

RITESH THAKUR

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CURRENT LOCATION: SURAT (GUJRAT)

QUALITY / PROCESS ENGINEERING

Accomplished professional with around 5 years of experience in Quality & Process Engineering & function in companies repute in developing quality systems, procedures and controls to ensure that products consistently meet performance and quality specifications with significant contributions to customized OEM products, Quality Management, Field application, / Process Improvements

CAREER PATH

JUNE 2017 to TILL DATE Sr. Engineer QA/QC at WAAREE ENERGY LIMIED SURAT, GUJRAT

WAAREE ENERGIES LIMITED (1100 MW) is one of the leading solar panel manufacturers in India.

FEB 2014 TO APRI 2017 Assistant Manager Q.A/QC in INTER SOLAR SYSTEMS LTD. DERABASSI, (PUNJAB)

INTER SOLAR SYSTEMS LTD is one of India's Top Solar water heating systems and PV Module manufacturers. Specializing in swimming pool heating, industrial and at-home solar power solutions. It is certified with ISO, IEC and TUV. Employing more than 400 People direct indirect.

JULY 2013 TO DEC 2013 GET at AD Hydro Electric Power Project Prini Manali.

PROFESSIONAL EXPERIENCE

TECHNICAL

- RM testing of critical parameters like Gel content, Peel strength & Shrinkage test.
- Improving In process Quality control & Final Quality Assurance Plans to controlling the non-compliance
- BOM selection as per customer requirements and process adaptability
- Vendor evaluation, supplier inspection & Customer Complaint, Data & Rejection Analysis
- Reliability Testing of PV modules as per IEC & UL standards
- Design & Development of Solar PV Modules as per customer requirements
- Designing New Projects & Quality Testing Procedures as per Product Standards

- Module & Cell testing as per field conditions using array simulators and cell sorters.
- New Products and module evaluations.
- Hands on experience on Quality testing & Field Testing equipment's.
- Maintaining Quality Management System Documents and assisting as a DMR for ISO 9001, ISO 14001 & OHSAS 18001 Standards
- 5S, kaizen process implementation & training.
- Maintaining & controlling of departmental objectives along with analysis.
- Provides training and guidance to team members to accomplish production goals.
- Develop best practices to improve production capacity, quality and reliability.
- Evaluate current production activities and make recommendations for improvements. Provide engineering support for production and maintenance activities to ensure maximum production.

DATA MANAGEMENT

- Auto Tabber & Stringers Maintenance and getting throughput as per target.
- Man power & material planning.
- Improvements in productivity & Plant Capacity calculations.
- MIS preparations and communication to higher management.
- Responsible for Control of Calibrated equipment requirements and ensuring all equipment requiring calibration are kept under control.
- Responsible for Control of Local and Global procedures and work instructions.
- Assist in monitoring and performing ISO required tasks, such as Internal Audit External Audit and communication of specific metrics
- Lead Root Cause Analysis for timely closure and adequate CAPA
- Perform follow-up activities to close out audit findings and measure improvements.
- Provides periodical analysis of (NCs-Non Conformity, complaints and Case Studies).
- Lead Internal Auditors to perform audits and conduct training to auditors as required.

TECHNICAL QUALIFICATION:

- M.Tech in MECHANICAL ENGINEERING from PUNJAB TECHNICAL UNIVERSITY 73% (2013-2015)
- B.Tech in MECHANICAL ENGINEERING from HIMACHAL PRADESH UNIVERSITY 74% (2009-2013)

EDUCATIONAL QUALIFICATION:

- Intermediate from Central Board of Secondary Education 2009.
- MATRICULATION from H.P. School Education board 2007.

THESIS:

Optimization of Surface Roughness and Improving Profile Accuracy in SPIF (Single Point Incremental Forming) Process

PAPER PUBLICATION:

Presented Paper in national conference on “statical and analytical method in production and industrial engineering SAMPIE-2016” 9th march 2016 at PEC, Punjab engineering college Chandigarh.

Presented review paper on *Parametric Investigation of SPIF* on “Engineering Research and Application” organized by USET at RBU Punjab.

Optimization of Surface Roughness and Improving Profile Accuracy in SPIF (*Single Point Incremental Forming*) Process, International Journal of Current Engineering and Technology, vol-5, pp-2049-2052

STRENGTHS:

- Innovative and creative mind setup.
- Patience, cordial nature, good sense of humor.
- Good leadership and managing qualities.
- Hard work sole mantra to achieve success.

PERSONAL DETAILS:

Permanent address	: S/o Sh. Biri Singh Thakur. V.P.O. Sadhot teh. Sarkaghat Distt. Mandi (H.P.) Pin - 175024
Date of Birth	: 19 July 1991
Marital Status	: Single
Nationality	: Indian
Language Known	: English, Hindi, Punjabi.

I hereby declare that the above-furnished particulars are true to the best of my knowledge and belief.

Date:

Place:

Ritesh Thakur