


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

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Temprecord International Limited  
 Metrology & Calibration Laboratory  
**SCOPE OF ACCREDITATION**

Accreditation No 814

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 and glass thermometers)

(e) Thermistors and other semi-conductor thermometers

Calibration of thermistor based temperature loggers

Three point calibration

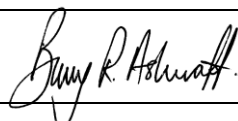
Calibration temperature range

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)
	± 0.036 °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)

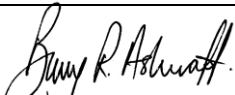
-24 °C to 130 °C

± 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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