



PD799

Advanced topics In Design of Nuclear Components

Day 1

- Design by Analysis Basis: 'Criteria Document' and examples
- Design/Level A,B,C,D & Test: Hopper Diagrams (NB/NC/NE/NG -3000)
- Limit Load Solutions in Nuclear Pressure Vessel Design Calculations
- Elastic-Plastic Solutions in Nuclear Pressure Vessel Calculations
- Alternate Methodology in Stress Indices Calculation for Piping Analysis
- Fatigue Analysis with examples in NB-3200 & NB-3600

Day 2

- Dynamic Loading in Nuclear Structures
- Missile impact Scenarios
- Water Hammer Analysis with examples
- Exercises in Dynamic Loading