



Highlights

Description:

Fabrication, assembly and PWHT of acid gas heater bundles

Key Points: Modular design

- Type 321 stainless construction
- Innovation in design of automated welding equipment and weld procedures

Benefits:

- improved production efficiency
- Lower costs
- On time delivery

Acid Gas Heater Bundles, West Coast Energy Fort Nelson, BC, Canada

The Project

Ideal Welders designed new weld procedures to correct a recurring corrosion issue in these tube bundles. We supplied material and fabricated acid gas heater bundles in Type 321 stainless steel for the Fort Nelson Gas Plant. Ideal was also responsible for all post-weld heat treatment.

Due to the complexity of the design, fabrication by traditional means was difficult and inefficient. Ideal Welders designed, developed and manufactured automated tube-to-tube sheet welding equipment specifically for this project.

As a result of our efficient fabrication process, we have now completed 28 bundles in 4 orders over a period of 15 years.

About Ideal Welders

Located on Annacis Island in Delta, British Columbia, Ideal Welders is the premier pressure vessel and power piping fabrication company in BC and one of the largest in Western Canada. We have three fabrication facilities totaling over 220,000 square feet.

The company has been in business for over 40 years and prides itself on having developed a reputation for excellence in our field. Projects are done right and delivered on time, the first time. All our craft labour are BC pressure welding certified and over 90% carry a Provincial "A" Level welding certificate.

From 1-inch refrigeration piping to 2000-ton plant module construction, no project is too large or too small.



Type 321 stainless acid gas heater bundles

Ideal Welders Ltd.
660 Caldew Street
Annacis Island, Delta
British Columbia,
V3M 5S2, Canada
phone: (604) 525-5558
fax: (604) 525-5313