

## Yaggie's Feed Tanks | Yankton, SD

### 25,000 Gallon Cone Bottom Insulated Tanks

#### TrueNorth Steel solution and application:

The customer wanted fast loading and unloading of their feed products. Since the product comes in hot, the customer needs to keep it hot. TrueNorth Steel's solution was Cone Bottom Insulated Fat Tanks with Emersion Heaters.

#### Products used in application:

25000-gallon cone bottom foam insulated tank with outside steel wrap seal weld. TrueNorth Steel also supplied emersion heaters, OSHA ladder, cat walks, and stainless-steel doors in the skirt for easy access.

#### Project Challenges:

To get five 25000-gallon vertical cone bottom insulated tanks to fit in the existing containment and have all the plumbing on new tanks, line up with the existing plumbing in the building. The existing tanks were too small for their growing feed business and were deteriorating.

#### Special/unique elements of the project:

Spray foam insulation which was sprayed prior in production at TrueNorth Steel; we sprayed 3" of foam which supplied an R value of 18 then wrapped the tank in 12-gauge steel. 3"x3"x1/4" rolled angles were used as standoffs. The emersion heaters keep the fat and oil in the tank around 120 degrees.

