# OIML Certificate

**OIML Member State**
The Netherlands

Number R106/2011-A-NL1-25.01 revision 1
Project number 4098594


| | |
|---|---|
| Issuing authority | NMi Certin B.V.<br>Person responsible: M.Ph.D. Schmidt |
| Applicant and Manufacturer | AMTAB Advanced Measurement Technologies AB<br>Propellervägen 6B<br>SE-183 68 Täby<br>Sweden |
| Identification of the certified type | An **Automatic rail-weighbridge**<br>Type : AMTAB WIM-8 |
| Characteristics | See next page |

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**OIML R 106-1**:2011 for accuracy class 0,5 or 1 or 2

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.
This Certificate does not bestow any form of legal international approval.

*Important note:* Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority

**NMi Certin B.V., OIML Issuing Authority NL1**
31 March 2026

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Report:

- No. NMi-3783617-01 dated 26 June 2025 that includes 27 pages.

**Characteristics of Automatic rail-weighbridge:**

| | | | |
|---|---|---|---|
| Accuracy class wagon mass | | 0,5, 1, or 2 | |
| Accuracy class train mass | | 0,5, 1, or 2 | |
| Maximum wagon mass (Max) | | 180 t | |
| Minimum wagon mass | | 10 t | |
| Minimum capacity | | Min ≥ 5 t | |
| Scale interval | | d ≥ 0,1 t | |
| Maximum operating speed | | $V_{max}$ = 8 km/h | |
| Minimum operating speed | | $V_{min}$ = 3 km/h | |
| Direction of weighing | | Forward and reverse | |
| Maximum number of wagons per train | | $Nw_{max}$ > 30 | |
| Minimum number of wagons per train | | $Nw_{min}$ = 1 | |
| Electromagnetic Environment class | | E2 | |
| Climatic environment | | Indicator | Mechanical assembly with load cell |
| | Humidity | Non-condensing | Condensing |
| | Location | Closed | Open or closed |
| | Temperature range | -10 °C / +40 °C | -25 °C / +40 °C |
| Power supply voltage | | 100 – 240 V AC 50/60 Hz | |
| Weighing methods | | Full-draught weighing<br>Coupled wagon weighing<br>Train weighing | |
| Application | | cannot be used to weigh wagons carrying liquids or other products that may be subjected to fluctuations in its gravity centre with wagon movement | |
| Wagons pushed/pulled | | Pushed or/and pulled | |
| Wagons coupled/uncoupled | | Coupled | |
| Software identification | Firmware version | v7.6.0 | |
| | Firmware checksum | 753caf3d | |
| | GUI version | v1.6.1 | |

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**Revision History**

This revision replaces the previous version.

| Revision | Date | Change(s) |
|---|---|---|
| 0 | 2025-06-26 | Initial issue. |
| 1 | 2026-03-31 | Software version update from pre-release version to production version. |