damaging Incident
Categories of Inspections

- Category 1
- Category 2
- Category 3
- Category 4
Proper Handling, Storage and Inspections

• Pad Eyes
• Load Area
• Wear
• Temperatures
Location Preparations

- Soil Integrity (Load Bearing Capacity)
- Guy Wire and Anchoring
- Contractor and Operators Responsibilities
- Cellar Preparation
- Drainage
• Appendix A – Drilling Masts
• Appendix B – Well Servicing Masts
• Appendix C – Drilling Derricks
• List for Repair or Replacement Limits (guideline)
Recap

Questions?

Answers?