



United Kingdom of Great Britain and Northern Ireland

**Certificate of EC type-examination of a
measuring instrument
Number: UK/0126/0021**

issued by the Secretary of State for Innovation, Universities and Skills
Notified Body Number 0126

In accordance with the requirements of the Measuring Instruments (Material Measures of Length) Regulations 2006 (SI 2006/1267) and the Measuring Instruments (Non-Prescribed Instruments) Regulations 2006 (SI 2006/1270) which implement, in the United Kingdom, Council Directive 2004/22/EC, this certificate of EC type-examination has been issued to:

**Ningbo Land Industrial Co Ltd
Zhejiang Newland Industrial Holding Co Ltd
68 Chengdong Road
YuYao City
Zhejiang
China 315400**

in respect of: Material measure of length
accuracy class: II
nominal length and width: 2 m x 12.5 mm

Additional models, lengths and widths are described in Section 7 of the descriptive annex to this certificate.

Signatory: P Dixon
for Chief Executive
National Weights & Measures Laboratory
Department for Innovation, Universities and Skills
Stanton Avenue
Teddington
Middlesex TW11 0JZ
United Kingdom

Issue Date: 28 February 2008
Valid Until: 27 February 2018
Reference No: T1126/0008/20

Descriptive Annex

1 REGULATIONS

The measuring instrument in respect of which this certificate of EC pattern approval has been issued is subject to the provisions and requirements of the requirements of the Measuring Instruments (Material Measures of Length) Regulations 2006 (SI 2006/1267) and the Measuring Instruments (Non-Prescribed Instruments) Regulations 2006 which implement, in the United Kingdom, Council Directive 2004/22/EC.

2 DESCRIPTION OF THE PATTERN

The pattern is a small, composite, retractable measure, which may be in a case. The blade has a nominal length of 2 m and a nominal width of 12.5 mm, and is made of steel with a sliding hook at the free end. The hook is stamped with the number “1”. The blade has black and red markings on a yellow or white background protected by a clear film. The measure is graduated in millimetres throughout on both edges of the blade with half-centimetres also marked. The centimetre intervals are numbered consecutively from 1 to 9 which are repeated throughout the length of the blade. The 10-centimetre intervals are numbered consecutively throughout. The case is marked “<< 59 mm >>” to allow for internal measurements.

3 TECHNICAL DATA

- 3.1
- | | | |
|-----|-----------------|------|
| (a) | Accuracy class: | II |
| (b) | Nominal length: | 2 m |
| (c) | Scale interval: | 1 mm |

4 INSCRIPTIONS

The following inscriptions are marked at the beginning of the blade on the front face:

- | | | |
|-----|--------------------------------------|--------------------|
| (a) | Nominal length: | 2 m |
| (b) | Manufacturer's identification: | “LAND” and/or logo |
| (c) | Class of accuracy: | II |
| (d) | EC type approval certificate number: | UK/0126/0021 |

5 APPROVAL CONDITIONS

The certificate is issued subject to the following conditions.

5.1 Legends and inscriptions

5.1.1 The following markings and inscriptions are durably and legibly marked onto the blade of the tape measure: and fulfil the requirements of Paragraph 9 of Annex I of the Directive 2004/22/EC:

- ‘CE’ mark
- Supplementary metrology mark
- Notified Body number
- Accuracy class
- Manufacturers mark or name
- Certificate number

- Tractive force (if applicable)
- Reference temperature (if other than 20°C)

5.1.2 The model of the tape measure cases are identified by the series number. The following codes may follow the case series number to denote the associated blade width:

- W 16 mm
- E 19 mm
- X 25 mm
- -1 10mm
- Alternatively no series number denotes a nominal width of 12.5 mm.

6 LOCATION OF MARKS

6.1 The inscriptions in section 4 together with the ‘CE’ marking, supplementary metrology marking and notified body number are printed on the blade near the beginning.

7 ALTERNATIVES

7.1 Having alternative models of steel tape measure blade as described in Table 1 below.

Accuracy class	Nominal length (m)	Nominal widths (mm)
II	2	12.5, 16
II	3	12.5, 16, 19
II	5	12.5, 16, 19, 25
II	8	25
II	10	10, 12.5, 25
II	20	10, 12.5
II	30	10, 12.5
II	50	10, 12.5

Table 1

7.1.1 The blade may be enclosed in a case which is identified by the model series number, e.g. JC-203, where: JC (model), 2 (nominal length), 03 (case series number). The following table lists those cases which are marked with a case dimension for making internal measurements.

Accuracy class	Case series	Case marking (mm)
II	03	59
II	03	66
II	03	78
II	08	63
II	08	74

Accuracy class	Case series	Case marking (mm)
II	09	64
II	53	60
II	53	70
II	53	87
II	56	65
II	56	73
II	56	88
II	58	60
II	58	70
II	58	80
II	68	56
II	68	65
II	68	76
II	68	85
II	68	92
II	79	61
II	79	70
II	79	81
II	80	62
II	80	72
II	80	82.5
II	85	60
II	85	70
II	86	61
II	86	70
II	86	81

Table 2

7.1.2 The blade may be enclosed in a case which is identified by the model series number, e.g. LD-2N07W, where: LD (model), 2 (nominal length), N07 (case series number) and W (blade width), but which is not marked with a case dimension for making internal measurements.

7.1.3 The case may be fitted with any of the following:

- blade lock,
- belt clip
- wrist / carrying strap.

7.1.4 The case, which may be any colour, may be marked with a case dimension, as indicated in table 2, for making internal measurements. The strap should not interfere with the measurement when making internal dimension measurements.

7.1.5 The case may be fitted with a rubber sleeve / grip.

7.1.6 The belt clip shall not obscure case dimension markings.

7.1.7 Having the following markings, which are in addition to the manufacturer's identification of LAND and/or logo.

- FIVE STAR
- SEB
- CROSS
- BTS
- AUSONIA
- LUX

7.1.8 The steel blade has the zero mark offset by approximately 14 cm inwards from the end of the blade. The blade is terminated by a metal end ring, which is attached by means of a metal clamp approximately 15 mm long. The number of metres is also marked in the centre of every decimetre.

7.1.9 Having the following alternative model identifications for the additional markings specified in 7.1.7.

7.1.9.1

BTS Model number	Alternative Model Number
JC-G1009-1	BTS09-10M
JC-G2009-1	BTS09-20M
JC-G3009-1	BTS09-30M
JC-G5009-1	BTS09-50M
JC-GJ209-1	BTSJ09-20M
JC-GJ309-1	BTSJ09-30M
JC-GJ509-1	BTSJ09-50M
JC-290	BTS82-2M
JC-390W	BTS82-3M
JC-590E	BTS82-5M
JC-286	BTS75-2M
JC-386W	BTS75-3M
JC-586X	BTS75-5M

7.1.9.2

Model number	Alternative Model Number
JC-258	573522
JC-358W	573523
JC-558E	573524
JC-858X	824305
JC-282	573101
JC-382W	573102
JC-582E	573103
JC-882X	573104
JC-5N09E	870560

7.1.9.3

Model number	Alternative model number
JC-GJ309	417.30
JC-GJ509	417.50
JC-G2005	402.20
JC-386W	649.3.16
JC-386E	649.3.19
JC-586E	649.5.19
JC-586X	649.5.25
JC-1086X	649.10.25
JC-2008	4.20
JC-3008	4.30
JC-J506	4.50

7.2 Having alternative models of tape measure blade as described in table 3 below, manufactured from fibreglass. The blade is enclosed in a case with a winder and hand-strap.

Accuracy class	Nominal length (m)	Nominal widths (mm)
III	10	12.5
III	15	12.5
III	20	12.5
III	30	12.5
III	50	12.5

Table 3

7.2.1 The blade is graduated in 2-millimetre intervals along one edge on both sides of the blade. The centimetre intervals are numbered consecutively from 1 to 9 for each decimetre; this pattern is repeated throughout the blade. Half-decimetres are marked with an arrow. The number of metres is stated in red just before the decimetre designation. The scale markings are in black on a white background. The blade is terminated by a plastic ring, which is attached to it by a riveted metal strip approximately 2 cm long. A transparent plastic strip reinforces the blade for its first 14 cm (approximately).

7.2.2 The blade may have the zero mark offset by approximately 10 cm inwards from the end of the blade, a plastic strip is used to reinforce part of the offset area.

7.2.3 The blade may be enclosed in a case which is identified by the model series number, e.g. JC-1008, where: JC (model), 10 (nominal length), 01 (case series number). The cases are not marked with a case dimension for making internal measurements.

8 ILLUSTRATIONS

Figure 1	The pattern	Figure 2	Series 03 case
Figure 3	Series 08 case	Figure 4	Series 09 case
Figure 5	Series 53 case	Figure 6	Series 56 case
Figure 7	Series 58 case	Figure 8	Series 68 case
Figure 9	Series 79 case	Figure 10	Series 80 case
Figure 11	Series 86 case	Figure 12	Series 57 case
Figure 13	Series 67 case	Figure 14	Series 82 case
Figure 15	Series 84-1 case	Figure 16	Series 87 case
Figure 17	Series 88 case	Figure 18	Series 90 case
Figure 19	Series 92 case	Figure 20	Series 96 case
Figure 21	Series N02 case	Figure 22	Series N05 case
Figure 23	Series G09 case	Figure 24	Series 85 case
Figure 25	Series N07 case	Figure 26	Series N09 case
Figure 27	Additional ID mark	Figure 28	Additional ID mark
Figure 29	Additional ID mark	Figure 30	Additional ID mark
Figure 31	Additional ID marks	Figure 32	Offset zero mark
Figure 33	Fibreglass blade example	Figure 34	Offset Fibreglass blade
Figure 35	Fibreglass Series 01 case	Figure 36	Fibreglass Series 08 case
Figure 37	Fibreglass Series 12 case	Figure 38	Fibreglass Series J06 case
Figure 39	Fibreglass Series J03 case	Figure 40	Fibreglass Series J02 case

9 CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
UK/0126/0021	28 February 2008	Type examination certificate first issued.



Figure 1 Example of the Pattern

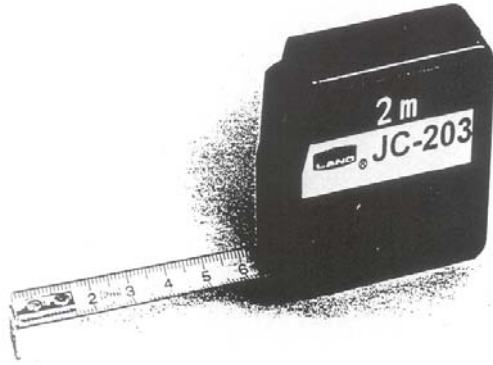


Figure 2 Case style – 03 series



Figure 3 Case style – 08 series



Figure 4 Case style – 09 series

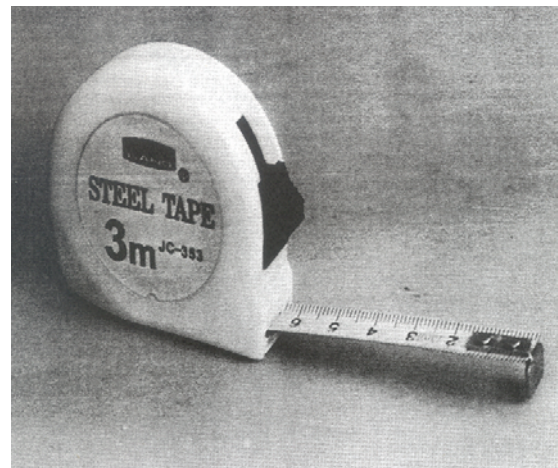


Figure 5 Case style – 53 series



Figure 6 Case style – 56 series



Figure 7 Case style – 58 series

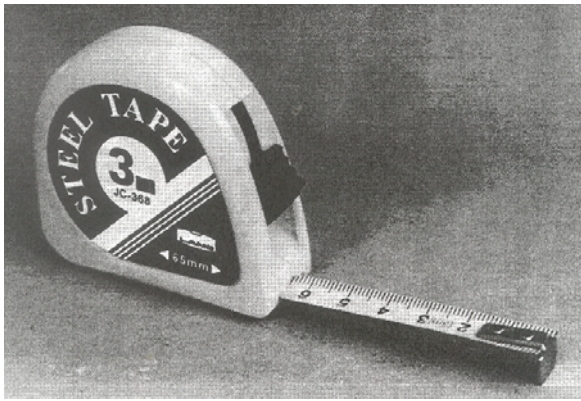


Figure 8 Case style – 68 series



Figure 9 Case style – 79 series



Figure 10 Case style – 80 series



Figure 11 Case style – 86 series



Figure 12 Case style – 57 series



Figure 13 Case style – 67 series



Figure 14 Case style – 82 series



Figure 15 Case style – 84-1 series



Figure 16 Case style – 87 series



Figure 17 Case style – 88 series



Figure 18 Case style – 90 series



Figure 19 Case style – 92 series



Figure 20 Case style – 96 series



Figure 21 Case style – N02 series



Figure 22 Case style – N05 series



Figure 23 Case style – G09 series



Figure 24 Case style – 85 series



Figure 25 Case style – N07 series



Figure 26 Case style –N09 series



Figure 27 Additional identification mark: BTS



Figure 28 Additional identification mark: FIVE STAR



Figure 29 Additional identification mark: SEB



Figure 30 Additional identification mark: Ausonia



ELLIX



Figure 32 Offset Zero Mark



Figure 33 Fiberglass blade

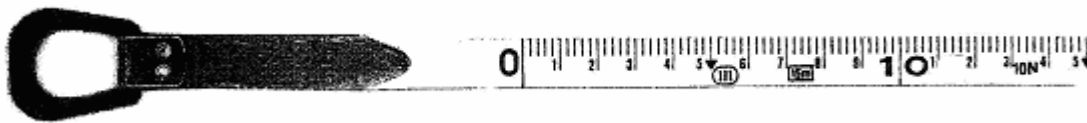


Figure 34 Fiberglass Blade with offset zero mark

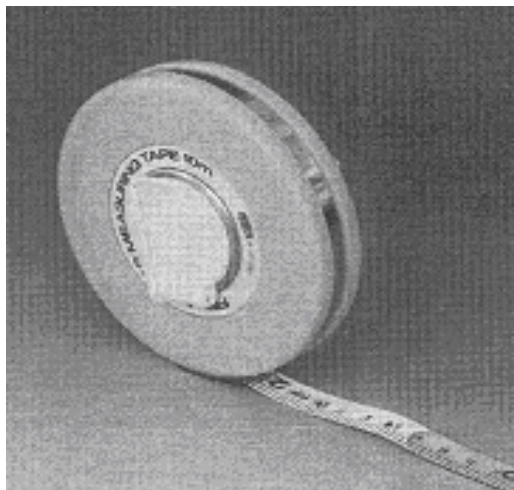


Figure 35 Fiberglass Case style – 01 series



Figure 36 Fiberglass Case style – 08 series



Figure 37 Fibreglass Case style – 12 series



Figure 38 Fibreglass Case style – J06 series

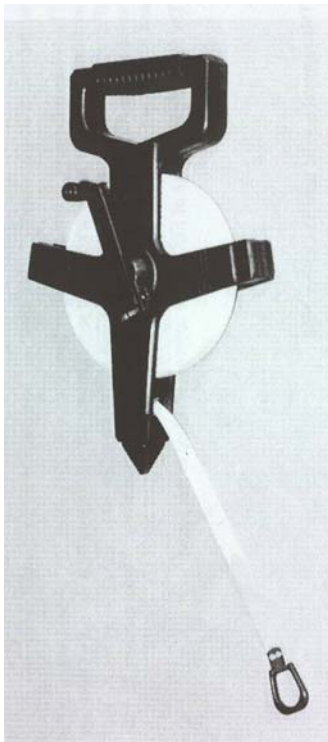


Figure 39 Fibreglass Case style – J03 series



Figure 40 Fibreglass Case style – J02 series