

**Institut für Energie- und Umwelttechnik e.V. (IUTA)**

Department Messstelle  
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## **- IUTA-CERTIFICATE -**

In confirmation with the requirements of

**DIN EN 12021**

**“Atemgeräte – Druckgase für Atemschutzgeräte”**

**ISO 8573-1:2010**

**“Contaminants and purity classes”**

The analysis of cartridge  
**P21 – 057679**

manufactured by  
**BAUER KOMPRESSOREN GMBH**

**Result:** The measured cartridge comply with the requirements in terms of total oil according to ISO 8573-1:2010 class 2 and DIN EN 12021:2014 at the test conditions 150 bar and 300 bar, ambient air temperature 20°C and 40°C.

The execution and results of the validation are documented in a guideline and protocol. Depending on the variation of equipment and measurement conditions the results are reproducible.

Duisburg, 15<sup>th</sup> July 2015

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