



LIQUID HYDROGEN SPHERE

CLIENT - Confidential
LOCATION - Southwest U.S.
COMPLETED - Fall 2021

DESCRIPTION

Matrix Service was awarded the engineering, procurement, and construction (EPC) of a cryogenic double wall liquid hydrogen storage sphere for a new greenfield hydrogen production facility for a confidential client in the Winter of 2019. The project was mechanically complete in the Fall of 2021.

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:

matrixservice.com | 866 367 6879



MATRIX SERVICE