



INSTALLATION DATE: 2025

CUSTOMER: WOOD / EQUINOR BRAZIL

LOCATION:

FPSO Peregrino, Peregrino Oil
Field Offshore Brazil

LINES SIZES AND MATERIAL:

2" SCH10 Duplex 2205

SYSTEM MEDIUM:

Vent Gas Condensate and
Hydrocarbons

SPECIAL COMMENTS OR NOTES:

Equinor's FPSO Peregrino had a critical 2" line damaged after suffering an impact during cargo handling operation. They temporarily repaired it with composite wrapping, but were in need of something more permanent. One important requirement, though: No hot work; that would necessitate setting up a welding habitat, isolating the line to carry out purging, setting up fire watch, obtaining a hot work permit and then performing the welding. The cost and time involved by using this option is just too great to justify. One of the Peregrino's maintenance managers recommended PYPLOK®, as he had previous experience with their products. Additionally, PYPLOK® is the only non-welded fitting available in Duplex material, in the TR-3016 specification, and is approved by Equinor. After removing the damaged portion, installers used two 2" PYPLOK® couplings along with a new spool of 2" SCH10 pipe to connect the line. The installation was quickly executed by an on-site mobilized contractor and did not produce any spark, heat, or ignition source, resulting in a safe and clean connection. This cost-effective and quick pipe repair is sufficient to be deemed a permanent connection by the owner.

CASE STUDY

wood. equinor 



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