



सीएसआईआर-एनपीएल भारत प्रमाणन योजना
CSIR-NPL India Certification Scheme
(NPLI CS)

(सीएसआईआर-राष्ट्रीय भौतिक प्रयोगशाला: राष्ट्रीय मापन संस्थान, भारत)
डॉ. के.एस. कृष्णन मार्ग, नई दिल्ली-110012, भारत
(CSIR-National Physical Laboratory: National Metrology Institute of India)
Dr. K. S. Krishnan Marg, New Delhi-110012, India

VERIFICATION CERTIFICATE

Application No.: 25100973

Certificate No.: NPLI CS/PM-CEMS/VC-2025-10

Date of issue: 17/10/2025

Valid up to: date of renewal
of the original certificate

This is to certify that the

Continuous Emission Monitoring System
Model: DUSTHUNTER SB30
Make: Endress + Hauser

Manufactured by:

Endress+Hauser SICK GmbH+Co. KG
Bergener Ring 27
01458 Ottendorf-Okrilla

Issued to:

Endress+Hauser (India) Pvt. Ltd.
Godrej One, 7B, 7th Floor, Pirojshanagar, Vikhroli - 400079 Mumbai, India

Previously Certified by:

TÜV RHEINLAND (Certificate no. 0000033489_02)

has been verified under CSIR-NPL India Certification Scheme (NPLI CS) and found suitable as per the defined guidelines of CPCB. This certificate is valid up to the next renewal date as mentioned in the previously issued certificate or any change notified by the CPCB in its Guideline, which will be applicable to this product or any part of this product. This certificate holder must have to submit the "Annual Surveillance Test" report to NICB for annual performance validation of this product.

Chairman Certification Committee
(NPL India Certification Scheme)

NPLI CS, CSIR-National Physical Laboratory

(National verification agency for certifying instruments and equipment for monitoring emissions and ambient air)

Dr. K. S. Krishnan Marg, New Delhi-110012, India

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1. Details of Verified Parameter:

1.1 The product DustHunter SB 30 verified after assessment of previously issued "Product Conformity Certificate" by TÜV RHEINLAND (Certificate no. 0000033489_02) for the following certification ranges:

Sr. No.	Gases	Certified Range	Supplementary Range			
1	Dust	0 to 30 SE	0-100 SE	0-500 SE	0-1000 SE	0-3000 SE

Table 1

1.2 The TÜV RHEINLAND Certificate no. 0000033489_02 issued for the Product DustHunter SB 30 is only valid with the following components:

- 1.2.1 Software Version SB 30: 01.06.00
- 1.2.2 Software Version MCU: 01.16.00
- 1.2.3 Sender/receiver unit DustHunter SB 30
- 1.2.4 MCU control unit connected via USB interface
 - 1.2.6.1 MCU-P with integrated purge supply air for internal duct pressure of -50 to +2 mbar
 - 1.2.6.2 MCU-N without integrated purge air supply
- 1.2.5 External purge air unit, for internal duct pressure of -50 to +30 mbar

1.3 The certified operational conditions of the Product DustHunter SP 30 are

- 1.3.1 Ambient Temperature Range: Stack components -20°C to +50°C
- 1.3.2 IP rating: Not provided

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1.4 As per the TÜV RHEINLAND Certificate no. 0000033489_02, the following performance criteria were tested in the laboratory before issuing the TÜV RHEINLAND Certificate no. 0000033489_02 for the Product DustHunter SB 30

- 1.4.1 Check of General Requirements
- 1.4.2 CE labelling
- 1.4.3 Security
- 1.4.4 Output ranges and zero point
- 1.4.5 Additional data outputs
- 1.4.6 Display of Operational Signals
- 1.4.7 Degrees of protections provided by enclosure
- 1.4.8 Determination of response time
- 1.4.9 Lack-of-fit
- 1.4.10 Repeatability standard deviation at zero and span
- 1.4.11 Influence of ambient temperature
- 1.4.12 Influence of Voltage variation

1.5 The required field test was not carried out by TÜV RHEINLAND

1.6 The values of performance criteria listed in point no. 1.4 are not provided in the certificate

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2. Acceptability of the product for use in Indian Conditions:

- 2.1 The measuring instrument **DustHunter SB 30** complies with the Indian environmental conditions.
- 2.2 The **DustHunter SB 30** system is a dust concentration measurement system in a wet flue gas operating condition. The **DustHunter SB 30** system can only be used if an undercut of the dew point can be excluded.
- 2.3 The user may verify the performance criteria as listed in section 1.4 before use of **DustHunter SB 30** system.
- 2.4 The uses of **DustHunter SB 30**, depending on the parameter-specific Emission Standards for Indian industries as described in Table 8 of the 1st Revised Guidelines for Continuous Emission Monitoring Systems, August 2018 published by CPCB.
- 2.5 The use of **DustHunter SB 30** technology for measurement of dust, depending on "Technical Selection & Suitability for Gaseous CEMS" as described in Table 4 of the 1st Revised Guidelines for Continuous Emission Monitoring Systems, August 2018.

3. General Note:

After assessment of the **TÜV RHEINLAND Certificate no. 0000033489_02**, the Certification Committee (NPLI CS) only reconfirmed that the product is suitable for uses of Indian environmental condition.

The Certification Committee (NPLI CS) advises the users to verify the performance criteria as listed in section 1.4 before use of **DustHunter SB 30** system.

The Certification Committee (NPLI CS) also advises the M/s Endress+Hauser (India) Pvt. Ltd. Godrej One, 7B, 7th Floor, Pirojshanagar, Vikhroli - 400079 Mumbai, India to produce all the test performance value before supply of **DustHunter SB 30** system to the users.

This Verification Certificate is only valid for the **Model No. DustHunter SB 30** after providing the missing Laboratory and field test performance criteria values along with this certificated, which are not mentioned in **TÜV RHEINLAND Certificate no. 0000033489_02**.

The validity of this Verification Certificate is bound to the renewal date of the original **TÜV RHEINLAND Certificate no. 0000033489_02**.

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