

Resume

KUNAL SOOD

V.P.O. Jaisinghpur

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Career objective:

To pursue a challenging and dynamic role in the field of solar semiconductors and electronics which will provide the best opportunity to further develop my skills, abilities and knowledge in a stable firm with a long term career growth possibilities.

Professional Experience:

Total Experience: 4+ Years

ADANI GROUP (Mundra Solar PV Ltd)

MSPVL is Solar PV manufacturing company under ADANI GROUP (Ahmedabad, Gujarat).

The company is setting up 1.2 GW Integrated Solar Manufacturing unit (Wafer-Cell-Module) in Mundra (Gujarat). Currently installation and commissioning is in progress.

Duration: Sep, 2015 to Present.

Designation: Senior Process and QC Engineer.

Job Profile: Project management team member, Process & QC for 1.2 GW Solar cell line.

Job Responsibilities:

- Process & cost wise analysis for different production tools.
- Preparing Technical Evaluation Reports on for different technology tools (Standard, PERC and Bifacial).
- Training Get's, DET's and ITI's for Shop floor work.
- Preparing presentations on new and latest Solar cell process technologies and demonstration to team.
- Preparing Control Plan, SOP's, WI etc for shop floor activities and ISO records.
- Attending meetings with vendors for understanding their tools and analyze their performance.
- Setting up recipes for different tools of cell line.
- Conducting Site acceptance tests (SAT) with coordination of OEM for evaluation of cell line tools for their performance as specified in technical specification/agreement.
- Fine tuning of process parameters/ recipes to increase/maintain cell level efficiency (18.40, 20.3 and 20.5 % for Std., PERC and Bifacial resp.)
- Perform trials for metallization paste, squeegees & screens for vendor development.
- Visit OEM site for Factory acceptance test of tools before shipment to verify required functionality & performance.

JUPITER SOLAR POWER LTD, BADDI

JUPITER SOLAR POWER is an ISO 9001, EMS14001, OHSAS18001 certified company. The company has well-organized **production in SOLAR CELL** capacity 130MW. The company operates in Multi-crystalline Silicon wafer while providing the maximum of cell efficiency, across the nation. The technical expertise is being provided by the big giants of PV industry i.e. **Centrotherm, Asys & ICOS Vision Syst.**

Duration: Aug, 2012 to Sep, 2015 (3 Years Experience).

Designation: Process Engineer.

Line –Rena, CENTROTHERM & ASYS, Manz Printing Line, SC China
Line efficiency –up to 18.10% with 3BB -Padded design.

Job Profile: Managing team for Solar cell Process improvement & optimization with minimum cost and maximum productivity, preparation of documents, Circulation & Modification.

Project Undertaken In Industry:

- Diffusion recipe implementation for low POCL₃ resulting in gain in Isc and Voc.
- PECVD color variation minimization by implementing multilayer recipe along with proper etching process
- Installation and commissioning of Solar Cell manufacturing line worth the capacity of 130MW in along with expert professionals of CENTROTHERM, ASYS , MANZ at shop floor.
- To reduce chemical and POCL₃ consumption as per international market standard use by using lean manufacturing techniques.

Job Responsibilities:-

- Process data analyzing and initiating corrective actions.
- Maintaining ISO documents for Process department.
- Analyze possibilities of continuous improvement in efficiency & Implementation of various cost reduction programs.
- Daily Reporting to **H.O.D.** for full day Process activities.
- Handling qualified Technicians/Workers for better quality of product.
- Daily Work Planning, Daily & monthly reports.
- Plan and coordinate production processes on daily basis to produce high quality products.
- Perform engineering analysis to reduce downtime.
- Evaluate current process activities and make recommendations for improvements.
- Implement cost reduction initiatives while maintaining high quality standards.
- Provides training and guidance to team members to accomplish process goals.

- Develop best practices to improve production capacity, quality and reliability.
- Investigate problems, analyze root causes and derive resolutions.
- Cost reduction by monitoring process scrap.
- Prepare daily , monthly & yearly reports for solving process problems
- Control of inspection , measurement and test equipment in production/ process.

Technical Qualification:

- Bachelor of Technology in (**Electronics and Communication**) from the **ETERNAL UNIVERSITY**, Baru Sahib, Himachal Pradesh with **7.5 CGPA**

Academic Qualification:

- **Matriculation** from B.K Public High School, Jaisinghpur, Kangra (H.P) under **HPBSE** with percentage **82.8%**.
- **12TH [Non-Medical]** from Him Academy, Hamirpur (H.P) under HPBSE with
- Percentage **73.4%**.

Academic Project Work:

- Completed a Project titled “**Cell Phone Detector**” submitted to HOD, Department of Electronics and Communication Engineering, Eternal University, Baru Sahib.
- Major Research Project on “**PC-Robot with USB Camera Navigation**” submitted to HOD, Department of Electronics and Communication Engineering, Eternal University, Baru Sahib.

Achievements:

- Awarded as “**Best employee of the month**” in june-2014.
- Awarded a scholarship worth Rs. 10, 000/- only in Matric by HPBOSE, Dharamshala.
- Secured **69th Rank** in Merit list of Matric in Himachal Pradesh Board of School Education, Dharamshala in May 2006.

Points for self:

- Hardworking, eager to take initiative, quick learner.
- Enthusiastic and Optimistic.
- Dedicated and punctual.

Personal Details:

Name	Kunal Sood
Father's name	Sh.Bipan Sood
Mother's name	Smt. Sunanda Sood
Date of birth	March 30, 1991
Sex	Male
Marital status	Single
Linguistic proficiency	English, Hindi
Hobbies	Travelling, net surfing, Listening music.

Declaration

I hereby declare that all the particulars given here in are true to best of my knowledge and belief.

Date:

Place:

(Kunal Sood)