

RAMAN LAKHANPAL
ASSITANT MANAGER
MUNDRA SOLAR POWER LTD.
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CAREER OBJECTIVE

Seeking challenging assignments in Technology/R&D/Process/Product Development/Product Management/Purchase/operation with growth oriented organization with 8 yrs of PV industry experience

ORGANIZATION EXPERIENCE (Total- 8 yrs)

Company: Mundra Solar PV Ltd (1.2 GW)

Role: Product Certification /development/Pre-sale Technical

Product Management:

- To conduct inspection at various stages of manufacturing viz incoming raw material & final inspection.
- Prepare NCR/CAPA report for nonconforming product for inspection in-house as well customer side rejection
- Development of QAP & rectification of drawings, QAP related to every sales order.
- Conduct 3rd party audit for Bankability/Customer/factory audit/MNRE
- Manage existing products and lead development of next-generation products
- Overall Product Certification Projects – World Market & Indian Market
- Define and drive aggressive product roadmap to increase volume and reduce cost
- Drive assessment and pursuit of new markets, segments and applications
- Strategic planning, product management, program management
- Responsible for Overall product Life cycle management with Efficiency Road maps
- New Product development – Reliability , Linear Warranty , Cost , ROI ,LCOE
- Product Segmentation & Penetration Strategy
- Technical pre sales support: assist for domestic & international .

Company : Mundra Solar PV Ltd

Role- Assistant Manager (**Solar Cell Manufacturing-Production & Process**)

Key Responsibilities:

- Process control/optimization of equipment like **etching, R-sheet, ARC deposition ,high temp.**
- Control/study all variable w.r.t. process & equipment.(Like **Etching variation, ARC deposition**)
- **Cost reduction** by improving yield related project : Breakage control, Reducing rework ,Color variation
- Implementing of quality standard and structured process /internal Process control for manufacturing operation of equipment and standard products ensuring accomplishment business goals across the assigned business unit.
- Devolving standards & operating procedure for equipment &modern skills for achieving excellence in coordination with stakeholder, supplier & customer.

- Training & Development

Projects:

- Bifacial Glass to Backsheet product development & Product Certification .
- **Anti reflecting coating** – control thickness variation from 0.3 % to 0.1 % of per date production annually saving 25 lakhs/yr
- **Breakage Control** – from 1.9 % from 1.2 % of daily production by 6 Sigma approach – saved 7 Cr/annually.
- **Consumption control for Graphite button** : button life from 1000 to 2000 without effecting yield. Saving 3 Cr/annually.
- Local Graphite vendor development for Anti reflecting coating deposition .

Company : Lanco Solar Private Ltd(2015-2016) : **9 months**

Role: Sr. Engineer (Technology- Quality inspector)

Key Responsibilities:

- **COO 's office** as technical assist located Gurgaon
- Process & quality control for module manufacturing in house as well as vendor .
- Module quality inspection @ supplier end Vikram, Waraee Solar.

Company : Jupiter Solar Power Ltd(2011-2015):

Role: Engineer (**Production & Process**): Solar Cell Manufacturing

Key Responsibilities:

- Process & quality control for printing line both Asys ,Manz
- Control all parameter related to equipment like printer, fast firing, Cell tester .
- Analysis of bin distribution as per required eff. /customer demand.

EDUCATIONAL AND PROFESSIONAL CREDENTIALS

- **B.Tech (ECE) (2007-11)** - Lovely Professional University with **78.02%**
- **12th Him Academy Public School 2007** - H.P. Board with **68%** marks.
- **10th Him Academy Public School 2005** - H.P. Board with **73%** marks

COMPUTER PROFICIENCIES

- MS EXCEL & MS POWER POINT, MS ACCESS and general Computer operation

ADDITIONAL INFORMATION

Date of Birth : 11th NOV 1989

Father's Name : Mr. Dile Ram

Marital Status : Married

Passport Number: J 3560041

I hereby declare that the particulars given herein are true and complete to the best of my knowledge and belief.

- Date __/__/__

Raman Lakhanpal