



Certificate No. : T-0071

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)

ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.

EPABX : +91 (0265) 2642942, 2642964, 2642377, 3043128 / 29 / 30 / 31 / 33

Fax : +91 (0265) 2638382

E-mail : erda@erda.org

Web : http://www.erda.org



REPORT NO. : RP-1516-032366

ANNEXURE

SHEET 1 of 1

DATE : 30-11-2015



Photograph No : ERDA-00114689

Sneetha
PREPARED BY



[Signature]
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TE 1752648



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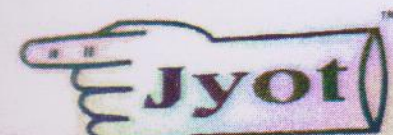
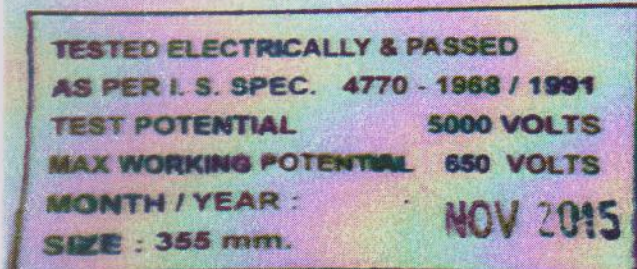
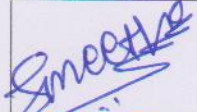
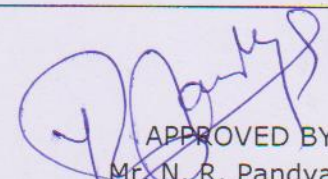
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TEST REPORT

SHEET 1 of 4

NAME & ADDRESS OF CUSTOMER Dahanu Rubber Gloves Mfg. Co., Jawahar Marg, Village Sarawali, Dahanu Road (East) - 401 602. Dist. Thane, Maharastra State.	<table border="1"> <tr> <td>REPORT NO.</td> <td>:</td> <td>RP-1516-032366</td> </tr> <tr> <td>DATE</td> <td>:</td> <td>30-11-2015</td> </tr> <tr> <td>CUSTOMER REF. NO</td> <td>:</td> <td>MKS/15-16/024</td> </tr> <tr> <td>DATED</td> <td>:</td> <td>06-11-2015</td> </tr> <tr> <td>DATE OF SAMPLE RECEIPT</td> <td></td> <td>DATE OF TESTING</td> </tr> <tr> <td>06-11-2015</td> <td></td> <td>19-11-2015 to 30-11-2015</td> </tr> </table>	REPORT NO.	:	RP-1516-032366	DATE	:	30-11-2015	CUSTOMER REF. NO	:	MKS/15-16/024	DATED	:	06-11-2015	DATE OF SAMPLE RECEIPT		DATE OF TESTING	06-11-2015		19-11-2015 to 30-11-2015
REPORT NO.	:	RP-1516-032366																	
DATE	:	30-11-2015																	
CUSTOMER REF. NO	:	MKS/15-16/024																	
DATED	:	06-11-2015																	
DATE OF SAMPLE RECEIPT		DATE OF TESTING																	
06-11-2015		19-11-2015 to 30-11-2015																	
SAMPLE DESCRIPTION Rubber hand gloves for electrical purpose Type of gloves : 1 Size : 355 mm Brand : Jyot	SAMPLE IDENTIFICATION Printing :   ERDA Sample Code : ERDA-00114689																		
TEST DETAILS As per sheet 2 of 4	TEST SPECIFICATION IS: 4770 - 1991																		
REMARK : The sample conforms to the requirements for all the mentioned tests. ENCLOSURE : ANNEXURE - Photographs of sample (SHEET 1 of 1)																			
 PREPARED BY	 CHECKED BY																		
 APPROVED BY Mr. N. R. Pandya NOTE: 1. This report relates only to the particular sample received for testing in good condition at ERDA. 2. This report cannot be reproduced in part under any circumstances. 3. Publication of this report requires prior permission in writing from Director, ERDA. 4. Only the tests asked for by the customer have been carried out. 5. In case of any dispute, Vadodara will be the exclusive jurisdiction & shall be construed as where the cause has arisen. Caution : ERDA is not responsible for the authenticity of photocopied or reproduced test reports. ERDA provides support to consumers for verification of the authenticity of test reports issued by ERDA																			

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REPORT NO. : RP-1516-032366

SHEET 2 of 4

DATE : 30-11-2015

TEST DETAILS :

Test Specification : IS: 4770-1991

Sr. No.	Cl. No	Test Particulars.
1	6.1.1.a	Thickness
2	6.1.1.b	Tensile strength
3	6.1.1.c	Elongation at break
4	6.1.1.d	Tension set
5	6.1.1.e	Tensile stress at 200 percent elongation
6	6.1.1.f	Tear strength
7	6.1.1.g	Tensile strength and elongation at break after heat ageing
8	6.1.1.h	Puncture resistance
9	6.1.1.j	Moisture absorption
10	6.1.1.n	Proof voltage and leakage current
11	6.1.1.p	Breakdown voltage test

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REPORT NO. : RP-1516-032366

SHEET 3 of 4

DATE : 30-11-2015

Sr. No	Cl. No.	Tests	Requirement as per Specification	Obtained value	Remarks
1	6.1.1.a	Thickness of gloves Thickness, mm -at Crotch area	Min. 0.50 Max. 0.95	0.67 0.77	Conforms Conforms
		-at Non-crotch area	Min. 0.55 Max. 0.95	0.71 0.84	Conforms Conforms
2	6.1.1.b	Tensile strength, MPa	Min. 17	27.6	Conforms
3	6.1.1.c	Elongation at break, %	Min. 600	710	Conforms
4	6.1.1.d	Tension set, %	Max. 20	5	Conforms
5	6.1.1.e	Tensile stress at 200 percent elongation, MPa	Max. 2.1	1.7	Conforms
6	6.1.1.f	Tear strength, kN/m	Min. 14	37.2	Conforms
7	6.1.1.g	Tensile strength and elongation at break after heat ageing, - Change in tensile strength, after accelerated ageing at $70 \pm 2^{\circ}\text{C}$ for 168 h, percent of original - Change in elongation at break, after accelerated ageing at $70 \pm 2^{\circ}\text{C}$ of 168 h, percent of original	Min. 80 Min. 80	88 94	Conforms Conforms
8	6.1.1.h	Puncture resistance, kN/m	Min. 18	46.8	Conforms
9	6.1.1.j	Moisture absorption, mg/cm^2	Max. 5	1.8	Conforms

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SHEET 4 of 4

DATE : 30-11-2015

Sr. No.	Cl. No.	Test	Requirement as per Specification	Obtained value	Remarks
10	6.1.1.n	Proof voltage and leakage current -Proof voltage test	Sample shall withstand 5000 V (rms) for 1 minute	Withstood	Conforms
		-Leakage current at working Voltage (650 V rms), μ A	Max. 400	400	Conforms
		-Leakage current at proof Voltage (5000 V rms), mA	Max. 4	3.7	Conforms
11	6.1.1.p	Breakdown voltage test -Breakdown voltage (V), rms	Min. 6000	11200	Conforms

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TE 1752644