

Full service provider for storage tanks and terminals

Tarsco was awarded a lump sum 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 will significantly enhance Simplot's long term sustainability in the fertilizer marketplace.

The scope of work for this EPC project includes the engineering, procurement, 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)

Tarsco is providing the tank foundations, insulation, coatings, and installation of the heating systems for anhydrous ammonia and the firewater tanks. As a member of the TF Warren Group of companies, Tarsco will utilize the services of its sister companies to provide a complete solution for this project. Globaltherm will provide the tank insulation on the firewater and ammonia tanks, and Blastco will field apply all of the tank coatings.

Tarsco utilized its roof air raising technology on the anhydrous ammonia tank by constructing 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. This method of roof construction is advantageous because it limits personnel exposure to elevated heights.

Despite of the 6,500 foot elevation, high winds, cold temperatures and snow, the entire project is scheduled for on-time completion by Fall of 2016.



Ammonia Plant Rock Springs, WY













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