



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
 EPABX : +91 (0265) 2642942, 2642964, 2642377, 2642557, 2635300, 2635253, 2657784, 2657785.
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TEST REPORT

Sheet 1 of 2

NAME & ADDRESS OF CUSTOMER RISHABH INSTRUMENTS PVT. LTD., F-31, MIDC, SATPUR, NASIK, MAHARASHTRA. Pin - 422 007	REPORT NO.: EE/MTR/02/1490 DATE: 1/2/2007					
	CUSTOMER REF No.: NIL dtd.: 30/12/2006					
	DATE OF SAMPLE RECEIPT	DATE OF TESTING				
	30/12/2006	30/12/2006				
SAMPLE DESCRIPTION Analog-Digital Multimeter Make : Rishabh Instruments Pvt. Ltd. Model : RISH Multi 18S	SAMPLE IDENTIFICATION. <table border="1"> <tr> <td>SR.NO.</td> <td>ERDA CODE NO.</td> </tr> <tr> <td>070303</td> <td>EMTRWO0046622/1</td> </tr> </table>		SR.NO.	ERDA CODE NO.	070303	EMTRWO0046622/1
SR.NO.	ERDA CODE NO.					
070303	EMTRWO0046622/1					
TEST DETAILS 1. Impulse voltage test	TEST SPECIFICATION Test as per IEC: 61010-1:2001					
REMARK- The above multi-meter conforms to the requirements in respect of the test carried out.						
WITNESSED BY: Mr. Ravikiran G. Deshmukh, (Exec.Engineer R&D), M/s.RISHABH INSTRUMENTS PVT. LTD						
NOTE - 1) Only the test asked by the customer has been carried out.						
 PREPARED BY	 CHECKED BY	 APPROVED BY				

- Note :
1. This report relates only to the particular sample received in good condition for testing at ERDA.
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 4. Only the tests asked for by the customer have been carried out.

N^o 1594527





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to be
done

TEST REPORT NO. EE/MTR/02/1490 Dated: 1/2/2007

SHEET 2 OF 2

Sr. No.	Particular of tests & Cl. No.	Requirement as per specification	Obtained value	Remarks
1)	Impulse voltage test (Cl. no. 14.9 of IEC: 61010-1:2001) a) Impulse voltage test	Any over voltage limiting component or circuit shall withstand 10 positive and 10 negative impulses with the applicable impulse withstand voltage (peak value 6 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 2Ω. 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 polarities. After the test the multi-meter operated satisfactorily.	Conforms

PREPARED BY

CHECKED BY

No 1594588

