**Susanta Kumar Mishra**

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***A result-oriented professional with excellence in implementing quality mechanisms to deliver desired output, targeting managerial assignments in Quality Assurance & Control with an organization of high repute, preferably in polymer industries.***

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| **Core Competencies**  Quality Assurance & Engineering  Audits (Internal / External) & Compliances  Cost Saving Initiatives  Vendor Development  System Implementation  Laboratory Setup  Quality Control Device Management  Training & Development  Statistical Studies |  | **Profile Summary**   * High-energy professional with rich experience of over 08 years; managed quality operations in ***Polymer Plastics Compounding, HDPE Pipe, Drip Irrigation, HDPE Bottles & PET Preform Bottles, XLPE Foam, Capcell, Laminated Tubing, Printing, Recycling and Rubber industries*** * Skilled in conducting process audits & product quality audits, identifying areas of improvements & taking steps to correct & prevent further occurrence of repeated issues * Coordinated with departments, process developments & technical evaluations to achieve operational excellence at the lowest overall cost * Contributed as the team member for process improvement project & reduced cost by applying Six Sigma concepts (DMAIC ) * Steered efforts towards: * ***Designing / establishing laboratory*** from 0 hour to milestones production level * ***Introducing 5’s techniques*** throughout the department * Ensured compliance to quality measures as per ***ISO 9001:2015(QMS),ISO 14001-2015(EMS), OHSAS(45001-2018), ISO 22000:2005, German Din Standard, ASTM Standards, BSI,BIS, ANSI, SASO, NSF, WRAS, AWWA, FM Approval, ISO 4427*** and company safety norms * Acquires a clear understanding of technology & trends with merit of instituting new metrics / measurements for different functions in process operations; an effective leader with capabilities in training teams for running successful processes |

**Knowledge Preview**

**Quality Testing (Polymer and Analytical) devices:**

**Polymer Testing Devices:**

* Melt Flow Indexer (Gottfert)
* Colorimeter (Hunterlab)
* Glow wire tester
* H & V Flammability tester
* Moisture Analyzer (Computrac and Preciamolen)
* Optical Control System (OCS)
* FTIR (Perkin-Elmer)
* Tensile and Flexural Tester (Zwick)
* Izod & charpy Impact Tester (Zwick)
* HDT & Vcat (Instron)
* Spectrophoto meter
* Blow Film Machine (Technocanto)
* Mooney Profile Check (Gibitre)
* Injection Molding Machine (Engel)
* Muffle Furnace (Nabertherm)
* Sieves Shaker (Filtra/Endicott)
* Heat Reversion Test-ISO-8796
* Color Dispersion Test
* Carbon Black Dispersion Test-ISO-18553
* ESCR Test
* Hydro Static Pressure Test
* Flow Rate Test
* Burst Test ISO-1599
* Oxidation Induction Test & Band Beck Test
* BFC / Torque/ Top Load / Leak / Drop Test

**Education**

* **Post graduate diploma**  in Plastics Processing and Testing Technology from CIPET, Bhubaneswar, Odisha in 2009-2011
* **Bachelor of science**  in Chemistry from Berhampur University, Odisha in 2006-2009

**Organizational Experience**

**Ravago Middle East Company, Al Jubail, Saudi Arabia & Ravago Manufacturing India Pvt. Ltd, Vadodara, India**

**Quality Technician & Quality Supervisor-Plastics compounding plant Jul’17–Till now**

**Key Result Areas:**

* Raw materials processed in compound plants like ,,POM,SAN,ABS,LLDPE,HDPE ,PC,PBT,PA6(nylon),PA66 etc.…….
* Ensuring adherence to quality standards and maintaining all related documents; identifying areas of quality failures and implementing system wide preventive & corrective actions in order to avoid the reoccurrences
* Taking stringent quality measures including preparation / maintenance of necessary documents and conducting audits to ensure compliance with standards
* Developing methods & validating analytical systems i.e. testing of methods to ensure that they are precise, accurate, reproducible, "fool-proof" & specific to product
* Reviewing the SOP’s / technical specifications validation protocols, validation reports and other quality documents / change-control procedures for SOP’s
* Managing the operational performance of the Incoming Quality Department, ensuring the delivery of Key Performance Indicators (KPIs) and objectives
* Engaged in:
* Control calibration, verification and monitoring (by using internal & external support) of all testers & process measurement devices.
* Maintaining CAPA for in-house & conducting detail analysis of customer complaints related to functional problem of products
* Executed the Prime Polyolefin compounding and master batches by addition of extra ingredients such as antioxidant, talc, stabilizers, colors and other additives during extrusion process on high productivity Coperion Extruders & steer extruders having K-Tron Feeders and Nordson (BKG) Unwater Pelletizing System.
* Administered the compounding tolling business and provided service to external partners

**Previous Experience**

**Petrochemical Conversion Company Ltd., Al-Jubail, KSA Aug’14 – Mar’17**

**Quality Inspector-Quality Control**

*(Received the Employee of the Month Award in Jul’15 for outstanding performance &contribution in safety and quality)*

**Essel Propack Ltd., Goa Dec’11 – Jul’14**

**QA Associate Executive**

**Supreme Industries Ltd., Pune Nov’10– Dec’11**

**Production Shift In-Charge**

**Safety Awareness Trainings Attended / Offered**

* PPE Usage in Plant, JSA (Job Safety Analysis) Ergonomics, Emergency Response, Fire Drills, Blood Borne Pathogens, Hearing Conversations, Work Permit, General and Special Work Permit, LTT, Lifesaving Rules(LSR), Tenets of Operations, Safety Harness Training, Work at Heights, Scrap Folding, MOC, Forklift Training (16 ton), Scissor Lift Training, Boom Lift Training, Waste Disposal, Fire Extinguisher Training, Eye Wash Shower, GMP & so on
* Implements & Maintains Waste Inventories and Process Advice On All Waste Disposal And Recycling Matter
* Preparation and Execution of Emergency Exercise and Response
* Environmental Awareness, Safety, Controls and Waste Management Exercises

**Certifications**

* Six Sigma-Green Belt & 5s training from Petrochemical Conversion Company Ltd. Saudi Arabia
* Presentation Skills from Training & Management, Petrochemical Conversion Company Ltd. Saudi Arabia
* Certified for Dynamics AX for New Users, SANDS-Safety Awareness Needs Daily Spotlight, EDMS-Electronic Document Management, and Computer and Communications Systems Policy & Cyber Security Awareness
* ISO 9001:2015 Awareness and Six Sigma Green Belt from IACT Global, India
* Blow film machine, injection molding machine, hdt & v-cat machine, Melt flow machine, elongation machine etc.…all these machines training certificate achieved from machine suppliers.

**Technical Skills**

* Windows 7 & Windows 10
* Microsoft Office, ERP, SAP & Ax-dynamics.
* **Personal Details**
* **Date of Birth :** 15th May 1988
* **Languages Known :** English, Oriya, Hindi , little bit speak and understanding Marathi
* **Marital Status/nationality :** Married/Indian
* **Passport Number** : Z5023196 & issue date-10-10-2018,expires 09-10-2028
* **Driving** **License** : Possess valid INDIA driving license
* **Address :** Vadodara, Gujrat, India