

Works	test certificate for tape		
No	6.417		

Article:		g tape of carbon steel according to IPM-Specification ame with dip weight "B1m-IPM"			
Type No.:	414MS-IP	M8 / 20 m with dip weight "B	1m-IPM"		
Material:	carbon ste	el dimension: 13 x 0	25 mm		
Graduation:	front side: reverse sid	mm de:			
Inscription:	IPM 8, 15 I	N, 20°C, Length, Richter, Made in Germany			
Accuracy:	+ / - 1,5 mm on total length upto 30 m, at longer tapes for each further 30 m interval and part thereof the same tolerance is allowed				
Dip weight:	Dip weight of brass, torpedo pattern, weight 675 g, length 152,4 mm is included in measurement				
Connection:	tape end is fitted with a brass hook with locking screw in order to prevent the dip weight from accidentially loss				
Frame:	Brass frame with oblique wooden handle, metal winding core and metal winding arm for rewind of the measuring tape				
Type of measure	stroke – end measure, because the end graduation of the dip weight is determined by a plane surface and the end mark at the nominal length is determined by a stroke				
Test procedure	The measuring points specified in the test certificate have been test on a 30 m length comparator by means of Laser Interferometer System "ZLM 700" (Nr.: 400402)				
Coefficient of ther-mal expansion	AND THE RESERVE OF THE PROPERTY OF THE PROPERT				
Errors:	The errors are indicated in + or – to the corresponding metre value. "+" before the value means, the controlled measuring tape is to long "-" before the value means, the controlled measuring tape is to short				
Errors found:	The errors are listed on the attached report				
Unsecurity:	the unsecurity in the error determination is +/- 0,2 mm				
Date: 30.08.2017		Examiner: Hösl Oliver	Signature: FRIEDBOX BCHTER Meßwerzgright EmbH & Co KG 95468 80 CHERSDORF		



Messobjekt:

6.417

Messprotokoll

Laserwegmesssystem ZLM

Uhrzeit: 9:30:56 Bearbeiter: Hösl

Datum:

Blatt:

Messgerät: **ZLM Weg**

30.8.2017

von: 1

Wegabweichung (Mikrometer) -300 -350



Weg-Punktnummer-Diagramm

Weg	Wegabweichung
(Meter)	(Millimeter)
8.000000000	-0.269
13.0000000000	-0.340
18.0000000000	-0.543