
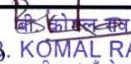

 HYD	PRODUCT STANDARD	TC 65286 REV NO : 00 PAGE 1 of 3
<p style="text-align: center;"><u>TECHNICAL SPECIFICATION OF HAND HELD TACHOMETER</u></p> <p>1.0 Scope :</p> <p>The hand-held tachometer shall accurately measure rotational and surface speed. The Tachometer shall perform non-contact measurement by using the infrared beam or laser function. It shall come with a LCD display that allows the user to easily read the measurement. It shall also have a built in memory function that permits automatic storage of maximum, minimum, average values plus the last measurement displayed.</p> <p>2.0 Principle of Operation:</p> <p>Infra-red or Laser beam technology</p> <p>3.0 Key Features :</p> <p>The Key Features of the instrument shall include</p> <ul style="list-style-type: none"> • Measures rotational and surface speed • Built-in memory • 5 digit Digital Display • Auto power off function • Easy to select units and mode functions • Contact and non-contact measurement <p>4.0 Parameters:</p> <p>3.1 Output: TTL compatible to Vibration data collectors</p> <p>3.2 Measuring Ranges :</p> <p>Optical speed: 0.5 to 99999 RPM;</p> <p>Contact speed: 1 to 19999 RPM</p> <p>Surface Speed: 0.05 to 1,999.9 m/min.</p> <p style="padding-left: 100px;">0.2 to 6,560 ft/min.</p> <p>3.3 Sensing Distance : 2" (min) to 24" (max)</p> <p>3.4 Operating temperature : 0-60°C</p> <p>3.5 Operating humidity : 80% RH</p>		
REF-DOC	Prepared : Kiran Kumar Sappati COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHEL. It must not be used directly or indirectly in any way detrimental to the interest of the company. 	Approved : B. Komala Rao Date : 21-01-2014 B. KOMALA RAO Testing (Compressors & D.T.) बीएचईल, हद./BHEL, HYD-502 032

 HYD	PRODUCT STANDARD	TC 65286 REV NO : 00 PAGE 2 of 3
<p>3.6 Accuracy: $\pm 0.05\%$ V. reading ± 1 Digit</p> <p>3.7 Resolution : 0.1 RPM (< 1000 RPM)</p> <p>1 RPM (≥ 1000 RPM)</p> <p>5.0 Accessories:</p> <p>Accessories shall include all adapters, Carrying Case, Reflective Tapes, one set of battery and one operating manual.</p> <p>BHEL Material Code : TC9765286007</p>		
REF-DOC	Prepared : Kiran Kumar Sappati	Approved :  B. Komala Rao Sr. Manager, Testing (Compressors & D.T.)
Date : 21-01-2014 COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHEL. It must not be used directly or indirectly in any way detrimental to the interest of the company.		

TD-106-3 Rev No. 5 Form No.	 HYDERABAD	PRODUCT STANDARD HYDERABAD		TC 65286		
				Rev No. 00		
				Page 3 of 3		
COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED, It must not be used directly or indirectly in any way detrimental to the interest of the company.		RECORD OF REVISIONS				
		Rev. No.	Date	Revision Details	Revised By	Approved By
		00	21.01.14	FIRST ISSUE	K.K.S	B.K.R
		Ref. Doc.				