

Mohit Karnani

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Passport no.- L8990488

Career Objective

To acquire a position that affords me the opportunity to bring my technical expertise, problem solving skills and willingness to learn to make an organization successful.

Academic Details

Year	Degree	Institute	Percentage
2010-2014	B. Tech. Ceramic Engineering	Govt. College of Engineering and Technology, Bikaner	79.71%
2010	Class XII RBSE ,Ajmer	MBSS Balbari Sr. Sec. School, Bikaner	87.69%
2008	Class X RBSE, Ajmer	MBSS Balbari Sr. Sec. School, Bikaner	83.00%

Achievements & Certification

- University **TOPPER & GOLD MEDALIST** in B. Tech Ceramic Branch.
- Among the centre wise top 10% students in Indian National Chemistry Olympiad (**INCHO**) in the year 2009-10.

Professional Experience

MURUGAPPA MORGAN THERMAL CERAMIC LTD (MMTCL)

Designation: Deputy Manager - Production

Duration: From FEB 2017 to till Date

Job Profile:

- Work closely with operational team to Planning Production & achieve Production Target with no compromise in Safety & Quality norms.
- Implementing Safety and Quality aspects as per guidelines.
- Manpower management and optimizing the manpower resources with respect to productivity.
- Energy consumption optimization.
- Reduction of Waste generation with 3'R methodology.
- Root cause analysis for Production affecting Reason and Deploying the counter measure.
- Regularly review and report to Plant Head Operation, the performance of department against target.
- Review the Department KPI's and prepare the roadmap for improvement.
- Taking up Process improvement projects for sustenance.
- Initiating cost saving projects for securing manufacturing cost.

- Co-ordinating with R&D team in new product development and implementing in Production.
- Taking Lead in new project commissioning and establishing the SOP's.
- Policy deployment to next level (Supervisor and Operator).
- Preparing Work Instruction for New Production items and standardize.
- Develop Visual Management for achieving standardization in shop floor.
- Involve Operators in Internal participation (SGA, Kaizen) and External participation.
- Liaison with Maintenance, PPC, Purchase, Quality and Stores for smooth operation of production.
- Preparation of Budget for next year and monitoring the Budget plan vs actual.
- Active involvement with Procurement team for Alternate Raw material sourcing.
- Benchmarking other sites and deploying good practices.

Accomplishments:

- Production of Pyro log 128 & 160 density – Developed Binder for Improvement of hardness, Good response from Sales team.
- Breakthrough improvement in Spun Line Superwool Melting Eff from 1.25 to 1.02 kwh/kg – Upgraded Furnace Lining configuration, Melt Eff of 1.02 kwh/kg sustained for 100 days.
- Melting Eff Improvement from 1.35 kwh/kg to 1.23 kwh/kg in Pyro Line - Upgraded Furnace Lining configuration.
- Spun Line Productivity improved from 13.3 T/day to 14.0 T/day. And Pyro Line Productivity improved from 5.5 T/day to 6.2 T/day.
- SIM 1 board for Spun line, Pyro Line, Maintenance, Store, Paper and Module line and SIM 2 board implemented.
- Pyro line Cerachem Fibre cost reduced by 10% - Recipe adjustments in line without compromising quality. Transition loss reduction - Utilization of transition material by converting to 1260 Grade other than EIL spec. Process Mapping to further drill down the costing.
- Work instruction developed for Furnace, Needling, winding station and trained the team.
- Kaolin clay introduced and produced Cerawool Blanket within Quality specs and Cost reduction by 10%.
- Elimination of Magnesium Oxide from Superwool plus Recipe - The price of MgO has increased by 37%. So, we have explored the option of using Dolomite raw material in place of MgO and standardise the Starting / Closing Recipe for long term. The savings working out to INR 32,331 for initial start-up only.
- Established Aluminium Foil rolls pasting activity for Passive Fire Protection.
- ZERO (Positioned) base Manpower deployed and reduction achieved from YTD 2019 - 35.3 to YTD 2020 – 15 mandays.
- FDC material using as Virgin raw material in recipe and thereby improving recycling.
- Safety and Ergonomics - Started packing of unlub bulk at winding area. Earlier after needling machine unlub bulk was getting packed which was unsafe and area also congested. Manpower also reduced from 8 to 4.
- PRIMO Savings: 2019 : 3100 K INR, 2020 : 5640 K INR.

NITCO LIMITED

Designation: Sr. Engineer – Process & Quality

Duration: From JULY 2014 to JAN 2017

Job Profile:

- To conduct Process Audit and share the observation for improvement.
- To prepare TDS and stage wise process specification to assure product quality in NITCO specification.
- To analyse customer complaint and prepare corrective actions to avoid recurrence of complaint.
- Effectively interact with production and development team to maintain quality and supply at every stage of production line.
- Co-ordination with Maintenance team for process improvement.
- Co-ordination with R&D team for launch of new product and establishing required documentation.
- Certifying Initial Product after reviewing end to end process and giving clearance for mass production.
- Root cause analysis, corrective and preventive action against production and quality affecting area.
- To maintain daily production parameter and analysis of same.

Accomplishments:

- Completed project on 'To control the Loss due to Chipping'.
- Completed project on 'To Control the Green Rejection'.
- Enhanced overall quality of finished product by working as a Task Force Team member.
- Develop new SOP for product and raw material.

Training

- Got trained and certified on 5S at AMA Ahmedabad.
- Worked as an Intern at **H & R JOHNSON INDIA LTD** for 45 days.
- Received hands on training for JDE production module.
- Completed one-month training at China Clay Projectory Centre, Kolayat in Traditional ceramic approved by Government of Rajasthan in 2012.
- Visited to CSIR-CGCRI, Khurja for the study of different machinery and techniques of Traditional as well as advance ceramics in 2012.
- Visited various industries to study the manufacturing and importance of ceramic components like insulators, sanitary ware etc.

Personal Details

Name	:	Mohit Karnani
Date of Birth	:	04/10/1991
Address	:	Santosh Kumar Karnani, Karnani Mohalla, Gangashahar, Bikaner, Rajasthan, India.

I hereby declare that above information is true up to my knowledge.

Place : Ahmedabad, GJ , India

(Mohit karnani)