**Plant/Location: INSTRUMENT DEPARTMENT Year: 2018**

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| **Sr. No.** | **Tag. No.** | **Inst. Description** | **Make/Serial No** | **Inst. Range** | **Type** | **Resolution/Accuracy** | **Cal. frequency** | **Cal. To be done by** |
| 1 | UC-01 | mV/mA Calibrator | Masibus/15031028 | 0 to 200 mV  0 to 2V,20V  0 to 2 mA,  0 to 20mA | Digital | 0.001mV & + 5% FSD  0.001V & + 5% FSD  0.001mA & + 5% FSD  0.001mA & + 5% FSD | Yearly | External |
| 2 | DTC-01 | Temperature Dry Bath | Tempsens/1041 | 50 to 650 °C | - | 0.1 °C & + 0.5°C FSD | Yearly | External |
| 3 | MM-01 | Manometer | Ti / MM-01 | 0 to 1.2 Kg/cm2 | Mercury in glass | 0.005 Kg/cm2 & + 2% FSD | Yearly | External |
| 4 | DPG-01 | Digital Pressure Gauge | ALTOP/I.050.A.15 | 0 to 300 Kg/cm2 | Digital | 0.1 Kg/cm2 +2% FSD | Yearly | External |
| 5 | RTD-01 | RTD Calibrator | Nishko/31955 | -200 to 600 °C | RTD | Fix & + 0.1% FSD | Yearly | External |
| 6 | DM-01 | Digital Multimeter | Siglent/SDM3065X | 200 mV ~ 1000 V  200 μA ~ 10 A  200 mV ~ 750 V  200 μA ~ 10 A  200Ω ~ 100 MΩ  2 nF ~ 100 mF  3 Hz ~ 1 MHz | Digital | ± (% of reading + % of range) | Yearly | External |
| 7 | EXP-01 | External Pressure Module | Beamex/ EXT250 | 0 to 25 MPa | - | 0.015 % of FS | Yearly | External |
| 8 | MFC-01 | Multifunctional Calibrator | Beamex/MC2-MF | 1 to 60 V  -100 to 100 mA  1 to 50 kHz  -25 to 150 mV  -3 to 12 V | Digital | 0.02 % of RDG  0.02 % of RDG  0.02 % of RDG  0.02 % of RDG  0.02 % of RDG | Yearly | External |
| 9 | LC-01 | Loop Calibrator | Fluke /5522A | 0 to 24mA  0 to 250mV  0 to 30V  0 to 24V  0 to 12 V | Digital | 0.02 % of RDG  0.02 % of RDG  0.02 % of RDG  0.02 % of RDG  0.02 % of RDG | Yearly | External |

Note : After completion of Calibration activity Concern Engineer/Technician to sign in “Act. Date” Column Followed by actual date of calibration.

M – MONTHLY, Q – QUATERLY, S – SIX MONTHLY, Y – YEARLY, Calibration Tolerance: Monthly: + 3 Days, Quarterly: + 10 days & Yearly/Half yearly: + 15 days