MINISTRY OF CONSUMER AFFAIRS
MANATŪ KAIHOKOHOKO

MINISTRY OF CONSUMER AFFAIRS

Wellington, New Zealand

CERTIFICATE OF APPROVAL

Weights and Measures Regulations 1999
Part 1 Regulations 5 and 6

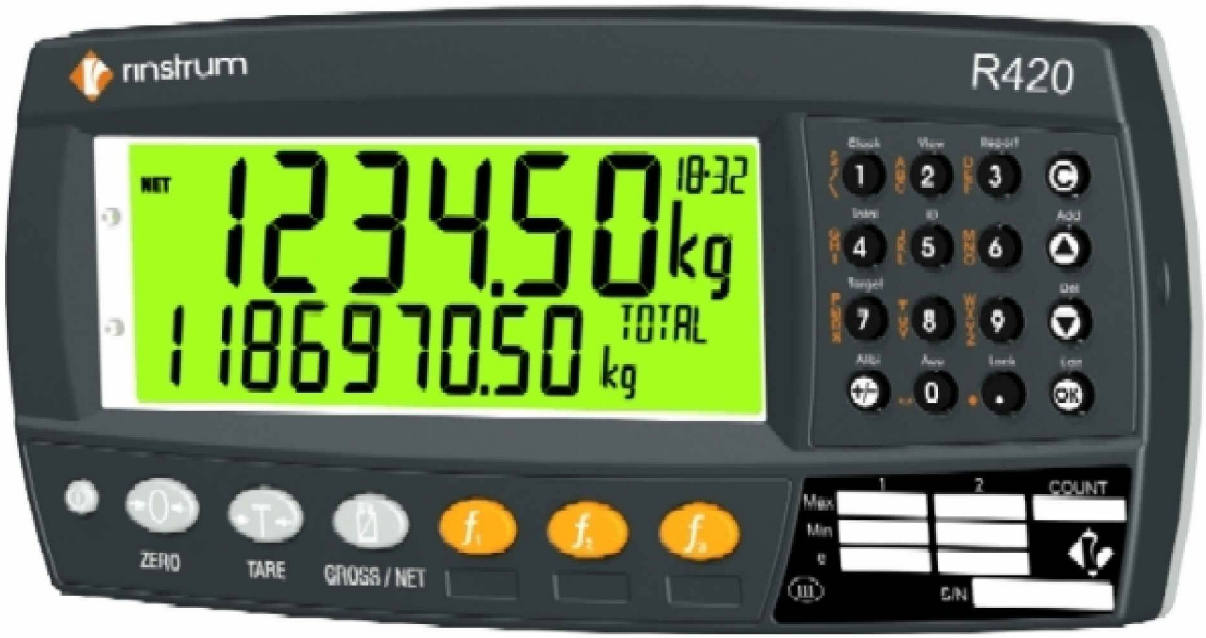
Current Date of Issue: 03 July 2009
Original Date of Issue: 17 March 2006

Certificate 1813

Overseas Certificate No: NMi-T6822

This certifies that the RINSTRUM R 420, Indicating Device described overleaf has been approved as suitable for trade use subject to any conditions stated in the schedule:

Rinstrum R420 Weighing Indicator



S R Bobbala **J P Crane**

Under delegated authority from the Chief Executive of The Ministry of Economic Development

Note: This is not an approval to any person but only with respect to the type and pattern of weight, measure, or weighing or measuring instrument.

SCHEDULE

Pattern: Indicating Device

Make: RINSTRUM

Model: R 420

Manufacturer: Rinstrum Pty Ltd, Queensland, Australia.

Submitter: Rinstrum Pty Ltd, Queensland, Australia.

Description:

The Rinstrum Model R 420 Series of weighing indicators are capable of single/multi interval or multi range indication. The maximum number of verification scales are limited to the Class of the instrument i.e.

n <= 10,000 maximum for Class III instrument;
n <= 1000 maximum for Class IIII instrument.

The metrological relevant software has an identification number in the format 1.xx, where “xx” stands for numbers between 00 and 99. The identification number will be displayed at the start-up.

ZERO SETTING DEVICES

Initial zero setting:- not more than 20% of maximum capacity.
Semi-automatic zero setting:- not more than 4% of maximum capacity.
Zero tracking device:- not more than 4% with corrections <= 0.5d/second
Accuracy +/- 0.25e.

METROLOGICAL MARKINGS

A plate, which carries the metrological markings, is affixed to the side of the instrument.

Manufacturer’s name	.....
Serial number	
Accuracy class	....
Pattern approval No	TMU/TSS 1813
Max cap*	.....
Temperature Range	-10˚ C to 40˚ C
Min cap*	.....
Verification scale interval*	.....
Tare capacity	….

*These markings shall also be shown near the display.

Components: Any Compatible Approved Load Cell

Sealing: Access to the calibration switch is restricted by using an approved, adhesive destructible lable placed on any of the screws at the back of the indicator housing. The seal shall take the Mark of Verification. Removal of the seal deems the instrument not verified.

Mark of Verification: An approved, adhesive, destructible label, placed in a prominent position may take a mark of verification

Temperature: -10˚ C to 40˚ C

Rinstrum Sealing Diagram