

Reliability Engineering for Operating Plant Training Workshop Day 2

First 24 Screens from 120 Screens in Day 1 Reliability Engineering for Operating Plant Best Practices, Strategies and Fundamental Techniques Training Course

The screenshot displays a Microsoft PowerPoint presentation in Compatibility Mode. The title bar reads "Day2_Reliability_for_Operating_Plant.ppt [Compatibility Mode] - Microsoft PowerPoint". The slide grid contains 24 slides, numbered 1 through 24. The slides cover various topics in reliability engineering, including:

- Slide 1:** "Reliability Engineering for Operations Plans - Agenda" with a list of topics like Maintenance Strategy, Risk of a Rel. Eng, Reliability Theory, Data Analysis, and Criticality.
- Slide 2:** "What makes a Productive Equipment Life?" featuring a graph of equipment life over time.
- Slide 3:** "Maintaining Life Cycle Profile" with a graph showing the typical life cycle of an asset.
- Slide 4:** "When Operating Costs are Committed" showing a graph of costs over the life cycle.
- Slide 5:** "Project Management - Evaluation" with a graph of project performance.
- Slide 6:** "Hidden Costs" with a diagram of hidden costs in maintenance.
- Slide 7:** "Mastering the Maintenance Process" with a flowchart of maintenance activities.
- Slide 8:** "Mastering the Maintenance Process" with a diagram of maintenance planning.
- Slide 9:** "Mastering the Maintenance Process" with a diagram of maintenance execution.
- Slide 10:** "Photograph" showing an image of a chemical plant with text describing its scale.
- Slide 11:** "Change Control - Compliance" with a diagram of change control steps.
- Slide 12:** "Mastering the Maintenance Process" with a diagram of maintenance optimization.
- Slide 13:** "Mastering the Maintenance Process" with a diagram of maintenance scheduling.
- Slide 14:** "Mastering the Maintenance Process" with a diagram of maintenance resource allocation.
- Slide 15:** "Mixing of Different Distributions" with a graph of different probability distributions.
- Slide 16:** "Mixing of Different Distributions" with a graph of mixed distributions.
- Slide 17:** "Scheduled Replacement vs On-Condition Replacement" with a comparison of the two strategies.
- Slide 18:** "So if Scheduled Replacement is 'Our' what is 'The'?" with a diagram of replacement strategies.
- Slide 19:** "Hazard/Obsolescence Balance" with a diagram showing the trade-off between hazard and obsolescence.
- Slide 20:** "The Life of an Item" with a graph showing the life cycle of an item from procurement to disposal.
- Slide 21:** "Degradation Rate vs Temperature" with a graph showing the relationship between temperature and degradation rate.
- Slide 22:** "To Maximize Life with Minimum Risk Measure, Diagnose, Predict and Repair" with a graph of risk over time.
- Slide 23:** "Inspection Intervals" with a table of inspection intervals for different asset types.
- Slide 24:** "Progress - Case Study/Failure Mechanism Based" with a diagram of failure mechanisms.

The bottom of the screen shows the PowerPoint interface with a slide sorter, a status bar indicating "Default Design" and "English (Australia)", and a zoom level of 30%.