

## Confirmation of US EPA Compliance for D-808

As manufacturer of dust concentration monitors we herewith confirm that the following device meets or exceeds the requirements of US EPA 40 CFR60 PS11:

1	Instrument	Type	D-R 808
		Measurement	Dust concentration
		Zero and Span Check	Automatic or manually
		Contamination compensation	Automatic contamination compensation
		Path length	< 0.3m
		Ambient light immunity	Electronic light modulation
		Integration time	Integration time 1 ... 180s
		Digital interface	RS485 Modbus RTU
2	Specifications		
2.1	General	Range scattered light	min. 0-500 SL, max. 0 ... 20.000SL
		Resolution	1 scattered light unit (SL) $\hat{=}$ ca. 0,01 mg/m <sup>3</sup>
		Input Power	24 VDC
		Ambient Temperature	-40 ... +60 °C
		Gas Temperature	Above dew point up to 350°C,500°C,optional
		Protection Class	IP65
2.2	LightSource and detection	Source	Laserdiode, red
		Laser protection	Class II, <1 mWat 650nm
		Spectral range	650nm, max. 665nm
		Life time	> 5 years
		Photo detector	Photodiode
		Aging compensation	Automatic
2.3	Performance	Response Time	< 60 seconds
		Zero drift	< 0.5 %
		Span drift	< 0.5 %
		Calibration error	< 1%
3	Output	Output signal	4 ... 20 mA and/or Modbus RTU

All test and controls have been carried out strictly in accordance with the quality assurance plan as checked and certified under ISO 9001 by TÜV certificate No. 07 100 940052.

The unit DURAG D-R 320 is certified acc. To EN 14181 / EN 15267 by TÜV Rheinland as per test report # 936/21232768/C and MCERTS certified.

**Signed for and on behalf of** DURAG GmbH

**Place, date** Hamburg, 17.10.2024

**Signature**

*i.V. René Behrends*

Product Compliance Manager DURAG GmbH

#### DURAG GMBH

Kollaustraße 105 | 22453 Hamburg, Deutschland | Tel. +49 40 554218-0 | Fax +49 40 584154 | info@durag.com

Bankverbindungen: Hamburg Commercial Bank AG | IBAN: DE93 2105 0000 0149 1610 00 | SWIFT/BIC: HSHNDEHHXXX

Commerzbank AG | IBAN: DE76 2004 0000 0195 1110 00 | SWIFT/BIC: COBADEFFXXX

Amtsgericht Hamburg HRB 39787 | USt-IdNr.: DE196919865 | WEEE-Reg.-Nr. DE 27499760 | Geschäftsführung: Fabien Burato, Max Dreckmann