











PCC-1 Guidelines for Pressure Boundary Bolted Flange Joint Assembly

- First Edition 2000
- Used to develop joint assembly procedures
 - Snug up bolting
 - Tighten to 20% of target torque using cross pattern
 - Tighten to 50 to 70% of target torque using cross pattern
 - Tighten to 100% of target torque using cross pattern
 - Continue tightening to 100% target torque using rotational pattern until no movement
 - Wait 4 hours or longer and repeat rotational pattern to 100% target torque until no movement















































































































