



Bundesanstalt für  
Materialforschung  
und -prüfung

**Safety devices for acetylene service**  
**Certificate N°: BAM/ZBF/004/15**  
**2<sup>nd</sup> Revised version**

Hereby it is certified by the BAM Certification Body that the

**Safety devices for acetylene service**

with the designations and terms of application listed in the annex to this certificate  
of the manufacturer

**WITT-GASETECHNIK GMBH & CO KG**  
**Salinger Feld 4-8**  
**58454 Witten**  
**GERMANY**

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meet the requirements of the following standards

- |                          |  |
|--------------------------|--|
| <b>EN ISO 14114:2014</b> | <b>Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – General requirements (only clauses 4.2, 5.1 and 5.3)</b> |
| <b>ISO 5175-1:2017</b>   | <b>Gas welding equipment – Safety devices – Part 1: Devices incorporating a flame (flashback) arrestor (only clauses 5.2, 5.3, 5.6, 6.8 and 9)</b>         |
| <b>EN ISO 15615:2013</b> | <b>Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices</b>         |

**in compliance with the requirements of the BAM Standard operating procedure StAA-SE-016 “Prüfung der Beständigkeit von nichtmetallischen Materialien” (Testing of resistance of non-metallic materials) dated 14<sup>th</sup> August, 2014.**

On the basis of certification contract N° **BAM-ZBF-0002-2015-WITT** as well as of its annexes dated 12<sup>th</sup> October, 2015, the certification comprises according to ISO/IEC 17065:2012 a design type test of the products, incl. initial audit of the manufacturing site as well as a surveillance of the products (BAM certification system IIa).

The products certified by BAM may be labeled with the BAM certification mark „BAM Geprüft und überwacht“ and/or “BAM Certified and under surveillance“ together with the certificate number.

**The certificate is valid until 15<sup>th</sup> October, 2025.**

The BAM test reports listed in the annex to this certificate as well as the audit report N° 17/2014-QS/WITT DEU dated 4<sup>th</sup> May, 2015, form the basis of this certificate.

for Bundesanstalt für Materialforschung und -prüfung (BAM)  
Unter den Eichen 87,12205 Berlin, **2019-02-13**

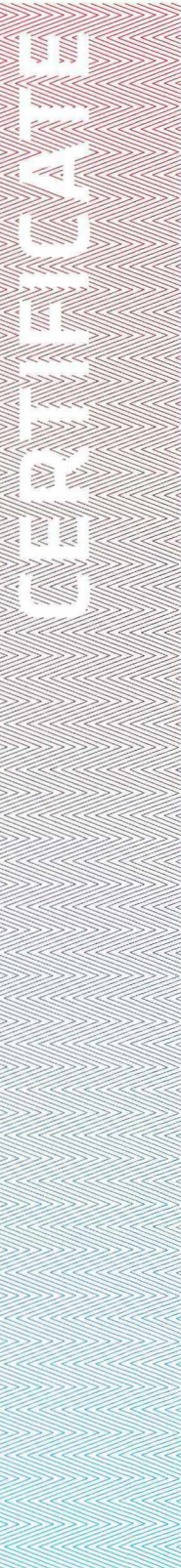
Dr. R. Schmidt  
BAM Certification Body



Dr. K. Holtappels  
BAM assessor

Distribution list: 1<sup>st</sup> Certificate holder 2<sup>nd</sup> BAM Certification Body

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**Products of Company WITT-GASETECHNIK GMBH & CO. KG within the scope  
of certificate N° BAM/ZBF/004/15, 2<sup>nd</sup> Revised version**

**Safety devices for acetylene service**

1. Quick-acting shut-off device HDS17

Type	BAM test reports and/or procedure number	Max. operating overpressure MPa (labeled)	Max. nominal size to be connected in mm
HDS 17	8205/81; 4-3030 of 14 <sup>th</sup> October, 1981 for type approval N° 1481 5732/98; II-4856 of 19 <sup>th</sup> October, 1998 BZS-GS/027/15; DGA-15-027-I of 29 <sup>th</sup> September, 2015	2.5	15

2. Flame arresters with cut-off valve FN12 and FN40

Type	BAM test reports and/or procedure number	Max. operating overpressure MPa (labeled)	Max. nominal size to be connected in mm
FN12	7817/72; 4-2482 of 6 <sup>th</sup> September, 1972 for type approval N° 82 D 01372 FS II-673/99 of 12 <sup>th</sup> July, 1999 BZS-GS/027/15; DGA-15-027-II of 29 <sup>th</sup> September, 2015	0.15	40
FN40	BZS-GS/027/15; DGA-15-027-III of 29 <sup>th</sup> September, 2015	0.15	40



Berlin, 2019-02-13

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Place, date

*R. B. S.*  
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Signature BZS

