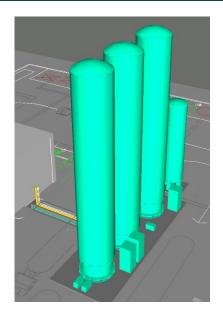


CHEMPROD – NEW OXYGEN AND NITROGEN PLANT



PROJECT DESCRIPTION

The purpose of project is basic engineering activities for the realization of a new nitrogen liquefaction plant, nitrogen and oxygen storage and vaporization systems.

PROJECT FEATURES

Manhours: 2.200

Duration: 5 months (on going)

Start Year: 2023

OUR CLIENT

Società Siciliana **Gas Criogenici**

OUR ACTIVITIES

- Process: Study for the regulation of the nitrogen stream pressure from existing ASU to the new liquefaction system, PFDs, P&IDs, C&E Matrix, line and instrument list, tankers loading/unloading sequence description
- Piping: plant general layout update, 3D model (with CADWorx), new production line lay out, isometrics, stress analysis, material take over (piping, support, insulation)
- Structure: construction design of the new metallic structure, material take over
- Instrumentation: Instrumentation DS, I/O List, Hook Up, wiring system, instrumentation lay out, cable routing, material take over, I/O list, control system architectural specification
- Electrical: electrical load list, one line diagram plant update, cable routing, cable list, electrical hook up, electrical cabinet specification, material take over;

GEOGRAPHICAL AREA



- New Production Plant
- · Multidisciplinary engineering
- CAD Worx 3D

ENGINEERING PHASE and AREA



Basic design



Technical Gas Plant