

Quality Clause 240509 - Fabrication Welding and NDT Criteria (08/22/2018)

Unless identified otherwise on the RR drawing the following categories and inspection requirements from S9074-AR-GIB-010/278 apply.

Fabrication weldments for HOPM, pump & motor, head tank and other CPP-related weldment assemblies with an oil tank are considered a pressure vessel and are therefore considered "Machinery Class A-4".

The weldments for the above assemblies are considered "Machinery Class M-2".

The above assemblies are considered mission critical and therefore are "Category A" equipment.

Examination of welds for acceptability in accordance with MIL-STD-2035A(SH) shall be per table XI from S9074-AR-GIB-010/278 and categorized as shown below:

M-2 means Class 2 in 2035 for VT/MT/PT

M-2 means Class 2 in 2035 for RT

M-2 means Class 2 in 2035 for UT

Pressure vessel A-4 means Class 2 in 2035 for VT/MT/PT

Pressure vessel A-4 means Class 2 in 2035 for RT

The assemblies may include piping that falls into Piping Class P-1 or P-2 as indicated in the drawing notes. Inspection requirements for piping as defined by S9074-AR-GIB-010/278 shall apply.