

Case Study: Air Cooled Heat Exchanger Application

## EST Group Provides Solution to Canadian Refinery for Sub-Zero Conditions

### Industry/Facility

Oil Refinery

### Application

Air Cooled Heat Exchanger (ACHE)

### Location

Nanticoke, Canada

### Challenge

Customer required a safe, fast and reliable way to test and repair leaking Air Cooled Heat Exchanger tubes in sub-zero temperatures.

### Solution

An EST Group Field Services supervisor was dispatched and on-site for international emergency repair & equipment training in less than 24 hrs.

EST Group's G150 Tube Testing Guns were proposed and utilized as a fast and accurate alternative to pumping Glycol up four stories in sub-zero temperatures (-40° F) for hydro testing. This saved countless man hours and additional equipment costs needed for the Glycol hydro test. Using the G150 Tube Testing Guns offered a safer method over the proposed Glycol hydro test by reducing personnel exposure time in sub-zero temperatures and eliminating potential environmental issues concerning Glycol spillage.



For more information about EST Group Products & Services, visit: [www.cw-estgroup.com](http://www.cw-estgroup.com)

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