



Evaluation report

Number **ER8657** revision 2
Project number 2593513
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Issued by	NMi Certin B.V.
Relevant document	WELMEC 8.8 "General and Administrative Aspects of the Voluntary System of Modular Evaluation of Measuring instruments under the MID"
Producer	Flintec UK Limited Caxton House, Caxton Place CF23 8HG Cardiff United Kingdom
Measuring instrument	A compression load cell Type : RC3 RC3-TS
Result	<p>This Evaluation Report has been issued in support of Test Certificate / Parts Certificate TC8657 revision 2, demonstrating that the instrument has been tested and approved in accordance with the harmonized standards or normative documents as mentioned above and on the following pages.</p> <p>The executed evaluations, reference documents and reports used during the examination are described on the following pages.</p>

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1 Harmonized standards, normative documents and / or recommendations

The compression load cell is examined in accordance with the relevant document listed in this Evaluation Report, page 1.

The following harmonized standards, normative documents and / or recommendations are applied:

- OIML R 60 (2000) Metrological regulation for load cells;
- OIML R 60 (2017) Metrological regulation for load cells;
- EN 45501:2015 Metrological aspects of non-automatic weighing instruments;
- WELMEC 2.4 Issue 2 Guide For Load Cells;
- R 60 OIML-CS rev.2 Additional requirements from the United States Accuracy class IIII;
- R 60 OIML-CS rev.2 Additional requirements from the United States Marking requirements.

2 Reports

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

Test	Part / Type	Report	Remarks
Complete evaluation	Model: RC3 $E_{Max} = 25 \text{ t}$	NMi-14200617-01	-
Complete evaluation	Model: RC3 $E_{Max} = 7,5 \text{ t}$	NMi-2593513-01	-
Complete evaluation	Model: RC3 $E_{Max} = 25 \text{ t}$	NMi-2593513-02	Re-evaluation of report NMi-14200617-01

A report can be a test report, an evaluation report, a type evaluation report and/or a pattern evaluation report.

3 Additional Evaluations

This Evaluation Report is supplemented by the following additional evaluations:

Test	Part / Type	Document	Remarks
Load cell family	Specifications included without testing $7,5\text{t} \leq E_{max} \leq 100 \text{ t}$	R 60-2 (2017) clause 2.4	-

4 Revision History

Project no.	Rev.	Date	Report / Document	Description / Remarks
2593513	2 ¹	2021-09-03	NMi-14200617-01 NMi-2593513-01 NMi-2593513-02	Initial issue

¹ Revision 0...1 are not issued. This first issue is numbered revision 2 in order to keep the numbering synchronised with the numbering of the revisions of Test Certificate / Parts Certificate TC8657.