



LIQUID HYDROGEN SPHERE

CLIENT - Confidential
LOCATION - Nevada
EST. COMPLETION - July 2021

DESCRIPTION

Matrix Service was contracted for engineering, procurement, and construction (EPC) of a cryogenic double wall liquid hydrogen storage sphere for a new greenfield hydrogen production facility.

PRINCIPAL FEATURES

- 475,510 gallon net volume
- 60' 6" diameter CS outer sphere
- 51' diameter SS inner sphere
- Evacuated Perlite insulation
- Design minimum temperature for inner sphere is -423° F
- Pressure Build Up Coil (PBUC) units w/ interconnecting piping
- Ringwall foundation
- Sphere coatings
- Fireproofing on legs

FOR MORE INFORMATION:

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MATRIX SERVICE