

# TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **32 607 - 06 HH**

Company **Egon Harig GmbH**  
**Gewerbering 4**  
**22113 Oststeinbek, GERMANY**

Product Description **Automatic / Manual Fire Extinguishing Release Unit for Engine Enclosure**

Type **BMZ 303-22; BMZ 303-64**

Environmental Category **D, EMC2**

Technical Data /  
Range of Application **BMZ 303-22: 2 temperature detectors and 2 UV flame detectors**  
**BMZ 303-64: 4 temperature detectors and 6 UV flame detectors**  
**Main / Emergency power supply: 24 V DC**  
**Degree of protection IP 54**  
**Function:**  

- Monitoring and alerting of the power supply
- Monitoring and alerting of UV flame detectors FL/SS 7510/35 MIL
- Monitoring and alerting of temperature detectors KPS 79
- Evaluation of UV flame detectors and temperature detectors
- Local manual and automatic release of the fire extinguishing system
- Failure and release indication of the fire extinguishing system

**Outputs:**  

- Collective alarms of BMZ, UV flame - and temperature detectors
- Main power supply failure
- Fire extinguishing initiated and released
- Fire extinguishing valve opened / closed

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2012**

Documents **Test report : 06-L-00482-01, 01-06/2006**  
**Documents: System description 4.05180, 4.04266; Data sheet 4.04067.1,**  
**4.04097.1; Drawings: according to the drawing list 4.05297.10, 4.05297.20.**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of**  
**Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**

Valid until **2020-05-07**

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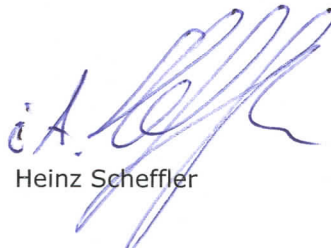
File No. **II.H.01**

**Hamburg, 2015-05-08**

Type Approval Symbol



  
Marco Rinkel

  
Heinz Scheffler

**DNV GL**