





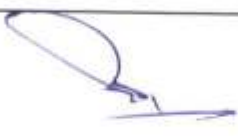
# ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)  
P. B. 760, ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India. Gram : ELECSEARCH  
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## TEST REPORT

Sheet 1 of 2

<b>NAME &amp; ADDRESS OF CUSTOMER</b>  RISHABH INSTRUMENTS PVT. LTD., F-31, MIDC, SATPUR, NASIK, Pin - 422 007	<b>REPORT NO.:</b> EE/MTR/02/177 <b>DATE:</b> 25/5/2006					
	<b>CUSTOMER REF No.:</b> NIL dtd.: 17/5/2006					
	<b>DATE OF SAMPLE RECEIPT</b>	<b>DATE OF TESTING</b>				
	17/5/2006	17/5/2006				
<b>SAMPLE DESCRIPTION</b> Analog-Digital Multimeter Make : Rishabh Model : <i>RISH Multi 16S</i> Measurement Category:1000V CAT III/600V CAT IV	<b>SAMPLE IDENTIFICATION</b>  <table border="0"> <tr> <td><b>SR.NO.</b></td> <td><b>ERDA CODE NO.</b></td> </tr> <tr> <td>270306</td> <td>EMTRWO0041014/2</td> </tr> </table>		<b>SR.NO.</b>	<b>ERDA CODE NO.</b>	270306	EMTRWO0041014/2
<b>SR.NO.</b>	<b>ERDA CODE NO.</b>					
270306	EMTRWO0041014/2					
<b>TEST DETAILS</b> 1.Impulse voltage test	<b>TEST SPECIFICATION</b> Test as per IEC: 61010-1:2001					
<b>REMARK-</b> The above multi-meter conforms to the requirements in respect of the test carried out.						
<b>WITNESSED BY:</b> Mr. Amol A. Deshmukh, (Sr.Engineer), M/s.RISHABH INSTRUMENTS PVT. LTD						
<b>NOTE - 1)</b> Only the test asked by the customer has been carried out.						
 PREPARED BY	 CHECKED BY	 APPROVED BY				

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N<sup>o</sup> 1501874



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TEST REPORT NO. EE/MTR/02/176

Dated:25/5/2006

SHEET 2 OF 2

Sr. No.	Particular of tests & Cl. No.	Requirement as per specification	Obtained value	Remarks
1)	<b>Impulse voltage test</b> (Cl. no. 14.9 of IEC: 61010-1:2001)  <b>a) Impulse voltage test</b>	Any over voltage limiting component or circuit shall withstand 10 positive and 10 negative impulses with the applicable impulse withstand voltage (peak value 8 kV) spaced upto 1 minute apart, from a 1.2/50 micro second impulse generator. The generator shall produce an open-circuit voltage waveform of 1.2/50 microseconds, a short circuit current waveform of 8/20 microseconds, with output impedance $2\Omega$ . After the test there shall be no sign of overload, nor degradation of performance of a component.	The multi-meter was subjected to impulse voltage test with selector switch kept on ac voltage position. The impulse voltage was applied between the voltage terminals. The multi-meter withstood all shots in both the polarities.  After the test the multi-meter operated satisfactorily.	Conform

PREPARED BY

*Dipoo*

CHECKED BY

*Dominika*

N<sup>o</sup> 1501873