

Approval Certificate



This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the GL Approval System.

Certificate No. 20 107 - 11 HH

Company eka-edelstahlkamine gmbH

Robert - Bosch - Str. 4
95369 Untersteinach, GERMANY

Product Exhaust Gas System

Type complex medi D (double wall)
complex medi E (single wall)

Technical Data /
Application

TECHNICAL DATA

Materials: Inner pipe AISI 316L/316Ti/304H (1.4404, 1.4571, 1.4948)
Outer pipe AISI 304 (1.4301), AISI 316L/316Ti (1.4404, 1.4571)
Thickness 0.6mm (minimum) outside, 0.5 mm inside

Insulation: Type approved pre-formed mineral fibre
Min. thickness 30 mm
Min. density 90 kg/m³

Sealing Materials: Asplit (up to 600°C)

Size range: 80 mm up to 500 mm

M.A.W.P. / M.A.W.T.: 5000 Pa / 600 °C

Range of Application:

The piping systems of type complex medi are approved for the use as exhaust gas lines on boilers and diesel engines (downstream of turbo chargers).

Approval Standard DIN EN 1856-1: 2009, DIN EN 1859: 2009, DIN EN 13216-1:2004

Documents

- Test reports: TÜV SÜD test report no.: A 1348-00/04, dated: 28.12.2004
- Test report: paconsult test report no.: 10-3061, dated: 30.08.2011
- Certificate: TÜV SÜD Cert. 0036 CPD 90216 004, dated: 17.02.2010
- Drawings of piping systems, technical data sheet of sealing material

Remarks For penetration of fire divisions GL type approved pipe penetrations are to be used

Valid until 2016-09-02

File No. XI.B.03

Germanischer Lloyd

Hamburg, 2011-09-02

Hanspeter Raschle

Peter Gierhard

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PRODUCTION PLACE

eka-edelstahlkamine gmbh
Robert - Bosch - Str. 4
95369 Untersteinach
GERMANY

MARKING

Each device shall bear legible and durable marking on the body or on a plate fixed securely to the body as follows:

• Manufacturer's Mark • Identity Number • Nominal Diameter • GL Certificate No. •

REMARKS / LIMITATIONS

• The selection of the Exhaust Gas System for the corresponding application and the right installation are to be in accordance with the instructions of the manufacturer.

Germanischer Lloyd

Hamburg, 2011-09-02

A handwritten signature in blue ink, appearing to read 'Hanspeter Raschle'.

Hanspeter Raschle

A handwritten signature in blue ink, appearing to read 'i. A. P. Gierhan'.

Peter Gierhan