



PAWAN

BIOSCIENTIFIC ENGINEERING SERVICES PVT. LTD.

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Regd. No. 290616/078/079

PBES INTRODUCTION

Established in 2017 by Asst. Prof. Er. Pawan Kumar Karna to provide Calibration and Validation Services .

Thermal/Specific Heat Equipment Calibration Range: -80 to + 1200 Degree LC: - 0.001 °C / 15% RH to 95 %RH

Glass Thermometer	Range -10 to +250 °C	Digital Thermometer	Range -80 to +400 °C	Digital Temperature Controller with Sensor	Range -80 to +1200 oC
Digital Temperature Indicator with Sensor	Range -80 to +1200 °C	Temperature Recorder	Range -80 to +1200 oC	Temperature Data Logger	Range -80 to +1200 oC
Temperature Gauge	Range +50 to +250 °C	Digital Temperature Display with Sensor	Range -80 to +1200 °C	RTD Sensor with Indicator	Range -80 to +400 oC
Pt-100 Sensor with Indicator	Range -80 to +400 °C	All Types of Thermocouples with Indicator	Range -80 to +1200 °C	"K" Type Thermocouple with Indicator	Range -80 to +1200 °C
COD Indicator with Sensor	Range 0 to +400 °C	Muffle Furnace	Range +300 to 1200 °C	Oven DTI with Sensor	Range -80 to +1200 oC
Incubator DTI with Sensor	Range 0 to +100 °C	Temperature Bath all range	Range -80 to +1200 °C	Dry & Wet Bulb Thermometer	Range -80 to +1200 °C
Temperature transmitter with Indicator	Range -80 to +400 °C	Temperature Receiver with Indicator	Range -80 to +1200 °C	Digital Temperature Controller with RTD Sensor	Range -80 to +400 oC
Digital Temperature Indicator with RTD sensor	Range -80 to +400 °C	Liquid Temperature Bath	Range -80 to 0 °C	Furnace DTI with Sensor	Range +300 to +1200 °C
BOD Incubator Temperature	Range -20 to +50 °C	Freeze DTI with Sensor	Range -80 to +10 °C	Freezer Double Door	Range -80 to +10°C
Deep Freezer	Range -80, -40, -20 °C	Furnace Temperature Recorder	Range +300 to +1200 °C	Laboratory Freeze Dryer	Range -80 to 0 °C
Tissue Processor Wax Bath Temperature	Range 0 to +100 °C	Cryo Microtome Temperature	Range -40 to 0 °C	Deep Freezer	Range -80, -40, -20 °C
Tissue Flotation Bath Temperature	Range 0 to +100 °C	Slide Warmer Temperature	Range 25 to +50 °C	Test-Tube Warmer Temperature	Range +25 to +50 oC
Test-tube Heating/Cooling Block	Range -80 to +400 °C	Block Digester Temperature	Range +25 to +1200 °C	Heating Block	Range 0-400 °C
Bomb Colorimeter Temperature	Range 0 to +400 °C	Methanol Bath Temperature	Range -80 to +50 oC	Cooling Bath	Range -80 to +10 °C
Oil Bath Temperature	Range -80 to +400 °C	Chiller Bath Temperature	Range -80 to 0°C	Oil Tank Bath	Range 0 to +400 °C
Wet and Dry Thermometer	Range +10 to +50 °C	Baby Incubator	Range +30 to +45°C	Temperature Controller with Sensor	Range -80 to +1200 °C
Autoclave Temperature	Range +50 to +135 °C	Automated Culture Machine Temperature	Range +25 to +40 oC	Embedded Temperature	Range -80 to +1200 oC
Cryo Microtome Temperature	Range -80 to 0°C	Temperature Well	Range -80 to +400 °C	Stability Chamber Temperature	Range -20 to +50 °C
Walk in Chamber Temperature	Range -40 to +50 °C	Metrology Well Temperature	Range -80 to +400 °C	Cooling Cabinet Temperature	Range -80 to +1200 oC
Water Bath DTI with Sensor	Range +25 to 100°C	Liquid Heating Bath Temperature	Range -80 to +400 °C	Moisture Analyzer Temperature	Range +25 to +400 oC
PH meter Temperature Indicator with Sensor	Range +10 to 30 °C	Conductivity Meter Temperature Ind with Sen	Range +20 to +40 oC	Baby Warmer Temperature DTI with Sensor	Range +35 to +40 °C
Dissolution Apparatus- Bath Temperature	Range +10 to +50 °C	Disintegration -Temperature	Range +25 to +45 °C	Melting Point Apparatus	Range +25 to +400 °C
Ultrasonic Bath Temperature	Range +10 to +100 °C	Cold Room Temperature	Range -80 to +10 °C	Water Distillation Temperature	Range +25 to +105 °C
Precision Thermometer with Sensor	Range -80 to +1200 °C	High Precision Thermometer with Sensor	Range -80 to +400 oC	Precision Thermocouple With Indicator	Range -80 to +1200 °C
High Precision Thermocouple with Indicator	Range -80 to +1200 °C	Co2 Incubator Temperature	Range +25 to +45 oC	Thermocycler /PCR Block Temperature	Range -20 to +105 °C
Warming Table Temperature	Range +10 to +50 °C	Clean Bench Warmer Plate Temperature	Range +10 to +40 oC	Cold Plate Temperature	Range -80 to +10 oC
Paraffin Bath Temperature	Range +10 to +100 °C	Ultra Low Temperature of any device up to	Range up to -80 °C	Shaking Incubator Temperature	Range +25 to +50 °C
Cooling Centrifuge Temperature	Range -20 to +50 °C	Organ Bath Temperature	Range -80 to +25 °C	Dry Syrup Finning Temperature	Range +10 to +30 °C
Vapor/Liquid Extraction Device Temperature	Range up to +400 °C	Reaction Chamber Temperature	Range -80 to +400 °C	Oil Temperature Tester	Range -80 to +1200 oC
Meat/Food Temperature Tester	Range -80 to +400 °C	Hot Plate Temperature	Range +25 to +400 oC	Vacuum Oven Temperature	Range +25 to +300 oC
Polycarbonate Water Bath Temperature	Range +25 to +400 °C	Orbital Water Bath Shaker Temperature	Range -80 to +400 °C	Sterilizer Temperature	Range +25 to +400 oC
Digital Electric Burner Temperature	Range +25 to +400 oC	Reagent Tank Temperature	Range 0 to +40 °C	Heater Temperature	Range +25 to +1200 °C
Plastic Cutter Heater	Range +25 to +400 oC	Bed Dryers Temperature	Range +25 to +400°C	Rotary Dryers	Range +25 to +200 oC
Rotary Collet's	Range -80 to +25 °C	Herbs Dryer Temperature	Range +25 to +400°C	Heat Exchanger Temperature	Range -80 to +200 °C
Heat Recovery Equipment Temperature	Range 0 to +400 oC	Cooling Tower Temperature	Range -80 to +10 °C	All types of Digital Cooling and Heating	Range -80 to +1200 oC

SPECIFIC HEAT / RELATIVE HUMIDITY RANGE: - 15 % TO 95 % RH @25 °C																			
Digital/ Analogue Thermo hygrometer %RH	Range 15 to 95 % RH		RH Sensor with transmitter/Indicator		Range 15 to 95 % RH		RH Datalogger/Scanner		Range 15 to 95 % RH										
Temperature /Humidity Indicator	Range 15 to 95 % RH		Relative Humidity Temperature		Range 10 to 50 °C @ 50 % RH		Environmental Chamber Relative Humidity		Range 15 to 95 % RH										
Humidity Chamber with Indicator	Range 15 to 95 % RH		Humidity Calibrator		Range 15 to 95 % RH		Walkin room RH Indicator		Range 15 to 95 % RH										
Digital RH Indicator	Range 15 to 95 % RH		Humidity Generator with Indicator		Range 15 to 95 % RH		Humidity Source with Indicator		Range 15 to 95 % RH										
Weighing Balance Calibration Range: - 1 mg to 100g/1 mg to 220g/1 mg to 1000g /1kg to 100 kg																			
Semi Micro Balance LC:- 0.01 mg	Range :- 0-62g		Semi Micro Balance LC: - 0.01 mg		Range: - 0-82g		Semi Micro Balance LC: - 0.01 mg		Range: - 0-102g										
Analytical Balance LC: - 0.1 mg	Range:- 0- 120g		Analytical Balance LC: - 0.1 mg		Range:- 0-200g		Analytical Balance LC: - 0.1 mg		Range:- 0 - 220g										
Precision Balance LC:- 1 mg	Range :- 0- 410 g		Precision Balance LC:- 1 mg		Range :- 0- 610 g		Precision Balance LC:- 1 mg		Range :- 0- 1000 g										
Precision Balance LC:- 1 mg	Range :- 0- 2100 g/2.1 Kg		Precision Balance LC:- 1 mg		Range :- 0- 3000 g /3 Kg		Precision Balance LC:- 1 mg		Range :- 0- 5000 g / 5 Kg										
High Capacity Balance LC:- 1 mg	Range :- 0- 10000 g / 30 Kg		High Capacity Balance LC:- 1 mg		Range :- 0- 30000 g / 30 Kg		High-Capacity Balance LC: - 1 mg		Range: - 0- 100000 g / 100 Kg										
Digital Baby Weighing Balance LC:- 1 mg	Range :- 0- 6 Kg		Digital Body Weight Balance LC:- 1 mg		Range :- 0- 100 Kg		Production Platform Digital Scale LC: - 1g		Range:- 0-100 kg										
Digital Kitchen Scale	Range:- 0-10 kg		Digital Bathroom Scale		Range:- 0-100 kg		All types of Digital Weighing balance		Range:- 0- 100 kg										
Pressure Gauge Calibration Range: - Hydraulic, pneumatics, Vacuum Pressure Gauge (Digital/Analogue) Range: - Vacuum Pressure Gauge Range -0.85 to 0 bar / Pneumatic Pressure Gauge Range 0 to 25 bar / Hydraulic Pressure Gauge Range 0-700 bar																			
Diaphragm Pressure Gauge Vacuum /Analogue	Range -0.85 to 0 bar		Capsule Pressure Gauge Vacuum /Analogue		Range -0.85 to 0 bar		Liquid Filled Pressure Gauge Vacuum /Analogue		Range -0.85 to 0 bar										
Digital Pressure Gauge Vacuum	Range -0.85 to 0 bar		Digital Precision Vacuum Gauge		Range -0.85 to 0		All Types of Vacuum Gauge		Range -0.85 to 0 bar										
Diaphragm Pressure Gauge /Analogue/Digital	Range 0 to +25 bar		Capsule Pressure Gauge Analogue/Digital		Range 0 to +25 bar		Liquid Filled Pressure Gauge Analogue/Digital		Range 0 to +25 bar										
Diaphragm Pressure Gauge /Analogue/Digital	Range 0 to +700 bar		Capsule Pressure Gauge Analogue/Digital		Range 0 to +700 bar		Liquid Filled Pressure Gauge Analogue/Digital		Range 0 to +700 bar										
Vacuum Pump Pressure Gauge Analogue/Digital	Range -0.85 to 0 bar		Air Pump Pressure Gauge Analogue/Digital		Range 0 to 700 bar		Compressed Air Pressure Gauge		Range 0 to +700 bar										
Volume Calibration 20 µL to 100 µL/100 µL to 1000 µL/0 to 25 ml/25 to 100 ml -Micro pipette/Glass Pipette/Burette/Measuring Cylinder/Volumetric Flask/Beaker																			
Micropipette	Range: - 20 to 100 µL		Micropipette		Range: - 100 to 1000 µL		Glass pipette		Range :- 1ml to 25 ml										
Burette	Range:- 1ml to 25 ml		Volumetric Flask		Range:- 1ml to 25 ml		Measuring Cylinder		Range :- 1ml to 25 ml										
Beaker	Range:- 1ml to 25 ml		Burette		Range:- 25ml to 100 ml		Measuring Cylinder		Range :- 25ml to 100 ml										
Volumetric Flask	Range:- 25ml to 100 ml		Beaker		Range :- 25ml to 100 ml		Glass Pipette		Range :- 25ml to 100 ml										
Multi-Channel Pipette(8 Channel)	Range:- 20 to 100 µL		Multi-Channel Pipette(8 Channel)		Range:- 100 to 1000 µL														
Multi-Channel Pipette(12 Channel)	Range:- 20 to 100 µL		Multi-Channel Pipette(12 Channel)		Range:- 100 to 1000 µL														
RPM/Centrifuge/Tachometer /RPM Source/RPM Meter/Speedometer/Moter RPM/Roter RPM/Roller RPM/Non -Contact Calibration Range: - 100 – 10000 RPM / 100-60000 RPM																			
Centrifuge Machine Analogue/ Digital RPM	Range :- 100-10000 RPM		Digital Tachometer RPM		Range :- 100-60000 RPM		Digital Speedometer RPM		Range :- 100-60000 RPM										
Moter RPM	Range :- 100-60000 RPM		Roter RPM		Range :- 100-60000 RPM		Roller RPM		Range :- 100-60000 RPM										
RPM Source	Range :- 100-60000 RPM		RPM Indicator		Range :- 100-60000 RPM		RPM Meter		Range :- 100-60000 RPM										
Any Kinds of Equipment Source RPM	Range :- 100-60000 RPM		Digital RPM Indicator		Range :- 100-60000 RPM		Pharmaceuticals Equipment Source RPM		Range :- 100-60000 RPM										
LIST OF ELECTRICAL EQUIPMENT CALIBRATION (CALIBRATION FOR REGULAR VALIDATION PURPOSE)																			
AC VOLTAGE	Calibration Range: - 100mv to 1000V AC				DC VOLTAGE	Calibration Range: - 1mv to 1000V AC				AC AMPER	Calibration Range: 2 mA to 10 A AC								
DC AMPER	Calibration Range:- 2 mA to 10 A DC				RESISTANCE	Calibration Range:- 1 Ω to 100 m Ω				FREQUENCY	Calibration Range: 10 HZ TO 1 MHZ								
EARTH RESISTANCE TESTER	Calibration Range:-				ELECTRICAL SIMULATOR	Calibration Range:-				VOLTAGE TESTER	Calibration Range:-								
4 W RTD TESTER	Calibration Range:-				RESISTANCE BOX	Calibration Range:-				DECADE RESISTANCE BOX	Calibration Range:-								
FREQUENCY METER	Calibration Range:-				DIGITAL MULTIMETER	Calibration Range:-				CLAMP METER	Calibration Range:-								
VOLTAGE METER	Calibration Range:-				CURRENT METER	Calibration Range:-				MEGGER METER	Calibration Range:-								
BATTERY ANALYZER	Calibration Range:-				RESISTIVITY METER	Calibration Range:-				ELECTRICAL SIMULATION TEST									
ELECTRICAL SAFETY ANALYZER TEST Calibration Range: -For Biomedical And Scientific Equipment's					ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- J					ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- K									
ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- R					ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- RTD (PT-100)					ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- T									
ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- K					ELECTRICAL THERMOCOUPLE TEMPERATURE INDICATOR SIMULATION CALIBRATION TYPE:- B					Digital LCR Meter Calibration Range:-									
(TEMPERATURE AND HUMIDITY MAPPING FOR REGULAR VALIDATION PURPOSE)																			
9 Point Room Temperature Mapping Multiple Point		Mapping Range:- +2 to +30 °C			Equipment Humidity Mapping Multiple Point		Mapping Range: 20 % RH to 90 %RH			9 Point Refrigerator Temperature Mapping		Mapping Range: +2 to +8 °C							
9 Point Freezer Temperature Mapping		Mapping Range:- 0 to -20 °C			9 Point Deep Freezer Temperature Mapping		Mapping Range:- -20 to -40°C			9 Point Deep Freezer Temperature Mapping		Mapping Range:- -40 to -80 °C							
BOD Incubator Temperature Mapping		Mapping Range:- +20 to +30 °C			Culture Incubator Temperature Mapping		Mapping Range:- +35 to +45 °C			Stability Chamber Temperature Mapping		Mapping Range:- +10 to +40 °C							
Growth Chamber Temperature Mapping		Mapping Range:- +20 to +30 °C			Germination Chamber Temperature Mapping		Mapping Range:- +20 to +30 °C			Cold Chamber Temperature Mapping		Mapping Range:- +20 to +30 °C							
Reagent Storage Chamber Temperature Mapping		Mapping Range:- +2 to +30 °C			Clean Room Temperature and Humidity Mapping Mapping Range:- +20 to +30 °C					AHU Room Temp/Humidity Mapping		Mapping Range:- +20 to +30 °C							
Hospital OT AHU Hepa Room Temperature Mapping		Mapping Range:- +20 to +30 °C			Hospital ICU AHU Hepa Room Temp Mapping		Mapping Range:- +20 to +30 °C			Hospital NICU AHU Hepa Room Temperature		Mapping Range:- +20 to +30 °C							
Medicine Storage Room Temp/Humidity Mapping		Mapping Range:- +20 to +30 °C			Laboratory Freeze Dryer Temperature Mapping		Mapping Range:- -40 to -80 °C			Many Kinds of Equipment Temp/Humidity		Mapping Range:- -80 to +50°C							

WE CALIBRATE FOOD AND BEVERAGE QC EQUIPMENTS	WE CALIBRATE TESTING METERS AND EQUIPMENTS	WE CALIBRATE MICROBIOLOGY LAB EQUIPMENTS
WE CALIBRATE MEDICAL INDUSTRIES QC EQUIPMENT	WE CALIBRATE INNOVATION LAB EQUIPMENTS	WE CALIBRATE VIROLOGY LAB EQUIPMENTS
WE CALIBRATE HYDRO POWER QC EQUIPMENT	WE CALIBRATE AIRCRFT EQUIPMENTS	WE CALIBRATE AGRICULTURE LAB EQUIPMENTS
WE CALIBRATE WINE INDUSTRIES BEVERAGE QC EQUIPMENT	WE CALIBRATE PATHOLOGY LAB EQUIPMENTS	WE CALIBRATE VETNARY LAB EQUIPMENTS
WE CALIBRATE RESEARCH LAB EQUIPMENTS	WE CALIBRATE MOLECULAR LAB EQUIPMENTS	WE CALIBRATE FORENSIC LAB EQUIPMENTS

Hospital Equipment /Biomedical Equipment Calibration (FOR REGULAR CALIBRATION AND VALIDATION PURPOSE)		
BEDSIDE MONITOR Calibration Parameters: - (Spo2, Pulse Rate, Temperature, NIBP, Heart Rate, Amplitude, IBP, Electrical Safety, CO, Respiration).	ECG MACHINE Calibration Parameters: - (ECG Heart Rate, ECG Amplitude, Electrical Safety, Normal Sinus Rhythm signal Test) Optional Test: - 5 to 10 Types of programmed Signal Simulation Test.	Colorimeter Calibration Parameters: - Electrical Safety /Light Intensity /Functional Test.
BIPAP MACHINE Calibration Parameters: - Pressure cmH2O/Electrical Safety	CPAP MACHINE Calibration Parameters:- Pressure cmH2O/Electrical Safety	Sphygmomanometer Analogue/Dial Type Calibration Parameters: - Pressure mm of 0-300 mm of hg /Pressure Leak Test
Sphygmomanometer Digital Calibration Parameters: - Pressure mm of 0-300 mm of hg (Systolic/Diastolic) / Pressure Leak Test	NIBP Calibration Parameters: - Pressure 0-300 mm of hg (Systolic/Diastolic)/Pressure Leak Test	Sphygmomanometer Mercury Type Calibration Parameters: - Pressure mm of 0-300 mm of hg /Pressure Leak Test
Pulse Oximeter Calibration Parameters: - (Spo2, Pulse Rate)	Body Thermometer Digital Calibration Parameters: - Temp °C/F	Body Thermometer Mercury Calibration Parameters: - Temp °C/F
Thermal Temperature Gun Calibration Parameters: - Temp °C/F	Portable Suction Machine Calibration Parameters: - Vacuum Pressure	Nebulizer Machine Calibration Parameters: - Positive Pressure
Syringe Pump:- Calibration Parameters: - Volume, Occlusion Pressure, Flow Rate	Infusion Pump:- Calibration Parameters: - Volume, Occlusion Pressure, Flow Rate	TMT Machine Calibration Parameters: - RPM, Electrical Safety, ECG
Ultrasound Machine Calibration Parameters: - Electrical Safety and Functional Testing and Validation	Oxygen Concentrator Calibration Parameters: - O2 % Purity, Flow Rate	Operating Light Calibration Parameters: - Light Intensity LUX, Electrical Safety.
Dental Unit Calibration Parameters: - Light Intensity, Vacuum Pressure, Air Pump Pressure, Electrical Safety, Functional Test.	Microscope Calibration Parameters: - Light Intensity, Image Clarity Calibration @ 4x,10x,40x,100x .	Bull Lamp Calibration Parameters: - Light Intensity LUX, Electrical Safety.
Examine Light Calibration Parameters: - Light Intensity LUX, Electrical Safety.	Electric Operating Table Calibration Parameters: - , Electrical Safety/Functional Test .	ENT Microscope Calibration Parameters: - Light Intensity, Image Clarity Calibration
Infant Radiant Warmer Calibration Parameters: - Temp °C/F	Blood Mixer Calibration Parameters: - RPM	Baby Incubator Calibration Parameters: - Temp oC/F
Electrolyte Analyzer Calibration Parameters: - Electrical Safety.	Fully Automatic Biochemistry Analyzer Calibration Parameters: - Electrical Safety.	Hormones Analyzer Calibration Parameters: - Electrical Safety.
Immunoassay Analyzer Calibration Parameters: - Electrical Safety	Culture Incubator Calibration Parameters: - Temp °C/F	Semi-Automatic Analyzer Calibration Parameters: - Electrical Safety
Organ Reserve Freezer Calibration Parameters: - Temp °C/F	Blood Bag Sealer Calibration Parameters: - Electrical Safety.	Organ Bath Calibration Parameters: - Temp oC/F
Card Centrifuge Calibration Parameters: - RPM	Cartridge Warmer Calibration Parameters: - Temp °C/F	Tissue Processor Calibration Parameters: - RPM/ Temp °C/F
Blood Bank Centrifuge Calibration Parameters: - RPM/TEMP	Hematology Analyzer Calibration Parameters: - Electrical Safety.	ESR Analyzer Calibration Parameters: - Electrical Safety.
Biosafety Cabinet Validation Parameters: - Inflow, Downflow, Hepa Leakage Particle Counter Test, Smoke Pattern Test, UV Intensity Test , Daylight Intensity Test ,Noise Level Test ,Sash Alarm Test, Electrical Safety and Functional Test as per EN12469	Electrolyte Analyzer Calibration Parameters: - Electrical Safety.	Hot Air Sterilizing Oven Calibration Parameters: - Temp oC/F
Immunoassay Analyzer Calibration Parameters: - Electrical Safety.	Blood Culture Incubator Calibration Parameters: - Temp °C/F	Microbial Detection Machine Calibration Parameters: - Temp oC/F
Orbital Shaker Machine Calibration Parameters: - RPM	Protein Analyzer Calibration Parameters: - Electrical Safety.	Water Bath Calibration Parameters: - Temp oC/F
Defibrillator - On Demand	Plaster Cutter Calibration Parameters: - RPM	Electric Bad Calibration Parameters: - Electrical Safety
Ventilator – On Demand	Baby Incubator Calibration Parameters: - Temp °C/F	Photo Therapy Machine -On Demand
Portable Suction Machine Calibration Parameters: - Vacuum Pressure	Radiant Warmer Calibration Parameters: - Temp °C/F	Electro Surgical Unit – On Demand
X-Ray – On Demand	C-Arm X-ray - On Demand	Cautery Machine – On Demand
Cusa Machine – Electrical Safety /On Demand	Endoscope Camera – Calibration Parameters: - Electrical Safety.	ERCP Tower - Calibration Parameters: - Electrical Safety.
Examine Light - Calibration Parameters: - Image , Electrical Safety	Harmonic Generator - Calibration Parameters: - Electrical Safety.	Laparoscopy Tower - Calibration Parameters: - Electrical Safety.
Lithotripsy Machine- Calibration Parameters: - Electrical Safety	Peco Machine - Calibration Parameters: - Electrical Safety.	Anesthesia Machine – On Demand
Hydro Collator Machine Calibration Parameters: - Temp °C/F	IFT Machine Calibration Parameters: - Electrical Safety/Frequency/Time	Muscle Stimulator - Calibration Parameters: - Electrical Safety/Frequency/Time
TENS Machine Calibration Parameters: - Electrical Safety/Frequency/Time	Respiratory Humidifier Calibration Parameters: - Temp °C/F	Ultrasound Machine Calibration Parameters: - Electrical Safety.
CT Scan Machine – On Demand	OT Validation: - Validation Parameters: - Airflow, Hepa Leakage Test, ACH, OT Light Intensity, Noise, Temperature, Humidity, Differential Pressure, ISO Clean Room Classification	+Ve Pressure Hepa Filtration Unit Validation Parameters: -Airflow ,Hepa Leakage Test, ACH , Noise, Temperature ,Humidity, Differential Pressure ,ISO Clean Room Classification
- Ve Pressure Hepa Filtration Unit Validation Parameters: - Airflow, Hepa Leakage Test, ACH, Noise, Temperature, Humidity, Differential Pressure, ISO Clean Room Classification	ICU Hepa Filtration Unit Validation Parameters: - Airflow, Hepa Leakage Test, ACH , Noise, Temperature ,Humidity, Differential Pressure ,ISO Clean Room Classification	NICU Hepa Filtration Unit Validation Parameters: - Airflow, Hepa Leakage Test, ACH , Noise, Temperature ,Humidity, Differential Pressure ,ISO Clean Room Classification
TB Lab Hepa Filtration Unit Validation Parameters: - :- Airflow ,Hepa Leakage Test, ACH , Noise, Temperature ,Humidity, Differential Pressure ,ISO Clean Room Classification	Molecular Lab Hepa Filtration Unit Validation Parameters: -:-Airflow, Hepa Leakage Test, ACH , Noise, Temperature ,Humidity, Differential Pressure ,ISO Clean Room Classification	Laminar Air Flow Validation Parameters: - Airflow, Hepa Leakage Particle Counter Test, Smoke Pattern Test, UV Intensity Test , Daylight Intensity Test ,Noise Level Test , Electrical Safety and Funtcnal Test as per ISO14644
Oxygen Bedside Point Calibration Parameters: - O2 % Purity, Flow Rate	Vacuum Bedside Point Calibration Parameters: - Vacuum Pressure	Hospital AHU HVAC Validation – Validation Parameters: - Airflow, Hepa Leakage Particle Counter Test, Smoke Pattern Test, Daylight Intensity Test ,Noise Level Test , Electrical Safety and Functional Test as per ISO14644