



## PLUTO LNG TRAIN 2

SR Number: 26221-100-MRA-MVA0-00004

Title: Ethylene Storage Drum

Scope of Work: Furnish all labor, materials, and services for the design, fabrication & supply of Ethylene Storage Drums for the Project. Equipment shall be designed for an operational life span of 20 years while material selection shall be for 30 years. The Seller shall provide a Mechanical Guarantee for the package against defective workmanship, materials and improper design. A Process Guarantee shall also be provided against failure to perform as specified by the Project.

Internal drum is designed and built to AS 1210, Supplement 2 (incorporating Amendment 1 and 2) using 9% Ni material as the MOC. The Ethylene storage drum shall not be cold stretched, i.e. not be fabricated as AS1210 class 1S or 2S per Appendix L.

Outer jacket shall be designed per Guideline CGA 341. Jacket heads may be of ASME F&D type. Inner Drum shall be pressurized for shipment with 10 - 20psig Nitrogen to maintain drum dryness. The outer jacket shall be helium tested and recorded after the vacuum condition has been established.

All equipment provided must meet local codes for Western Australia, Project Specifications, as well as any other Australian/local regulations, statutory requirements, and Australian codes and standards as applicable. Each piece of equipment must be registered with the local regulatory authority.