

FEATURED PROJECT

Protein Producer & Ally Energy Solutions

Building the Safest Ammonia Refrigeration Room in the Country

People Safety

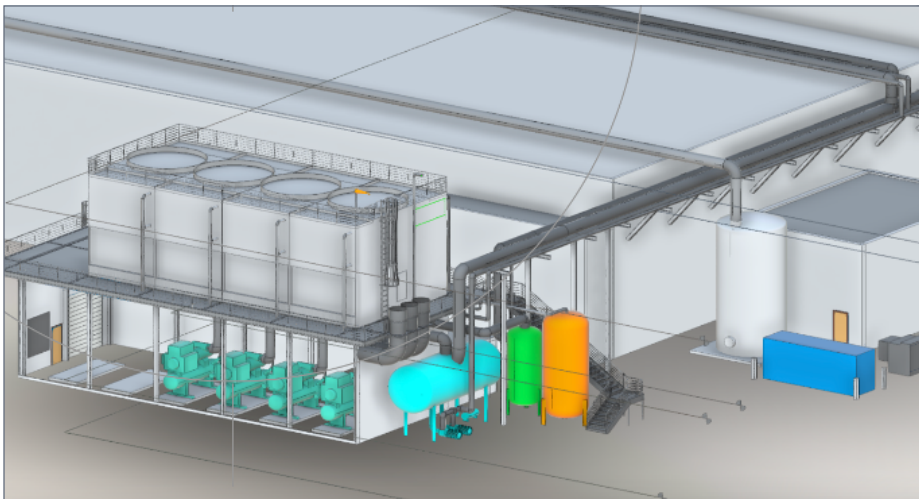
1. Ammonia compressors, piping-mains and vessels removed from occupied areas.
2. Ammonia charge reduced 37% with release equipment located safely outdoors.
3. 100% Ammonia liquid free engine room.

Sustainability

1. \$12.7 million financial benefit over ten years, \$660,000 annual utility and Op-Ex reduction.
2. 49,994 Metric tons CO2 emissions eliminated over ten years.
3. Compliance with EPA, OSHA and Local Authorities achieved.

Operating Efficiency

1. Extra capacity and single equipment location, increasing reliability, and uptime
2. Optimization and efficiency achieved through advanced PLC control system.
3. Freeing up 9400 ft2 of Interior space for new employee welfare areas.



On-Premise Safety & Reliability Benefits

Safety:

40,000 Lbs of Ammonia Removed from Proximity to Locker Rooms, Main Break Room, Cafeteria and Paths of Egress.

Reliability:

Vulnerable, High Voltage Overhead Electrical and Deteriorated Ground Based Switchgear and Cutouts Removed from Harms Way.



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