TEST TECHNICIAN/ENGINEER

Summary

Highly motivated professional with background as Test Technician (Engineer), experiences in Various types of Testing, Troubleshooting and exceptional problem solving abilities. Knowledge in FDA regulation, OSR and ISO standards. Outstanding communication skills with capacity to interact with clients, suppliers, contractors, and other team members associated with a project.Â

Skills

- Solid works, AutoCAD, Blue Hill 3, Partner
- Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Experience

03/2016 to Current

Test Technician/Engineer Steelcase Inc.

- Perform Static testing which includes compression and Tensile testing using Instron with Blue hill 3.0 software.Â
- Operate Torsional Instron machine using Partner software for torsional testing of material and components.
- Operating Z-Axis machine to perform various types of leak tests. Constructing particles using close pressure system, Counting and measuring microns' particles using Microscope.
- Execute different types of test studies for aging product, which include Engineering study, Measurement system Analysis and Design verification.
- Executing all testing by following Test protocols, Test Method and Test instructions. Communicate and work with lab manager and R&D engineers regarding failures or defective samples.
- Maintain lab equipment, Manage and Organize documentation using BD private data software.

01/2015 to 02/2016

Test Technician Collins Aerospace ï¼ Kentwood , WI

- Test various types of units (pressure sensor, force sensor, torque sensors, load cells and etc) at different temperatures and pressure for industrial purposes (Aerospace, Automotive, Oil and gas, Medical and etc) using SOP and Test Protocol.
- Calibrate units into the required spec of voltage in order to conduct proper with customer's needs.
- All units have to be done by using company's principles.
- Check Isolation and Dielectric of units with very high voltage to prepare for testing and calibration.
- Also check leaking in the unit using a leak test panel to perform accurate result and avoid failure while running in the chambers.
- Highly require to measure voltage, current and resistance using the Digital Multimeter device for each electrical components.
- Use of the caliper and micrometer to check the measurements of the units using schematic diagram.
- Perform pre-test, post-test and final-test documentation to according to Kulite test or documentation procedures.
- Maintain fixtures and equipment required to test the production units.
- Also maintain vacuum pump, vacuum oven heating filaments and seals.
- Maintain good 5s practices.
- Communicating suppliers for spare and replacement parts of Chamber, Pressure Mensor and Digital Multimeter.
- Collaborating with supplier's technical support groups, weld operator and shipping department.
- Recognize data errors after each test and take corrective action before each test.
- Accumulate and well organize the require data and results using standard Kulite's software and forward to QC department for further mechanical examination.
- Require buffing for remove unnecessary dents, polishing and smoothing purposes.
- Transport of completed parts to shipping department.

01/2013 to 12/2015

Field Service Engineering Technician Hospira Pharmaceutical & Medical Company January ï¼ New Berlin , STATE

- Required standard hand tool and materials, step-by-step procedures to open electronic devices and remove/replace circuit boards.
- Main Chassis Replacement included Power Supply PWA, CPU PWA, Display assembly, Piezo alarm assembly, Mechanism assembly, Fluid shield and keypad.
- Follow HIPAA, OSHA and safety guidelines as described in their respective guidelines.
- Analyze specimen using approved testing procedure (SOP).
- Installing new batteries and doors of the Plum A+ & Plum A+3(Medical Devices) infuser systems.
- Performed pump device self-test, performance verification testing includes pressure and volume test [PVT] using the standard pressure meter.
- Used an electrical safety meter, checked the voltage, resistance and current.
- At the end of the task, all the data had to match within the factory settings range.
- Using industry standard Electro-Static Discharge protection equipment and procedures (ESD).
- Provided clear and concise documentation with device upgrade information on Hospira private software.

Education and Training

May 2014

BS : Mechanical Engineering City , State Mechanical Engineering

Languages
Fluent in English, Hindi, and Gujarati
Skills
A+, A+3, AutoCAD, Automotive, CAD, calibration, concise, CPU, Data Analysis, Digital Multimeter, documentation, doors, Fluent in English, forms, Hindi, instruction, ISO, materials, mechanical, micrometer, Excel, Microsoft Office Suite, Outlook, PowerPoint, Word, Modeling, Oil, PLC, Power Supply, Presentations, protocols, Public Speaking, real time, safety, prepare samples, shipping, Solid works, SolidWorks, SOP, system Analysis and Design, technical support, upgrade, weld