
API Recommended Practice 17R

Recommended Practice for Flowline Connectors and Jumpers

FIRST EDITION | MARCH 2015 | 52 PAGES | \$120.00 | PRODUCT NO. G17R101

This recommended practice (RP) addresses specific requirements and recommendations for subsea flowline connectors and jumpers within the frameworks set forth by recognized and accepted industry specifications and standards. As such, it does not supersede or eliminate any requirement imposed by any other industry specification.

This RP covers subsea flowline connectors and jumpers used for pressure containment in both subsea production of oil and gas, and subsea injection services. Equipment within the scope of this document is listed below.

- Equipment used to make the following subsea connections are included:
 - pipeline end terminations to manifolds,
 - pipeline end terminations to trees,
 - pipeline end terminations to riser bases,
 - manifolds to trees,
 - pipeline inline sleds to other subsea structures.
- The following connection components and systems are included:
 - jumper assemblies,
 - monobore connectors systems,
 - multibore connectors systems,
 - pressure and flooding caps,
 - connector actuation tools.

The following components and their applications are outside the scope of this RP:

- subsea structures,
- hydraulic, electrical, and fiber optic flying leads,
- umbilicals,
- pig launcher/receiver equipment,
- specialized ROV and other tooling.

Equipment for use in high-pressure high-temperature (HPHT) environments is beyond the scope of this document (see API 17TR8 for guidance on subsea HPHT applications).

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