CANCELLED

6/10B/57
22 May 2002

National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Certificate of Approval

No 6/10B/57

Issued under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that the approval for use for trade granted in respect of the

Doyle Model 10TSSV Weighing Instrument

submitted by Rice Lake Weighing Systems
230 West Coleman Street
Rice Lake WI 54868
USA

has been cancelled in respect of new instruments as from 1 June 2002.

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

National Standards Commission

Certificate of Approval

No 6/10B/57

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

This is to certify that an approval for use for trade has been granted in respect of the

Doyle Model 10TSSV Weighing Instrument

submitted by Rice Lake Weighing Systems
230 West Coleman Street
Rice Lake WI 54868
USA.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

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CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 November 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6/10B/57 and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0/A.

This approval shall NOT be used in conjunction with General Certificate No 6B/0.

DESCRIPTIVE ADVICE

Pattern: provisionally approved 14 October 1996
approved 31 July 1997

- A Doyle model 10TSSV hopper weighing instrument of 10 000 kg maximum capacity. May also be known as a Kraus model 10TSSV.

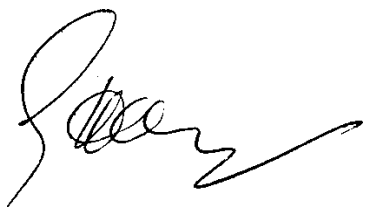
Technical Schedule No 6/10B/57 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/10B/57 dated 5 December 1997
Technical Schedule No 6/10B/57 dated 5 December 1997 (incl. Test Procedure)
Figures 1 to 4 dated 5 December 1997

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.



TECHNICAL SCHEDULE No 6/10B/57

Pattern: Doyle Model 10TSSV Weighing Instrument.

Submittor: Rice Lake Weighing Systems
230 West Coleman Street
Rice Lake WI 54868
USA.

1. Description of Pattern

A Doyle model 10TSSV weighing instrument of 10 000 kg maximum capacity and approved for use with up to 2000 verification scale intervals (Figure 1). Instruments may also be known as Kraus model 10TSSV.

1.1 Basework

The hopper is supported by a Rice Lake model PLS-25-Y lever system and has a single load cell connected to the transfer lever (Figure 2).

1.2 Load Cell

A single Rice Lake model RL20000A-3K load cell of 1 360 kg maximum capacity is used and is mounted as shown in Figure 3.

1.3 Indicator

A Rice Lake model SURVIVOR Special III-1B digital indicator (Figure 4) is used.

Zero is automatically corrected to within ±0.25 e whenever power is applied and whenever the instrument comes to rest within 0.5e of zero.
The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

The indicator may be fitted with output sockets for the connection of auxiliary and/or peripheral devices.

A display check is initiated whenever power is applied or when the test button is pressed.

1.4 Tare

A semi-automatic subtractive taring device of up to the maximum capacity of the instrument may be fitted.

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1.5 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.6 Sealing Provision

Provision is made for the calibration adjustments in the indicator to be sealed by means of one of the screws connecting the casing halves.

1.7 Markings

Instruments carry the following markings, in the form shown at right:

Manufacturer's mark, or name written in full	
Indication of accuracy class	(III)
Maximum capacity	*Max* ..... kg *
Minimum capacity	*Min* ..... kg *
Verification scale interval	*e =* ..... kg *
Serial number of the instrument	
Serial number of the indicator (#)	
Serial number of the load cell (#)	
Pattern approval mark for the instrument	NSC No 6/10B/57

* These markings shall also be repeated near each reading face if they are not already located there.

\# Alternatively, this may be marked adjacent to the verification mark.

TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

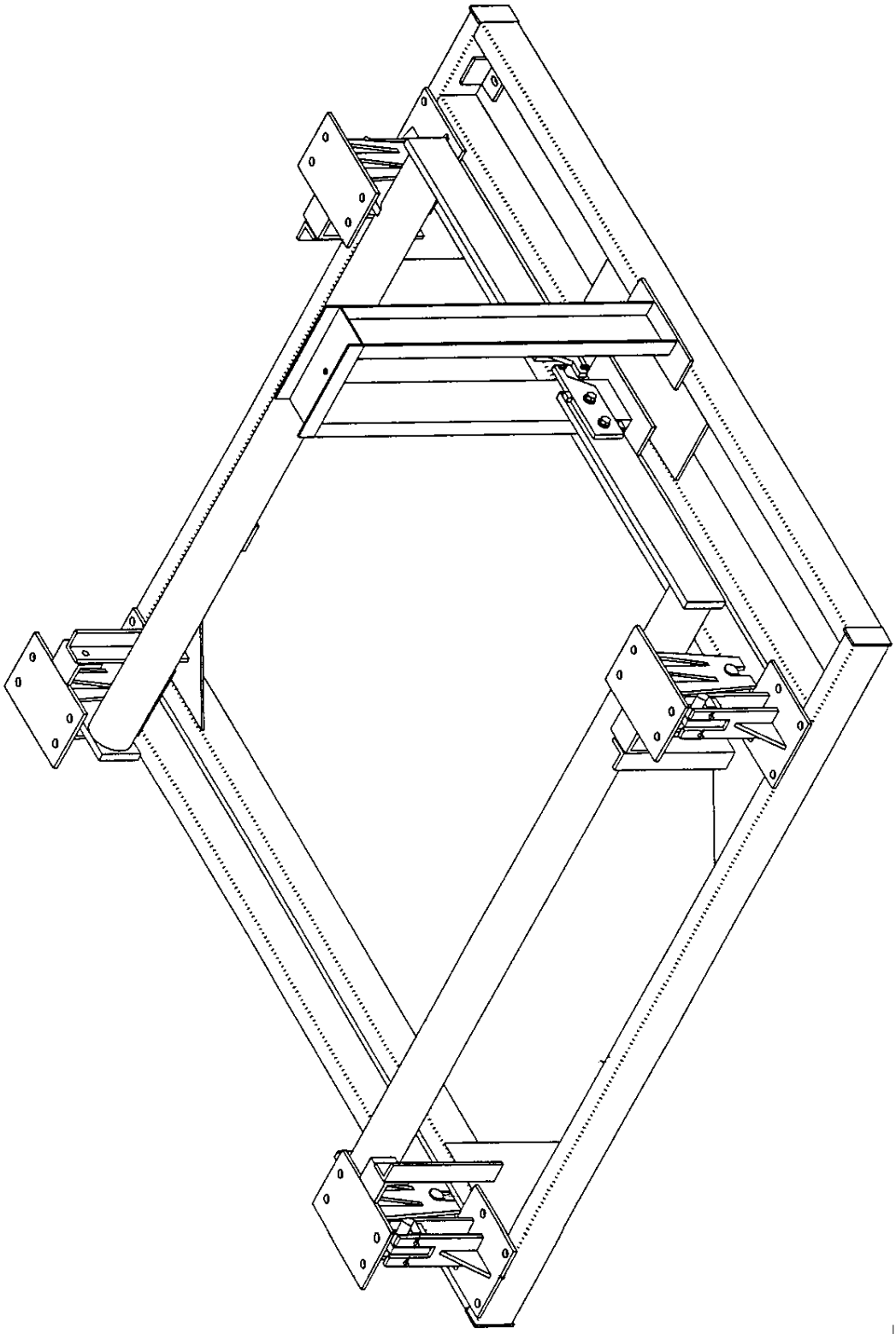
The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, *m*, expressed in verification scale intervals, e, are:

$\pm 0.5\ e$ for loads $0 \leq m \leq 500$; and
$\pm 1.0\ e$ for loads $500 < m \leq 2\ 000$.

FIGURE 6/10B/57 - 1

Doyle/Kraus Model 10TSSV Hopper*

FIGURE 6/10B/57 - 2



Showing Lever System

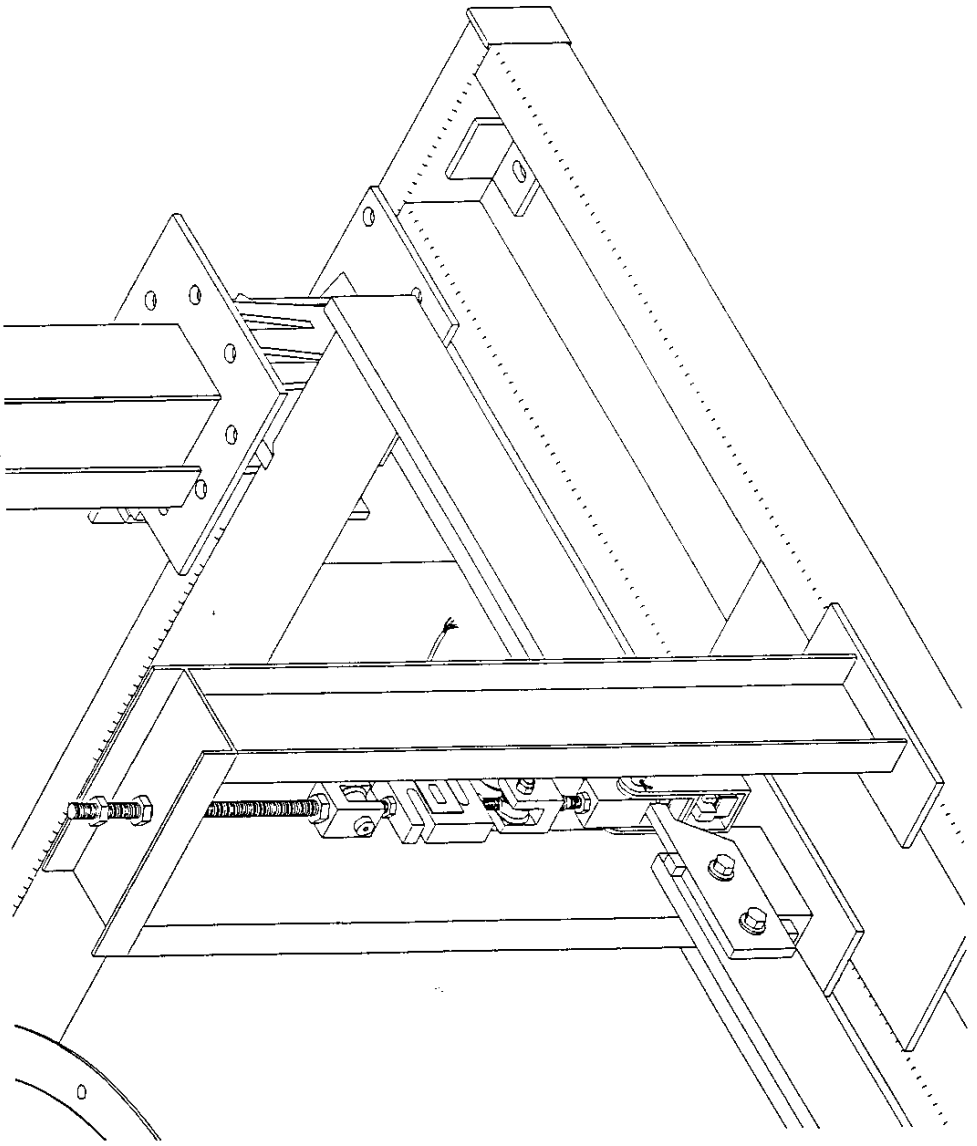


FIGURE 6/10B/57 - 3

Showing Load Cell Mounting

FIGURE 6/10B/57 - 4

Rice Lake Model SURVIVOR Special III-1B