

**INTEC Engineering GmbH**

## **Across the Atlantic through the Rocky Mountains to Alberta**

Defying the extremes - INTEC Engineering GmbH supplies heaters for process heat to northern Canada

The two colossi, each with a net output of 11.5 MW, weigh 40 tons and are 9.50 meters long. They have a diameter of 4.10 meters and are "Made in Bruchsal". They serve as heaters for process heat. The company INTEC Engineering GmbH from Bruchsal planned, designed and built these two heaters. They have now reached their destination in Canada, in the province of Alberta.

The long journey begins at night under the blue lights of the police escort. Two special transporters from the freight forwarder Kübler in Michelfeld first take the extremely large and heavy parts over the roads to the heavy goods center in the port of Mannheim. A terminal crane from the forwarding company with a load capacity of 500 tons professionally loads the freight onto a Rhine ship for onward transport to Rotterdam. From there it crosses the Atlantic to the USA. Now they still have more than 4,000 kilometers to go to their destination. They cover this distance on the highways of the States, piggybacking on two large special trucks, heading ever further north.

In the rugged landscape of the Rocky Mountains, the two heaters are supposed to heat gas in huge overland pipelines. They have to cope with extreme climatic conditions and function perfectly at all times: scorching hot summers and, above all, freezing cold winters with huge amounts of snow. In northern Canada, these conditions not only affect people and animals, but also materials and systems. That is why the outdoor heaters

run with a water-glycol mixture as a heat transfer medium that does not freeze even at extremely low outside temperatures. They thus ensure trouble-free operation of the gas pipelines in the inhospitable expanses of Canada and at the same time meet the latest exhaust gas standards.



The family-owned company INTEC Engineering, based in Baden, Germany, specializes in the construction of individual heaters as well as complete systems such as biomass-fired power plants, which provide process heat or renewable power supply all over the world. An experienced and committed team with extensive know-how is available in Bruchsal for planning, design and production. A huge production hall, whose equipment has always grown with the size of the orders, enables the production of large and heavy individual parts as well as entire systems here in Bruchsal.