


Schedule to CERTIFICATE OF ACCREDITATION	
Laboratory	Temprecord International Limited
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Telephone	09 274-9825
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URL	www.temprecord.com
Authorised Representative	Mr Greg Hall Laboratory Manager
Client No.	6964
Programme	Metrology & Calibration Laboratory
Accreditation Number	814
Initial Accreditation Date	4 March 2002
Conformance Standard	NZS ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories
Testing Services Summary	5.35 Hygrometry 5.61 Temperature Measuring Equipment
Signatories	Mrs Joanne Chen 5.35, 5.61 Mr Greg Hall 5.35, 5.61 Mrs Liz Li 5.35, 5.61 Ms Rosalie Montederamos 5.61

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Calibration temperature 20 °C.
 All measurement uncertainties are based on a level of confidence of at least 95 %.
 Unless stated elsewhere in this schedule, calibrations are performed at the premises of the accredited laboratory.

5.35 Hygrometry

(a) Humidity measuring devices

Two point calibration of relative humidity loggers

Range 12 % RH to 85 % RH	Least uncertainty of measurement
	± 1.0 % RH (at a dry bulb temperature range of 20 °C to 30 °C and a dew point range of -6 °C to 23 °C)

5.61 Temperature Measuring Equipment

(including temperature calibration of electronic thermometers)

(e) Thermistors and other semi-conductor thermometers

Calibration of thermistor based temperature loggers

Three point calibration

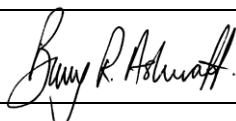
Calibration temperature range

For loggers without probes (internal sensor)	Least uncertainty of measurement
-15 °C to 40 °C	± 0.061 °C (routinely 0.2 °C from -15 °C to 40 °C in the F3 machine)

For loggers with probes (external sensor)

-38 °C to 130 °C	± 0.056 °C (routinely 0.2 °C from -20 °C to 50 °C in the dry block calibrator)
	± 0.02 °C (routinely 0.2 °C from -20 °C to 50 °C in a stirred liquid bath)

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Single point calibration

For loggers without probes (internal sensor)

-24 °C to 80 C

± 0.061 °C (in a stirred liquid bath with equalising block)

For loggers with probes (external sensor)


-24 °C to 130 °C

± 0.056 °C (in the dry block calibrator)

-24 °C to 130 °C

± 0.036 °C (in a stirred liquid bath)

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