| Laboratory Accreditation Standard Discipline Certificate Number Last Amended on | | Electrometer Corporation , 34, Main Patel Nagar Road, New Delhi ISO/IEC 17025: 2005 | | | | |
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| | | | Quantity Measured/ Instrument | Range / Frequency | *Calibration Measuremer Capability (±) | nt |
| | SOURCE | | | | | |
| 1. | D C VOLTAGE ^{\$} | 1 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 1000 V | 1.37% to 0.027% 0.027% to 0.015% 0.015% to 0.016% 0.016% to 0.024% 0.024% to 0.016% | Usin Calibrate | Using Fluke 5080A Calibrator by Direct Method | |
| 2. | D C CURRENT ^{\$} | 10 μA to 100 μA 100 μA to 1 mA 1 mA to 100 mA 100 mA to 1 A 1 A to 10 A 10 A to 20 A | 1.22% to 0.20% 0.20% to 0.10% 0.10% to 0.076% 0.076% to 0.20% 0.20% to 0.15% 0.15% to 0.59% | Usin Calibrato | Using Fluke 5080A Calibrator by Direct Method | |
| | D C HIGH CURRENT ^{\$} | 100 A to 1000 A | 0.59% to 1.44 % | wit | h 50 turn coil | |
| 3. | RESISTANCE^{\$} | $\begin{array}{c} 1 \ \Omega \text{ to } 10 \ \Omega \\ 10 \ \Omega \text{ to } 100 \ \Omega \\ 100 \ \Omega \text{ to } 1 \ k \ \Omega \\ 100 \ \Omega \text{ to } 1 \ k \ \Omega \\ 1 \ k \ \Omega \text{ to } 100 \ k \ \Omega \\ 100 \ k \ \Omega \text{ to } 1 \ M \ \Omega \\ 1 \ M \ \Omega \text{ to } 10 \ M \ \Omega \\ 10 \ M \ \Omega \text{ to } 19 \ M \ \Omega \end{array}$ | 2.15% to 0.17% 0.17% to 0.046% 0.046% to 0.028% 0.028% to 0.044% 0.044% to 0.048% 0.048% to 0.113% 0.113% to 0.177% | Usin Calibrato | g Fluke 5080A or by Direct Method | |
| 4. | A C VOLTAGE ^{\$} | 50 Hz 30 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 1000 V | 0.612% to 0.25% 0.25% to 0.17% 0.17% to 0.16% 0.16% to 0.19% 0.19% | Usin Calibrato | g Fluke 5080A or by Direct Method | |
| 5. | FREQUENCY ^{\$} | 45Hz to 1000Hz | 0.061% | Usin Calibrato | g Fluke 5080A or by Direct Method | |

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| Accreditation Standard | | ISO/IEC 17025: 2005 | | | | |
| Di | scipline | Electro-Technical Calibration | | Issue Date | 01.12.2016 | |
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| | Quantity Measured/ Instrument | Range / Frequency | *Calibration Measureme Capability (±) | nt | Remarks | |
| 6. | A C CURRENT ^{\$} | 50μA to 1mA 1 mA to 100 mA 100 mA to1 A 1 A to 10 A | 2% to 0.59% 0.59% to 0.37% 0.37% to 0.42% 0.42% to 0.61% | Usin Calibrato | g Fluke 5080A r by Direct Method | |
| | A C HIGH CURRENT ^{\$} | 100 A to 1000 A | 1.63% to 1.33% | wit | h 50 turn coil | |
| 7 | TEMPERATURE SIMUI (INDICATOR/ CONTRO K Type J Type | LATION^{\$} LLER / RECODER) (-)200 °C to 0 °C 0 °C to 1300 °C (-)200 °C to 0 °C | 0.83 °C to 0.30 °C 0.30 °C to 0.55 °C 0.44 °C to 0.24 °C | Usin Calibrato | g Fluke 5080A r by Direct Method | |
| | Е Туре Т Туре | 0 °C to 1200 °C (-)200 °C to 0 °C 0 °C to 1000 °C (-)200 °C to 0 °C 0 °C to 400 °C | 0.24 °C to 0.38 °C 0.81 °C to 0.2 °C 0.2 °C to 0.31 °C 1.03 °C to 0.3 °C 0.3 °C to 0.24 °C | | | |
| | N Туре | (-)200 °C to 0 °C 0 °C to 1300 °C | 0.15 °C to 0.44 °C 0.44 °C to 0.51 °C | | | |
| | R Туре | 0 °C to 1700 °C | 2.27 °C to 1.1 °C | | | |
| | S Туре | 0 °C to 1700 °C | 2.27 °C to 1.17 °C | | | |
| | В Туре | 600 °C to 1700 °C | 1.93 °C to 1.11 °C | | | |

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| | | Ce | ertificate Number | C-1478 Valid Until 30 | | 30.11.2018 |
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| | Quantity Measured/ Instrument | Range / Frequency | *Calibration Measurement Capability (±) | | Remarks | |
| | MEASURE | | | | | |
| 1. | D C VOLTAGE ^{\$} | 1 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 300 V | 0.477% to 0.011% 0.011% to 0.009% 0.009% to 0.01% 0.01% to 0 .007% 0.007% to 0.09% | Using Switch | Data Acquistion 1 Unit by Direct Method | |
| 2. | D C CURRENT ^{\$} | 1 mA to 10 mA 10 mA to 100m A 100 mA to 1 A | 0.28% to 0.08% 0.08% to 0.22% 0.22% to 0.32% | Using Switch | Data Acquistion 1 Unit by Direct Method | |
| 3. | RESISTANCE^{\$} | 2 Ω to 100 Ω 100 Ω to 1 kΩ 1 kΩ to 10 kΩ 10 kΩ to 100 kΩ 100 kΩ to 1 MΩ | 2.15% to 0.017% 0.017% to 0.046% 0.046% to 0.028% 0.028% to 0.044% 0.044% to 0.049% | Using Switch | Data Acquistion 1 Unit by Direct Method | |
| 4. | A C VOLTAGE ^{\$} | 50 Hz 1 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 300 V | 4.72% to 0.17% 0.17% to 0.12% 0.12% 0.12% 0.12% to 0.166% | Using Switch | Data Acquistion 1 Unit by Direct Method | |
| 5. | FREQUENCY ^{\$} | 45Hz to 1000Hz | 0.037% to 0.016% | Using Switch | Data Acquistion Unit by Direct Method | |
| 6. | A C CURRENT ^{\$} | 1 mA to10 mA 10 mA to 100 mA 100 mA to 1 A | 0.64% to 0.41% 0.41% to 0.73% 0.73% to 0.59% | Using Switch | Data Acquistion 1 Unit by Direct Method | |

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| Discipline | Electro-Technical Calibration | | Issue Date | 01.12.2016 | |
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| 7 TEMPERATURE SIMUL (Indicator/ Controller / Re K Type J Type T Type R Type S Type S Type Pt-100 | ATION ^{\$} corder) 0°C to 1200°C 0°C to 1200°C 0°C to 400°C 0°C to 1700°C 0°C to 1700°C (-)200°C to 600°C | 0.58°C to 0.63°C 0.58°C 0.58°C 1.22°C to 0.9°C 1.22°C to 0.93°C 0.06°C to 0.20°C | Using Switch | Using Data Acquistion Switch Unit by Direct Method | |

* Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95% $^{\rm $O}$ Only in Permanent Laboratory