

**OIML Member State**  
The Netherlands

Number R51/2006-A-NL1-24.03 revision 0  
Project number 3676667  
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Issuing authority

NMi Certin B.V.  
Person responsible: M.Ph.D. Schmidt

Applicant and  
Manufacturer

Caterpillar Inc  
100 NE Adams St  
Peoria, IL 61629  
United States of America

Identification of the  
certified type

An **Automatic catchweighing instrument**  
Type : N8N

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 51-1:2006** for accuracy class Y(b)

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.

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Issuing Authority

**NMi Certin B.V., OIML Issuing Authority NL1**  
15 November 2024

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-3676667-01 dated 15 November 2024 that includes 31 pages;
- No. NMI-3676667-02 dated 15 November 2024 that includes 16 pages;
- No. NMI-3676667-03 dated 15 November 2024 that includes 14 pages;
- No. NMI-3676667-04 dated 15 November 2024 that includes 23 pages.

### Characteristics of the automatic catchweighing instrument

Destined to be used as	Catchweigher installed into a front-end loader	
Accuracy class	Y(b)	
Minimum capacity	Min $\geq 10 e$	
Verification scale interval	$e \geq 1 \text{ kg}$	
Weighing range	Single interval	
Maximum number of scale intervals	$n \leq 164$	
Maximum tilt	Position	Angle
	Forward (pitch up)	5°
	Backward (pitch down)	3°
	Right side / Left side	3°
Electromagnetic environment class	E3	
Mechanical environment class	instrument can be incorporated into vehicles	
Climatic environment	temperature range	-20 °C / + 50 °C
	humidity	non-condensing
	intended location	closed
Power supply voltage	24 V DC	
Software identification	Configuration	Version number
	Standalone	4.0.x (x = date)
	Advanced	4.1.x (x = date)

Software:

- The payload for trade measurement software identifier is presented in the display under "Service → Payload for Trade → Summary → Software Version". Changes to this identifier can be viewed in the event logger available in the display under "Service → History".



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## Revision History

Revision	Date	Change(s)
0	2024-11-15	Initial issue.