



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Atlas Copco  
ICB-A21-07-06-HMI  
**Report No. AT 2110-1262**

### Single product Particle Emission

### Qualification Certificate

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

**Atlas Copco Industrial Technique**  
Stockholm, Sweden

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number AT 2110-1262.

The Angle Cordless Nutrunner Tensor ICB-A21-07-06-HMI in combination with Battery 18V as well as the FLEX CHARGER 18-36V in combination with Battery 18V were assessed in compliance with ISO 14644-14. When operated under the specified test conditions, 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
Nutrunner in combination with battery: <ul style="list-style-type: none"><li>• Installation position: horizontal</li><li>• Velocity: <math>v = 40 - 250</math> rpm</li><li>• Movement: 2 s; Break: 8 s</li></ul>	7
Battery in combination with charger <ul style="list-style-type: none"><li>• Installation position: vertical</li></ul>	1
<b>Overall result</b>	<b>7</b>

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

AT 2110-1262  
Report No. first document

Stuttgart, November 9, 2021  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of   
Dr.-Ing. Frank B rger, 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 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.