

# **RESUME**

SUDHANSHU Kumar

**Permanent Address:**

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- Designation : **Assistant Manager Maintenance**
- Working at : Oriental Rubber Industries Ltd Pune
- Duration in Oriental Rubber Industries ltd : June 2011 – Present till date

**WORKING EXPERIENCE DETAILS:**

**1. Oriental Rubber Industries South Africa Pty Ltd. (523 Commissioner Street Boksburg East): South Africa - 14th April 2015 to 8.8.2021**

**Designation – Assistant Manager Plant Maintenance (Projects & Maintenance)**

**Company Profile** - Oriental Rubber Industries South Africa Pty Ltd, Boksburg is a largest producer of conveyor belts in India and South Africa. It is a well-known producer of Conveyor Belts in India, South Africa and Overseas. Oriental Rubber Industries Running with 3 Manufacturing Facilities two of them in India and one is in Boksburg South Africa. It produces different types of belts like heat resistant belts, oil resistant belts, abrasive resistance etc.

**Experience In:**

- Hydraulics and Servo hydraulic Mechanism and automation
- Boiler 4 Tph CAC Type Rakhoh Make
- Morris Make E.O.T Crane 25 Ton, 18 Ton and 10 Ton
- Cooling Tower FRP Type 250 TR
- Air Compressor Atlas Copco Make GA30FF and GA 18 VSD
- 3 Roll I Type Calendar 72" Hydraulic Motor with Hagglunds Spider Control System
- 4 Roll L Type Calendar 96 inch with DC Motor Drive
- Cold Feed Pin Barrel Type Extruder L/D ratio 1:20 with water Tcu
- 11D Farrel Make Banbury 4 wings Rotor 270 Ltr
- 9D Banbury 160 Ltr
- Gk 100 Banbury 160 Ltr
- Siempelkamp Hydraulic Vulcanizing Press. Press width 1500mm x 9300 mm
- Siempelkamp Hydraulic Vulcanizing Press width 2100 mm x 10500
- CG Make Hydraulic Vulcanizing Press width 2700mm x 7400mm
- Adamson Make Hydraulic Vulcanizing Press Width 1800 mm x 12500mm
- Hydraulic Belt Building Machine 2300mm Span Length

- Lab equipment like UTM Machines, Rheometer, Tensile testing and Abrasion Testing Machine

#### **Current Job Description:-**

- To meet Annual Business Plan Target Month to date by playing efficient Role as Plant Engineer
- Utilization of Manpower in Correct way to achieve our daily Maintenance target in efficiently.
- Reduce Machine Breakdown Time by Implementing Continuous Improvement Plan
- To Prepare Standard Operating Procedure (S.O.P) and Work instruction (WI) For Each Machine.
- Keep Machine in Reliable and Healthy Condition by scheduling Its Preventive Maintenance Schedule and Its Execution.
- Preparation of Corrective Action plan for any Defects Related to Production or Machine and Execution of RCA
- Execution of Energy saving and hence Cost saving Projects In Plant on Monthly basis IN Kaizan.
- Continuous Modification and Automation in Machine to Increase Productivity
- Machine Designing and Modification to increase Productivity
- Preparation Of MTTR and MTBF For Machine Maintenance to Close Monitoring On Down Time

**Total Team Size : 35 Nos(Engineering and Projects)  
Reports To Plant Head Oriental Rubber Industries South Africa**

#### **Machine Installation and Plant Expansion Projects(2015-2017)**

- Installation and Commissioning 4 TPH Boiler CAC TYPE
- (2) Installation and Commissioning of Hydraulic Vulcanizing Press 1.6 wide x 9 mtr Long-SiempelKamp Press
- Installation Commissioning of Cold Feed Extruder Pin Barrel Type
- Calendaring Unit 64" I type
- Installation and Commissioning of Morris E.O.T Cranes 25 Ton and 18 Ton
- Hydraulic Belt Building Machine with 4 nos of Trolley on it
- Installation of Atlas Copco 30FF Air Compressor
- Installation and Commissioning of 250TR Cooling Tower FRP Type

- **Implementation Of ISO 9001 and SABS at Plant 3 South Africa**

### **Achievements and Cost Saving Implementation**

- Up gradation on Steam Condensate Recovery system to Save on Fuel Cost and to Increase Boiler reliability
- Modification on Steam Pipe to save Steam energy
- Installation of Power Factor Capacitor Panel 250 kVA
- Designing of Screw Feeder and Bucket Elevator Conveyor to Reduce manpower in Boiler
- Modification on E.O.T Cranes to Reduce Breakdown time Like Installation of Side Pull Device, Installation of VSD In Hoist Motor and Cross Travel Motor
- Installation of Anti-collision Device for Our E.O.T Cranes to reduce Down time for Production
- Designing of Water and Steam TCU Unit In-house for Extruder to Control Feed temperature
- Modification on Calendar Machine Let off .Installation of SAI Hydraulic Motor and Hydraulic circuit Design for Motor forward and reverse for Reducing Change over Time at Calendaring section
- Standardization of Machine Sub Parts and Process Tools to Reduce Process Change over Time
- Electrical Circuit Modification to Stop HPU Pump Running all The time to save Electricity
- Using Single Pump for Cold Well and Hot well ,Reduction of 15kw Pump to save electricity
- Implementation of Automatic Baffle plate arrangements with Solenoid Valve with Timer to keep Compressed air Dry to Decrease Run time of Air Compressor Motor

### **PROJECTS AND MAINTENANCE ENGINEER(2011- March-2015)**

**COMPANY NAME: Oriental Rubber Industries Ltd, Pune**

**Experiences: Machine Maintenance and Plant Expansion at Pune**

#### **PROJECTS:**

- o Installation and commissioning Of Hydraulic Vulcanizing Press Siempelkamp size 2300 mm x 10500mm(2011)
- o Installation and commissioning of Vulcanizing Press CG 2780MM X7500 MM IN (2013-14)
- o Installation and commissioning Of Banbury 4 wing Rotor GK100 Banbury 160 Ltr(2014)
- o Complete Overhauling of 9D Farrel Bridge Ban bury
- o Installation of 11d 270 Ltr **Banbury**

**Reporting: General Manager Works**

**2. ZF Steering Gears(India) Ltd. ( AUG. ,2010 to 10 June, 2011)**

**Company Profile :** ZF steering Gear is a producer of automobile steering gear to many automobile companies such as Force motors, Tata motors, Mercedes Benz, Volvo etc.

**Designation** – Maintenance Officer Utilities

**Job Profile:** Taking care of maintenance and smooth running of utility department. Mainly pumps, compressors etc.  
Implementation of PM schedules and checklists.  
**Reported to** Manager Maintenance Dept.

### **EDUCATIONAL QUALIFICATION**

- **B.Tech In Mechanical Engineering from BPUT ORISSA**  
**YEAR-2006-2010 . Percentage Achieved 75%**
- 12<sup>th</sup> FROM HOLLY MISSION SECONDRY HIGH SCHOOL SAMASTIPUR WITH 68.4% IN 2005
- 10<sup>th</sup> VIDYA MANDIR SIWAN WITH 84.2% IN 2003

### **PERSONAL STRENGTH**

- Good Leadership Quality
- Friendly and Positive.
- Strength of Honesty.
- Self-Confidence and Self- Motivation.
- Adapt easily to new concepts and responsibilities.

### **PERSONAL DETAILS**

Father's Name	: Pramhanse Tiwary
<b>Date of Birth</b>	<b>: 3 April 1988</b>
<b>Languages known</b>	<b>: English, Hindi, Odia.</b>
Nationality	: Indian
Gender	: Male
Nationality	: Indian
Religion	: Hinduism
Hobby	: Singing Song

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### **DECLARATION**

I do hereby declare that all the above-mentioned particulars are correct, true and complete to the best of my knowledge and belief.

Place : Pune

Date :

Sudhanshu Kumar