OIML Certificate

OIML Member State
The Netherlands

Number R106/2011-A-NL1-25.01 revision 0
Project number 3783617

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	AMTAB Advanced Measurement Technologies AB Propellervägen 6B SE-183 68 Täby Sweden
Identification of the certified type	An **Automatic rail-weighbridge** 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 - Edition 2011 for accuracy class 0,5, 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
26 June 2025

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 the non-automatic weighing instrument:

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 Coupled wagon weighing 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	v7.4.9-6-g73787f0	
	Firmware checksum	9f7d27a8	
	GUI version	v1.6.0	

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Revision History

Revision	Date	Description of the modification
0	26 June 2025	Initial issue.