

# Standard for Repair and Remanufacture of Drill-through Equipment

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# Standard for Repair and Remanufacture of Drill-through Equipment

## 1 Scope

This standard specifies requirements for repair and remanufacture of drill-through equipment built under API 16A. This standard also applies to repair and remanufacture of drill-through equipment manufactured to API 6A requirements and produced prior to the existence of API 16A.

This standard also covers the testing, inspection, welding, marking, certification, handling, storing, and shipping of equipment repaired or remanufactured per this standard.

Repair and remanufacture under this standard includes all remanufacture and all repairs.

This standard is applicable to and establishes requirements for the repair and remanufacture of the following specific equipment:

- 1) ram blowout preventers (BOPs);
- 2) ram blocks, operators, packers, and top seals;
- 3) annular BOPs;
- 4) annular packing units;
- 5) hydraulic connectors;
- 6) drilling spools;
- 7) adapters;
- 8) loose connections;
- 9) clamps;
- 10) API 6A flanges;
- 11) other end connections (OECs).

Dimensional interchangeability is limited to end and outlet connections. Simplified examples of surface and subsea equipment defined by this standard are shown in Figures 1 and 2.

Maintenance activities are not governed by this document, but the documentation of those activities is included in the scope.

This standard defines various repair/remanufacture specification levels (RSLs) for the equipment identified below as well as the mandatory equipment traceability that is required to prove conformance.

Requirements for failure reporting are outlined in Annex D.