



सत्यमेव जयते

TEST / CALIBRATION REPORT



ELECTRONICS REGIONAL TEST LABORATORY (WEST) MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY (STQC DTE.) Government of India

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



C-0028

SUBJECT: CALIBRATION OF CONDUCTIVITY METER

REPORT NO.: ERTL(W)/2008S&C1061
CALIBRATED ON: 16/07/2008

DATE: July 21, 2008
CAL DUE ON (RECOMMENDED): 16/07/2009

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1.0 SCOPE:

1.1 Service Request Details

- 1.1.1 Service Request No. & Date : ERTL(W)/20081036, 27/06/2008
- 1.1.2 Requested by (Name & address of organisation) : ASTER TECHNOLOGY
ASTER TECH,
1311, CLOVER HIGH LANDS,
OFF NIBM ROAD, KONDWA,
PUNE-48

1.2 Item Details:

- | 1.2.1 Nomenclature | Manufacture | Type/Model | Sr. No. |
|--------------------|-------------|------------|----------|
| CONDUCTIVITY METER | ASTER TECH. | CT-650 | 04-11-04 |

1.2.2 Calibration Specifications of the Item:

- | Parameter | Range | Accuracy |
|-------------|----------------------|-----------------|
| CONDUCTANCE | 10.0 to 1999 μ S | \pm 0.05% FSD |

- 1.3.1 Item Received on : 26-02-2007 1.3.2 Physical Condition of item on receipt : OK

1.4 Details of Test Equipments used:

- | Parameter | Eqpt. Used | Accuracy | Cal. Validity |
|-------------|------------|-------------|---------------|
| CONDUCTANCE | S&C/135 | \pm 0.02% | NOV'2008 |

- 1.5 Operating Procedures used: ERTL(W)/S&C/26

CALIBRATED BY: *[Signature]*

CHECKED BY: *[Signature]*

RELEASED BY: *[Signature]*



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3.0 BRIEF RESULTS:

Measured values have been reported.

4.0 GENERAL REMARKS:

- 4.1 A calibration sticker has been affixed on UUC.
- 4.2 Equipments used for calibration were calibrated with reference standards traceable to NPL, Delhi.
- 4.3 The reported expanded UNCERTAINTY is at coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for a normal distribution.
- 4.4 NABL Certificate No. C-0028.

CALIBRATED BY: *[Signature]*

CHECKED BY: *[Signature]*

REPORT RELEASED BY: *[Signature]*

REPORT APPROVED BY: *[Signature]*
(R. C. Thakur)
(HEAD, STANDARDS & CALIBRATION)

(OIC, CALIBRATION SERVICE CELL)

