

Risk Based Inspection Services

Optimized inspection, maintenance strategies and enhanced safety

Risk based inspection (RBI) planning is now becoming an accepted tool for establishing the type, extent and frequency of inspection of plant assets, based on an assessment of likelihood of failure and consequences.



Reksolindo's RBI planning services include:

- Qualitative and quantitative RBI approaches for systematic identification of relevant damage mechanisms and consequences of failure for plant assets
- Optimum selection of inspection strategies and other controls, to ensure plant integrity is successfully managed
- Development of non-intrusive inspection strategies to minimize plant downtime
- Safety case development for extended inspection intervals, non-intrusive inspection strategies and extending plant life
- Methodologies consistent with National Standards, including API-581
- Software tools to assist with RBI planning, risk ranking and inspection data management.

Benefits include:

- Improved plant availability, by minimizing downtime
- Non-intrusive inspection strategies
- Enhanced safety
- More effective inspection programmes

