



valid until: April 16, 2030

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

item Industrietechnik  
Access Door 8 2100x970  
**Report No. IT 2502-1594**

### Single product Particle Emission in Cleanroom (atmospheric)

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**item Industrietechnik GmbH**  
Solingen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number IT 2502-1594.

The Access Door 8 2100x970 (Durchgangstür 8) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: 22 °C ± 0.5 °C; relative humidity: 45 % ± 5 %), it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Door side in the opening direction Cycle time = 11 s; Break = 1 s Minutes per cycle: 5 min Velocity = 50 mm/s; Path = 400 mm	4
Opposite door side of the opening direction Cycle time = 11 s; Break = 1 s Minutes per cycle: 5 min Velocity = 50 mm/s; Path = 400 mm	4
<b>Overall result</b>	<b>4</b>

Please note: Transport damages, incorrect installation, oil leakage, aging behavior, corrosion etc. can influence the test result.

IT 2502-1594      Stuttgart, April 16, 2025  
Report No. first document      Place, date of first document issued

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Report No. current document      Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under [www.tested-device.com](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.