

DG4 - Transmission elements: Couplings and Alignment, Gears

Instructors: Gaspare Maragioglio (Baker Hughes, a GE Company), Chris Woldford (Altra Engineering)

Suggested Topics:

- Coupling guard design
- Shaft alignment and tolerances
- Balancing methods
- Coupling selection and specifications
- Shaft alignment methods
- Thermal growth considerations
- Application of optical alignment
- Hub/shaft fits and keys
- Coupling types and applications
- Startup problems
- 8th Edition recommendations
- Allowable nozzle loads
- Warmup piping procedures
- Case deflection, temperature, and pressure
- Piping alignment
- Pipe strain