CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

New World Technologies, Inc.
aka RAD Torque Systems
100-30722 Marshall Road
Abbotsford, BC V2T 0H9
Canada
(and satellite location as listed on the scope)

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 26 July 2024
Certificate Number: L2325

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

New World Technologies, Inc.

aka RAD Torque Systems
100-30722 Marshall Road
Abbotsford, BC V2T 0H9
Pat McFadden 604-852-0405

CALIBRATION

Valid to: **July 26, 2024** Certificate Number: **L2325**

Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Pneumatic Torque Wrenches	(34 to 15 000) N·m	1.4 % of reading	Torque Transducer and Display Unit per New World Technologies' procedures
Electronic Torque Wrenches	(34 to 15 000) N·m	0.4 % of reading	
Electric Torque Wrenches	(47 to 7 000) N·m	1 % of reading	
Torque Transducers	(34 to 16 270) N·m	0.24 % of reading	Torque Arms, Masses

Services performed at satellite location

aka RAD East Torque Systems
4696 Bartlett Road, Unit 13
Beamsville, ON L0R 1B1

Mass and Mass Related

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Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2325.

R. Douglas Leonard Jr., VP, PILR SBU