



**AKSHAY DINKAR RANE**  
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## EDUCATION

2012 B.E. (Mechanical Engineering) from Finolex Academy of Management & Technology, Ratnagiri, Mumbai University with 68.67%.

## CAREER OBJECTIVE

To grow into mature and experienced individual in a professionally managed organization to achieve my individual goals and contribute towards the progress of the organization with the best of my potential.

## PROFILE SUMMARY

- A competent professional with an experience of 8.3 years in Project Management i.e. Installation, Commissioning & Operation, Maintenance of Utility, Zero Liquid Discharge(ZLD) Plant.
- Worked with overseas supervisors from POSCO Steel, Korea & OVIVO water system, Germany during project installation, commissioning & execution activities.
- Prepared punch points for all sections as per P & ID & also implemented Standard Operation Procedures (SOP's) for all equipment's.
- Managed a team of 10 Nos. required for Utility, ZLD Operation & Maintenance.
- Cost control:-Power, Fuel, Water, Chemicals, Repairs & Maintenance.
- Selection of pumps, compressor & other mechanical equipment's on the basis of requirements.
- Ensure sufficient resource of personnel, spare parts & materials to support efficient and effective Plant operation.
- Implemented cost saving methods/projects within the department also motivated team for cost conscious & safe operation.
- Maintained daily & monthly documentation reports & other records as per ISO-9001 & ISO-14001.
- Hazard Identification and risk assessment (HIRA) ensuring the health & safety of team members.

## ORGANISATIONAL EXPERIENCE

### **1.Bekaert Industries Pvt . Ltd., (Belgian MNC), Ranjangaon:**

It is a World market & technology leader in steel wire transformation & coating technologies.

Job Profile : ZLD In-charge

Designation : Process Engineer (ZLD)

[ July'17-till date ]

### **Responsibilities:**

- Installation, Commissioning, Operation & Maintenance of DM Plant & ZLD Systems like Waste water treatment plant equipped with Filter Press, Ultrafiltration, Reverse Osmosis, MEE (Multi Effect Evaporator) including agitated thin film dryer, HCL Scrubber System & Utility Equipment's such as LPG fired Boilers, Cooling towers, Screw Compressors, AHU's(Air Handling Unit)
- Responsible person to installed Bekaert first ZLD with CAPEX of 35 Crores INR.
- Done risk assessment of ZLD System by using BRAM(Bekaert Risk Assessment Matrix) Method, also done Aspect, Impact analysis of ZLD system.
- Prepared PFD,PFMEA & Control plan for ZLD System.

### **2. POSCO Maharashtra Steel PVT LTD (South Korean MNC), Ville-Bhagad, Mangaon:**

It is World 4<sup>th</sup> Largest Manufacturers & suppliers of Galvanized steel required for automobile sector as well as for household appliances in Home Market & exports.

It is World 1<sup>st</sup> largest steel industry manufacturing automobile steel.

Job Profile : Utility Shift In-Charge (Sub-Section Leader).

Designation : Senior Engineer.

[ Sep'12-Jun'17 ]

## **Responsibilities:**

- Commissioning, Operation & Preventive Maintenance of Utility equipment's like NG fired Boilers, Centrifugal air compressors, Screw compressors, Air dryer, DM plant, Cooling water system, Waste water treatment plant equipped with MBR(Membrane Bio-Reactor) system, GE's first in Asia EDR (Electrodialysis Reversal) & ZLD (Zero Liquid Discharge) system & Operation of STP(Sewage Treatment Plant) & Fire Hydrant System.

## **ACADEMIC PROJECT**

- Knowledge Management & Its Reuse for Performance Measurement.  
B.E. Project, FAMT, Ratnagiri | Guide: Prof. Milind Kirkire, [Jul'11-Apr'12]
  - Knowledge Management by collecting information of employees from 3 Nos. of Industries.
  - From that information developed a Performance Measurement Software by using VB 6.0 & DBMS.

## **TRAININGS & LEARNINGS**

- Attended 3 days training for internal auditor for ISO-14001:2015(EMS) & ISO 45001:2018(OHSAS).
- Taken training on Be-care tool to achieve, No harm to anyone @ Bekaert by working on people's behavior by using various be-care tools.
- Attended One Week training for Korean Language Course.

## **EXTRA-CURRICULAR ACTIVITIES**

- Completed 9 days Industrial training at Welspun Maxsteel Ltd. (Salav, Raigad) in Mechanical dept.
- Done Industrial visit to Ratnagiri Bus Workshop.
- Gold Medal in Inter Dept. Kho-Kho Competition, FAMT Ratnagiri['11 & '12].

## **ACHIEVEMENTS**

- Developed alternative polymer (Cationic) treatment method for Conditioner waste, though saved cost of 14 Lacs per month of its direct disposal.
- Increased COC(Cycle of Concentrations) of cooling towers from 4 to 7 & thus reduced bleed from the system & also conserved incoming raw water.
- Offered the role of Shift In-charge (Sub-Section Leader) of Utility department.
- Winner of interdepartmental Housekeeping and 'My Machine Activity' competition (Boiler).
- Awarded with Best Student Award in 10<sup>th</sup> Standard.

## **PERSONAL DETAILS**

Name : Akshay Dinkar Rane

Date of Birth: 13<sup>th</sup> October 1990

Marital Status: Unmarried

Address: Uptown Avenue, Bldg. No.:2, B-105, Panvel:410206

Passport No.:L4814528

LinkedIn ID:[/akshay-rane-87616075/](#)

## **DECLARATION**

I hereby declare that the above-mentioned particulars are true to the best of my knowledge and belief.

Date:

Yours sincerely,

Place:

(AKSHAY DINKAR RANE)