

# Reliability Engineering for Operating Plant Training Workshop Day 1

## First 24 Screens from 159 Screens in Day 1 Reliability Engineering for Operating Plant Best Practices, Strategies and Fundamental Techniques Training Course

The screenshot displays a Microsoft PowerPoint presentation window with the title bar "1Reliability\_for\_Operating\_Plant\_Day1.ppt [Compatibility Mode] - Microsoft PowerPoint". The main area shows a grid of 24 slides, numbered 1 through 24. The slides contain various diagrams, charts, and text related to reliability engineering. Key topics include:

- Slide 1:** Typical Reliability Engineer Role Profile
- Slide 2:** Roles Obtaining the Balance (Past, Now, Future)
- Slide 3:** Journey to Maintenance Excellence
- Slide 4:** What is a Defect?
- Slide 5:** Defect Elimination
- Slide 6:** The Trouble with Accepting a Defect
- Slide 7:** Effect of Defect Elimination
- Slide 8:** Where do failures start?
- Slide 9:** Reliability of Series Systems
- Slide 10:** Parallel Process Reliability
- Slide 11:** Can we get 10000% defect errors?
- Slide 12:** Remove the Variability
- Slide 13:** What chance variation does...
- Slide 14:** Precision Maintenance - Reversing Weak Links
- Slide 15:** Typical Standards for Precision Maintenance Programs
- Slide 16:** The Degradation Cycle
- Slide 17:** Root Cause Analysis (RCA)
- Slide 18:** 5 Why Method
- Slide 19:** Incident/Outage Management
- Slide 20:** Reliability Improvement "Vihars"
- Slide 21:** Reliability Engineering Context
- Slide 22:** 5 Step Reliability Improvement Process
- Slide 23:** (Title partially obscured)
- Slide 24:** (Title partially obscured)

The bottom of the window shows a slide sorter, the current slide title "Default Design", the language "English (Australia)", and a navigation bar with icons for back, forward, and search.