

# Explo 6



Explo No 6

November, 2001

## TOTAL POWER

Orenda Limited of Canada, a large manufacturer of "total power" systems, has standardized on Vantage explosionproof GD and AF plugs and receptacles to connect their mobile gas compressor units to permanent site wiring rather than using a hard wire or conduit installation. The first unit using these connectors is now in service at various locations of TransCanada Pipelines Limited in Canada. The installation shown in the attached photographs is the first of the newest Orenda-designed units purchased by Alberta Gas Trunk Line and is located at a pumping station near Calgary.

The station consists of two 40 foot long tractor trailers which, when positioned on the site, form the letter "T". Electrical connections between these two sections are easily accomplished by using cable assemblies with our GD and AF connectors. Six 80 foot long cable assemblies connect the units to the permanent site distribution system. All of the cable assemblies were supplied by the Clarkson, Ontario Plant.

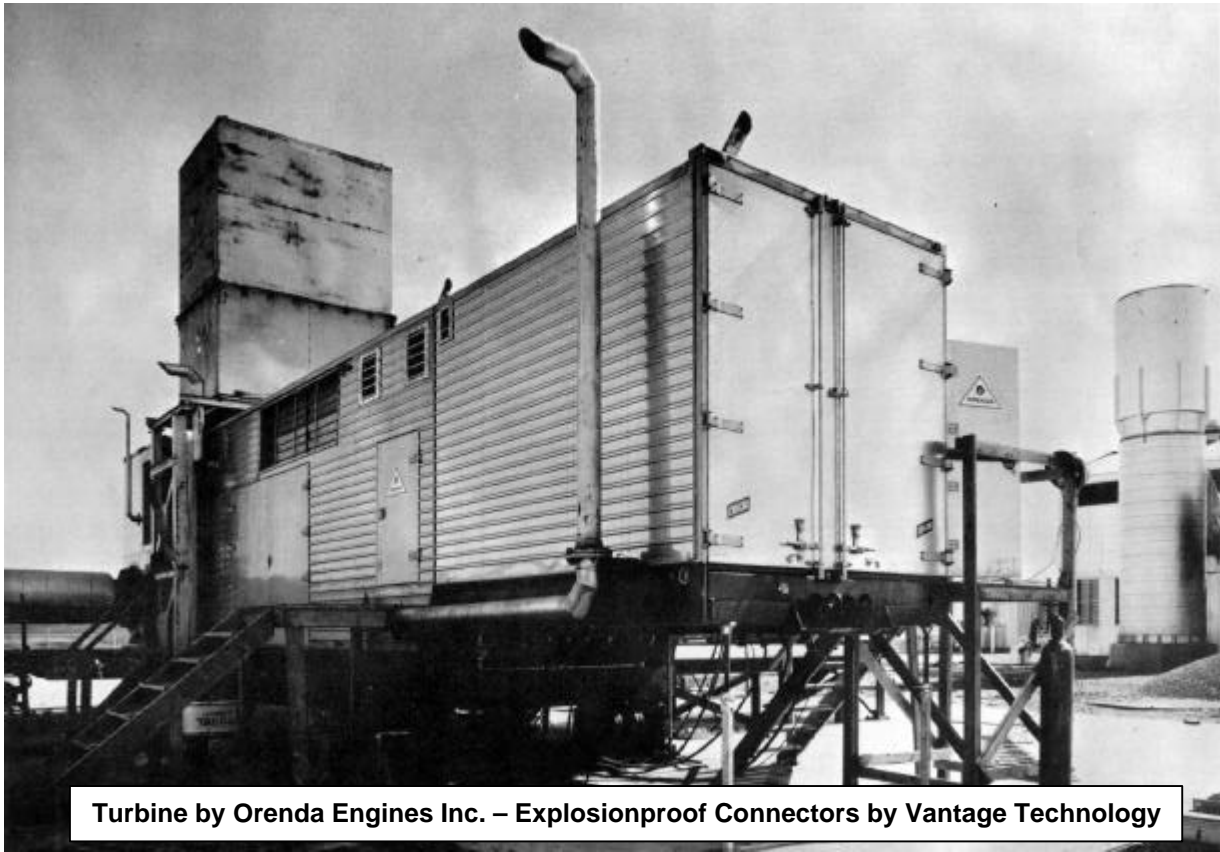
The entire area around the compressor, with the exception of the pressurized control room, is considered a hazardous location. All electrical equipment used in this area must be suitable for use in Class I, Group D hazardous locations.

Vantage GD / AF connectors provided the safety and quality demanded by Orenda.

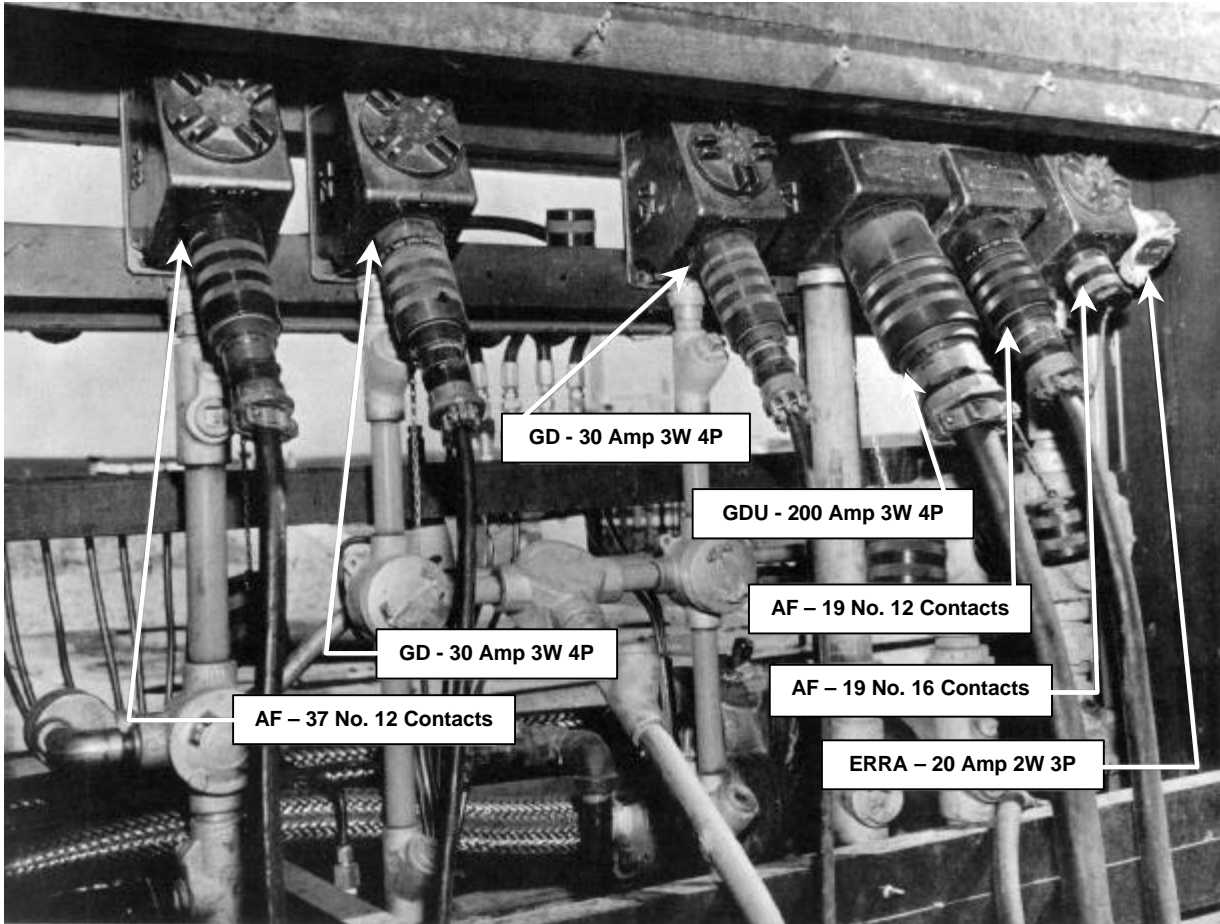
NOTE: This is an update of Explo #6 dated September 1, 1969  
as published by The Pyle-National Company

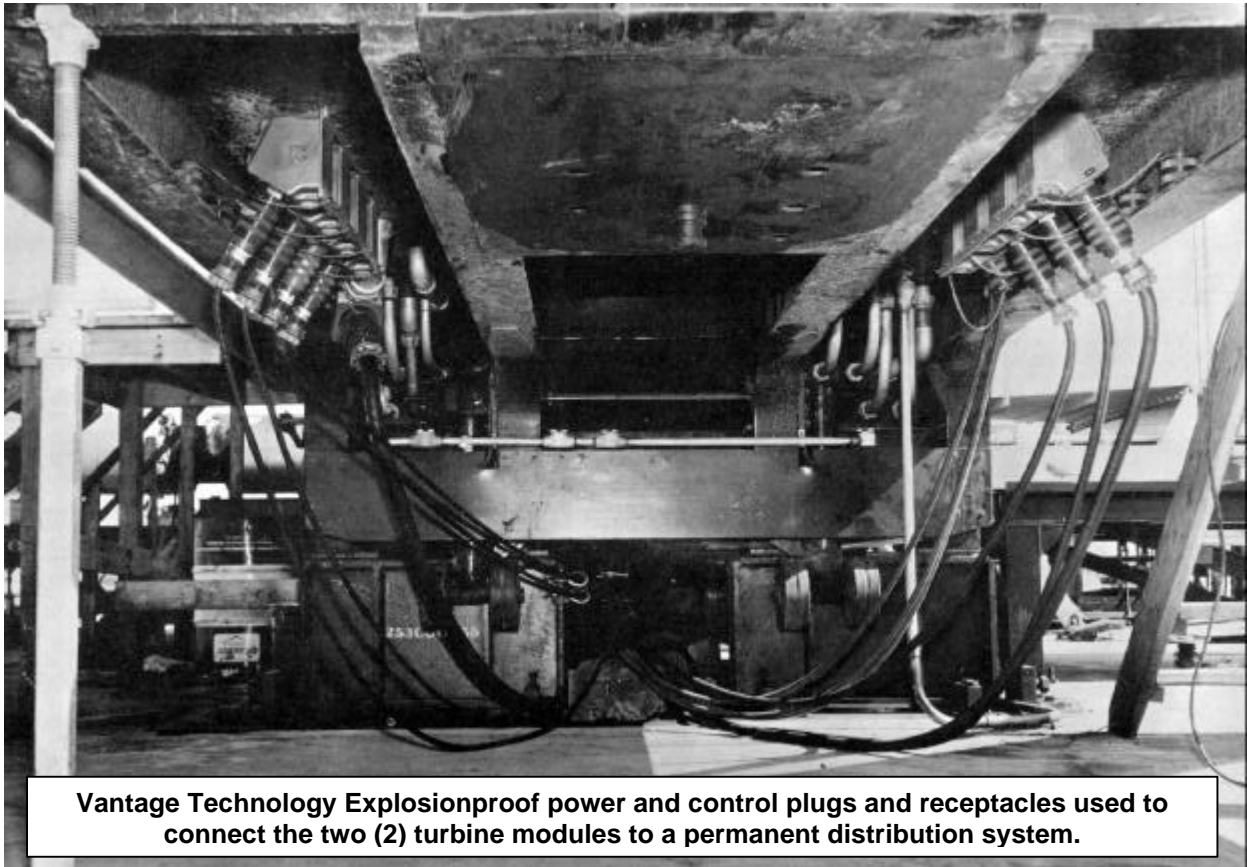
**Visit the Vantage web site at [VantageXP.com](http://VantageXP.com)**

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Turbine by Orenda Engines Inc. – Explosionproof Connectors by Vantage Technology





Vantage Technology Explosionproof power and control plugs and receptacles used to connect the two (2) turbine modules to a permanent distribution system.

