

Ingersoll-Rand Centrifugal Compressors Certified to ISO 8573.1:2001 by TÜV

Industrial Services
Industrial Machinery



TUV Rheinland
of North America

Ingersoll Rand Company
Industrial Technologies
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Davidson, NC 28036

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TYPE TEST CERTIFICATE

Dear Sirs,

We have measured the total oil content (aerosols, liquids and vapours) in the outlet air stream of an Ingersoll Rand Centac series oil-free centrifugal compressor. The measurements were done in accordance with the following guidelines and standards:

ISO 8573-1:2001: Contaminants and purity clauses

ISO 8573-2:1996: Test methods for aerosol oil content method B1 (full flow method)

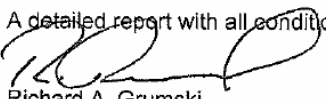
ISO 8573-5:2001: Test methods for oil vapour and organic solvent content

This being a Type test, covering the entire range of water cooled oil-free centrifugal compressors, between 160kW and 5,000kW, a model was randomly selected for the tests. The tests were carried out at the outlet of the air compressor without any cooling or oil removal devices in between the compressor and the measurement point.

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It is to certify that the quality of air from the above compressors qualifies to be in the category "Class 0" in terms of total oil content, as defined in the standard ISO 8573-1:2001.

A detailed report with all conditions of the tests and results is available upon request.


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The excerpts from the letter of certification above from TÜV show Ingersoll Rand oil free centrifugal air compressors as certified through type testing for class zero. In order to make a one page document, Ingersoll Rand removed the testing detail information. Testing was performed in accordance with ISO 8573:2001, parts 2 and 5 for full flow.