



valid until: October 30, 2029

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Atlas Copco IT AB

ETD M80 ABL V2

**Report No. AT 2408-1545**

Single product  
Particle Emission  
in Cleanroom  
(atmospheric)

## Qualification Certificate

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

**Atlas Copco Industrial Technique AB**  
Stockholm, Sweden

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number AT 2408-1545.

The screwdriver ETD M80 ABL V2 (color: black) in combination  
with controller and power supply was assessed in compliance  
with ISO 14644-14. When operated under the specified test  
conditions (room temperature:  $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ; relative humidity:  
 $45\% \pm 5\%$ ), 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
Screwdriver: <ul style="list-style-type: none"><li>• Installation position = horizontal</li><li>• Velocity = 1000 rpm</li><li>• Cycle = movement: 15 s</li><li>• Break between cycles = 5 s</li></ul>	6
Controller	1
Power supply	3
<b>Overall result</b>	<b>6</b>

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

AT 1907-1122

Report No. first document

Stuttgart, October 8, 2019

Place, date of first document issued

AT 2408-1545

Report No. current document

Stuttgart, October 30, 2024

Place, current date

on behalf of

Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

This document only  
applies to the named  
product in its original state  
and is valid for a period of  
5 years from the current  
date the 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.



## Fraunhofer

IPA