

## **C E R T I F I C A T I O N S**

*BEDA-products are examined for oxygen suitability by*

### **1. Bundesanstalt für Materialforschung und -prüfung (BAM)**

*(Federal Office for the control of explosives, weapons and products with safety risks ) under:*

⇒ 1.1 Oxygen burning lance equipment:

*Journal-Nr. 3305/97 II-3031 II; 2-2501/2011 I-IV; 2-2077/2012 I, II*

⇒ 1.2 Oxygen injecting lance equipment, safety devices: *Journal-Nr. 3305/97 II-3031 III*

⇒ 1.3 Oxygen HD lance hoses /Neoprene: *Journal-Nr. 7008/96 I II-4276*

### **2. TÜV Rheinland Anlagentechnik**

*(Technical Control Institution of Area North-Rhine-Westfalia)*

*Certification of BEDA oxygen lance safety hoses /Neoprene  
under Control-Nr. KU 206/96 926/ha-rü)*

➔ *The process cycles for the fabrication of BEDA-products concur with the requests of  
DIN EN ISO 9001:2015. The quality management system has been certified by*

***Lloyd's Register Quality Assurance Ltd.***

*under Register-Nr. 203229 and is audited regularly.*

➔ ***All BEDA- Oxygen hoses correspond to the new European standard DIN EN ISO 3821***

*They are in following qualifications much higher than imperative rating levels of the DIN EN ISO 3821:*

- higher pressure level (working pressure 30bar/420psi, bursting pressure 150bar/2100psi)*
- higher heat-protection by double glass fibre cover (Type LF-...-...)*
- higher wear-resistance by additional metall- or glass fibre cover*

➔ ***USA: ASME proof test successfully performed for all BEDA Oxygen safety hoses with fibre glass cover acc. to ASME Code Section VIII, Division 1 §UG101***

*US-ARMY / NAVY general purpose qualification for Heavy Duty (HD)*

➔ ***Canada: Canadian Registration Number CRN for all BEDA Oxygen HD hoses with fibre glass cover Registration # CRN OD6192.5R1, Date of issue: August 20, 2010***

*Ratingen, August 2017*