(1) # EU - Type Examination Certificate

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) EU - Type Examination Certificate Number

EPS 17 ATEX 1 120 X **Revision 0**

(4) Equipment: Explosion protected luminaire type 525/*/***/

(5) Manufacturer: WISKA Hoppmann GmbH

(6) Address: Kisdorfer Weg 28
24568 Kaltenkirchen

(7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 17TH0107.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013 **EN 60079-1:2014**

EN 60079-28:2015 **EN 60079-7:2015**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:

II 2G Ex db eb IIB+H2 T6/T5/T4 Gb
II 2G Ex db eb op is IIB+H2 T6 Gb (with LED)
II 2D Ex tb IIIC T85°C/T100°C/T135°C Db
II 2D Ex tb op is IIIC T85°C Db (with LED)



Certification department of explosion protection

H. Schaffer

Hamburg, 2019-07-29

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 17 ATEX 1 120 X, Revision 0.

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(13) # Annex

(14) **EU - Type Examination Certificate EPS 17 ATEX 1 120 X** **Revision 0**

(15) Description of equipment:

The luminaire 525 can be used in hazardous location of group II (gas) and III (dust) The enclosure is designed by type of protection "flameproof enclosure" made by brass material. The glass dome is protected by protective brass cage. The connection can be made by terminal box in type of protection "increased safety".

Electrical data:

Voltage max.	250V 50/60Hz
Current max.	16A
Rated cross-section max.	2,5mm²
IP protection	IP66/IP67

The equipment can be used with following lamp types resulting if different temperature class ratings.

Usage in group II (gas):

Orientation:	hanging		various	
Max. Ambient temperature:	+45°C	+55°C	+45°C	+55°C
Incandescent lamp up to 60W	T5	T4	T4	T4
Incandescent lamp up to 25W	T5	T5	T5	T4
Incandescent lamp up to 40W	T5	T4	T4	T4
LED – lamp up to 9W Type OSRAM AB41762	T6	T6	T6	T6
Energy saving lamp (ESL) up to 15W	T6	T6	T5	T5

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Usage in group III (dust)

Orientation:	hanging		various	
Max. Ambient temperature:	+45°C	+55°C	+45°C :	+55°C
Incandescent lamp up to 60W	T100°C	T135°C	T135°C	T135°C
Incandescent lamp up to 25W	T100°C	T100°C	T100°C	T135°C
Incandescent lamp up to 40W	T100°C	T135°C	T135°C	T135°C
LED – lamp up to 9W Type OSRAM AB41762	T85°C	T85°C	T85°C	T85°C
Energy saving lamp (ESL) up to 15W	T85°C	T85°C	T100°C	T100°C

(16) Reference number: 17TH0107

(17) Special conditions for safe use:

Ambient temperature range: -40° C to +45° C or -40° C to +55° C.

The temperature class rating depends on the used luminaire and the max. ambient temperature. Only lamps defined by manufacturer shall be used.

Only certified cable glands shall be used. The used cables must be temperature resistant.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2019-07-09

H. Schaffer

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