



Tarsco
a TF Warren Company

**Full service provider for
storage tanks and terminals**

Tarsco was awarded a contract by Linde Engineering North America to construct four tanks for site owner J.R. Simplot Company's new ammonia plant. Simplot's ammonia processing plant is adjacent to their existing phosphate fertilizer complex in Rock Springs, Wyoming. Output from the new ammonia plant significantly enhances Simplot's long term sustainability in the fertilizer marketplace.

The scope of work for this project included the engineering, procurement, fabrication, and construction of four tanks:

- 1 - 114'-6" dia. x 92'6" high – 150,000 bbl NH₃ anhydrous ammonia tank (API 620 Annex R)
- 1 - 43' dia. x 31'8" high – 344,001 gals. demineralized water tank (API 650)
- 2 - 54' dia. x 40' high – 683,854 gals. firewater tanks (AWWA D100)

Also included in the project scope were the tank foundations and installation of the heating systems for the anhydrous ammonia and the firewater tanks. **Tarsco** utilized its roof air raising technology on the anhydrous ammonia tank where it constructed the dome roof near the bottom of the tank and then air raised it to the final position. Experienced personnel then fitted and welded the roof connection to the tank girder.

Tarsco utilized the services of other TF Warren companies to provide a complete solution for this project. Globaltherm provided the tank insulation on the firewater and ammonia tanks, and Blastco field applied all of the tank coatings.

Despite the 6,500 foot elevation, high winds, cold temperatures and snow, the entire project was completed according to the schedule.



Ammonia Plant Rock Springs, WY



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