



Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R51/1996-GB1-07.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory**
Address: **Stanton Avenue
Teddington
Middlesex
TW11 0JZ
United Kingdom**

Person responsible: **Mr. Paul Dixon – Product Certification Manager**

Applicant

Name: **Loadrite Ltd**
Address: **8 Walls Road
Penrose, Auckland
New Zealand**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

Loadrite Pro LR918 Legal for Trade System

Further characteristics see page 2

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML:	R51
Edition:	1996 (E)
Accuracy class:	Y(b)

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

The conformity was established by tests described in the associated test reports: NWML TR0513 which includes 36 pages, Intertek EM07025108 which includes 7 pages, Ferranti ET1759 which includes 4 pages; and the associated pattern evaluation checklist G20047 which includes 12 pages.

The issuing authority

The CIML member



Mr. Paul Dixon

Dr. Jeff Llewellyn

for NWML

Date 31 May 2007

Ref: T1128/0032

Characteristics: This pattern of a vehicle-mounted, battery-operated automatic catchweighing instrument comprises an electronic indicator, hydraulic pressure transducers and sensors. It automatically determines the load in the vehicle's bucket during the lifting process. The hydraulic pressure in the loader's arms is measured by a pressure transducer, the output being used by the indicator to display the corresponding weight. The indicator may be connected to a printer and/or a data storage device.

Maximum capacity (Max)	: $\leq 250 e$
Scale interval	: $1 \text{ kg} \leq e \leq 200 \text{ kg}$
Minimum capacity (Min)	: $10 e$
Pressure transducer	: Loadrite Model LC965B
Transducer measuring range	: 0...350 bar
Transducer output signal	: 4...20 mA
Temperature range	: -20 °C to +50 °C
Power supply	: 11-32 V DC
Display/keyboard location	: Indicator console in cabin
Accuracy class	: Y(b)

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 or of the associated test report is not permitted, though they may be reproduced in full.