

# VALIDATION CERTIFICATE

ILK Dresden 

Institut für Luft- und Kältetechnik gGmbH  
Bereich Luftreinhaltung

Measurements according to  
**ISO 8573-2 "Compressed Air for General Use – Part 2"**  
of the filter element

**Compressed Air Filter Grade S**

manufactured by  
**Airfilter Engineering (AFE)**

resulted in an outlet residual oil concentration of

**less than 0.001 mg/m<sup>3</sup> .\***

The determination of the oil aerosol separation efficiency of the compressed air filter was executed at the test institute. Test procedures and results have been documented and archived.

Dresden, 29.03.2005



Dipl.-Ing. Ralf Heidenreich  
(Department Manager)



Dipl.-Ing. (FH) Tim Neuhaus  
(Project Manager)

\* **TEST PARAMETERS:** Air stream loaded with > 20mg/m<sup>3</sup> Aerosol of Mineral Compressor Oil, Viscosity Grade 46; air flow 50m<sup>3</sup>/h (ANR); test pressure 7 bar abs. (also meets ISO/DIS 12500-1). Declared result is the average from 3 consecutive tests on the same element. Employed measurement and test techniques, in addition to test conditions, generated reproducible results.

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Certified to ISO 9001

Institute for Air Conditioning and Refrigeration • Bertolt-Brecht-Allee 20 • D-01309 Dresden/Germany  
General Manager: Dr. sc. nat. habil. Ralf Herzog • executive secretary: Prof. Dr.-Eng. Uwe Franzke  
☎ +49-351-40 81 700 • Fax: +49-351-40 81 705 • E-Mail: [umwelt@ilkdresden.de](mailto:umwelt@ilkdresden.de) • <http://www.ilkdresden.de>  
Bank account: Commerzbank Dresden 8000 135 • Bank code: 850 400 00 • District court: Dresden HRB 6118