



Taper/Taper adhesive-bonded Joint



2000 psig Water-Flood Injection using Bondstrand® pipe and fittings with High Pressure Taper/Taper Bonded Joint

This is the first high pressure GRE project ever installed in Thailand; therefore, very stringent quality and Inspection procedures were implemented. Field test pressure performed at 3000 psig, which surpassed requirements of API 15 HR.

Corrosion of steel lines occurs due to the oxygen content in produced water, along with the corrosive nature of the salt in the water. Bondstrand GRE composite piping can be expected to have a minimum service life of 20 years, as designed for this project. This translates into favorable CapEx and OpEx project economics.



Location

SIRIKIT Field, North Thailand

Client

PTTEP-Siam, Thailand

Pipe system

Bondstrand 2400, 2000 psig with HP Taper Weld.
Diameter: 150 mm (6 inch)

Bondstrand 2400, 1800 psig with HP Taper Weld.
Diameter: 200 mm (8 inch)

Service conditions

Pressure: 1650 to 1800 psig.
Temperature: 45 to 55 °C

Design standard

ISO 14692, API 15 HR

Installation date

2007