



## **PD621**

### **Grade 91 and Other Creep Strength Enhanced Ferritic Steels**

- Intro
- History of Grade 91 & CSEF Steels
- Metallurgy
- Processes - Creep Strength Enhanced Ferritic Steels
- Welding Creep Strength Enhanced Ferritic Steels
- Failures Related To Design and Processing in the Creep Strength Enhanced Ferritic Steels
- Inspection Issues – Creep Strength Enhanced Ferritic Steels
- Assessment of Inspection/Test Results and Determination of Remaining Component Life
- The CSEF Steels & Changes to ASME Code
- Steamline Piping Issues