



GOVERNMENT OF INDIA
ELECTRONICS REGIONAL TEST LABORATORY (WEST)
MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY
DEPT. OF ELECTRONICS & INFORMATION TECHNOLOGY, STQC DTE.

COVER SHEET

TESTING REPORT

REPORT NO.:ERTL(W) 2013 E&S 209

DATE OF ISSUE : 07 FEB 2014

PAGE 01 OF REPORT

TITLE: TESTING OF ADDRESEABLE WATER LEAK DETECTION PANEL-SYNOPSIS

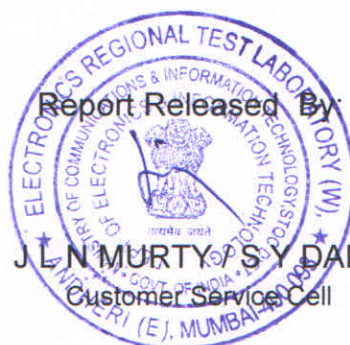
1.1 Service Request No.and Date : 20131572 , 31-DEC-13

1.2 Name and Address of Customer:

M/s. **JAY FIRE SYSTEMS**
2,RAMESHWARAM,OPP.CORPORATION
BANK,BEHIND ANAND NAGAR,C.S.
COMPLEX,DAHISAR (E),
MUMBAI-400068

1.3 Report in the Name of: M/s. **JAY FIRE SYSTEMS**

2,RAMESHWARAM,OPP.CORPORATION
BANK,BEHIND ANAND NAGAR,C.S
COMPLEX,DAHISAR (E),
MUMBAI-400068





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| | |
|--|-----------------------------------|
| TITLE: TESTING OF ADDRESEABLE WATER LEAK DETECTION PANEL | DATE OF ISSUE February 7, 2014 |
|--|-----------------------------------|

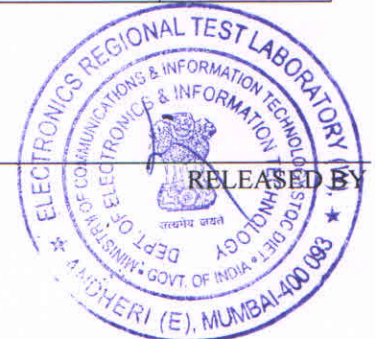
1.0 Scope

| | | |
|-----|--------------------------------|--------------------|
| 1.1 | Service request no. and Date | As per cover sheet |
| 1.2 | Name and address of Customer : | As per cover sheet |

| | | | | |
|-----|--|---|---|--|
| 1.3 | Description & Identification of Test item(s) | Nomenclature: | ADDRESEABLE WATER LEAK DETECTION PANEL-SYNOPSIS | |
| | | Make: | JAY FIRE SYSTEMS | |
| | | Model/Type: | sy-1310* | |
| | | Sr. No.: | Not marked. | |
| | | Quantity: | 01 No. | |
| 1.4 | Item(s) condition on receipt: OK | Received Date: 01/01/2014 | Test Completed Date: 03/02/2014 | |
| 1.5 | Testing performed at: | ERTL (W) | | |
| 1.6 | Laboratory Ambient | Temperature: (25 ± 2)°C Humidity : < 75 % R.H. | | |
| 1.7 | Test Specification / Test Procedure used | Customer's Specification. (Test parameter, Test condition and Requirement mentioned at Sr. No. 2.0 constitute Customer's Specification.) | | |

| | | | | |
|---------|---|-------------------------|-------------------------|-------------|
| 1.8 | Major Equipments used and Traceability Details: | | | |
| Sl. No. | Equipment Used | Uncertainty (Best Case) | Calibration Report Ref. | Valid up to |
| 01 | DIGITAL MULTIMETER | ± 0.06 % | 2013S&C491 | 04-04-2014 |

* As specified by the customer but not marked on the sample..





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2.0 TEST RESULTS:

| Sr. No. | Test Parameters | Test Conditions | Test Requirements | Observations | Remark |
|---------|------------------|--|---|--|-----------|
| 1.0 | Performance test | Dip the cable in water. | a) To conform the distance of water, the panel goes in alarm mode. (Tolerance of ± 2 mtrs) | A water leak cable of 5 m length was provided with the panel. Cable dipped in water at 3 m distance. The panel Displayed "Leak Detected at 3 mtrs" | Complied. |
| | | | b) In alarm mode internal and external buzzer sounds. | Internal and external buzzer started. | Complied. |
| | | | c) Potential free relay operates. | Potential free relay operated. | Complied. |
| | | | d) By operating silence key supply to internal buzzer is cut-off. | By operating silence key supply to internal buzzer was cut-off. | Complied. |
| | | Disconnect any one of the four wire of water leak cable. | If any of the four wire of water leak cable is removed from the terminal of panel, a potential free relay and buzzer/Hooter operates. | When any one wire was disconnected, a potential free relay operated and buzzer/Hooter started. | Complied. |





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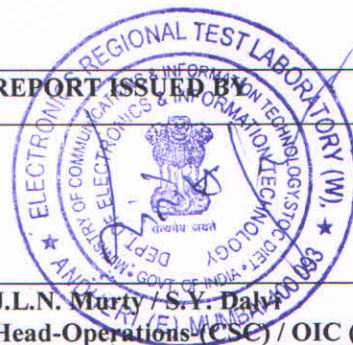
DATE OF ISSUE
February 7, 2014

3.0 General Remarks: Nil.

REPORT REVIEWED BY

REPORT APPROVED BY

REPORT ISSUED BY



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