



Abengoa Bioenergy Ravenna Ethanol Production Project

Ravenna, NE

The alternative fuel industry is growing rapidly, and one of the leading technologies is ethanol. Many ethanol plants are being built around the country, and some are being painted with red oxide paint. Unfortunately, because of the highly corrosive environment, the painted plants are showing signs of age and corrosion very quickly.

All structural steel in the Ravenna ethanol plant was hot-dip galvanized. Galvanizing was selected because of its performance in corrosive atmospheres. Additionally, the initial cost was lower than paint, and the durable, maintenance-free coating guarantees it is far superior on a life-cycle basis. The Ravenna plant is highly visible to the public, and many people are interested in the structure because of promise of ethanol technology. By specifying hot-dip galvanized steel, Abengoa Bioenergy ensures the Ravenna plant will be a visually appealing sight rather than an eyesore of corrosion well into the future.



Engineer
Chad Allen

Architects
Fru-Con Construction Corp.
Austin Maintenance & Construction

