

Maintenance & Reliability Optimization

PLANNED

REACTIVE

Fix it after it Breaks

- Costly
- Risk
- May be Strategic

PREVENTIVE

Scheduled by Time

- Reduce Failure
- Costly
- May Cause Damage

CONDITION
BASED

Objective Measure

- More Effective
- Reduces Failures
- Reduce Capital

PROACTIVE

Pre-Operational Action
to Eliminate Sources

- Effective
- Minimizes Failures
- Reduce Maintenance

RELIABILITY
DRIVEN

Design to Eliminate
Source of Failure

- Most Effective
- Eliminate Failures
- Minimize Maintenance

Maintenance Reliability Engineering Best Practices

Tao Wei



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