



## ROHIT UTTAMRAO AWATADE

(Mechanical Design Engineer)

Post-Graduation : M.E (Mechanical Design Engineer) from Pune University.  
Graduation : B.Tech (Mechanical) from Walchand College Engineering, Sangli.  
E-Mail ID : **rohit.awatade05@gmail.com**  
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### **A. Organizational Exposure:**

**Company** : Thermax Limited  
**Location** : Bhosari, Pune, Maharashtra. Pin Code: 411026  
**Designation** : Lead Mechanical Engineer - MHP (P&ES\_FGD Division)  
**Work Experience** : Since Feb 2023 to till date (4 Months as on June 2023)

### **Area of Experience – Lead Engineer:**

- Currently working as a Lead Engineer in Material Handling (P&ES\_FGD Division).
- Experience in EPC Project Layout Drawings Review & Suggestions (Guidance) at pre order (enquiry) as well as post order stage.
- To understand contract requirements, and to release enquiry specs to vendors.
- Review of vendor drawings & coordinate with them to complete the order or task.
- Coordination with project team members, vendors & clients for the project / order related submissions.
- Knowledge of understanding the project scope & tender documents.
- Knowledge of BOHT-out items (P&ID, Flow Diagrams) required in EPC projects.
- Knowledge of Oracle Software – ECO, DMS, Bill of Material, JRM, etc.

### **B. Organizational Exposure:**

**Company** : thyssenkrupp Industries India Pvt. Ltd.  
**Location** : Pimpri, Pune, Maharashtra. Pin Code: 411018  
**Designation** : Executive - FGD Equipment Design, MHE Dept.  
**Work Experience** : Since June 2015 to February 2023 (7 Years 8 Months)

### **Area of Experience – Equipment / Product Design Engineer:**

- Worked as an Equipment / Product Design Engineer in FGD Equipment Design & MHE Department.
- Experience in Bulk Material Handling (Stacker Reclaimers, Paddle Feeders, and Pipe Conveyors), Equipment / Product Design (Ball Mill Components, Cement Plant Equipment, and Structural Galleries for Pipe Conveyors, etc).
- Knowledge of BOHT-out items (P&ID, Flow Diagrams) required in Ball Mills.

### **Responsible for the Design of:**

- To calculate Material Estimates for Ball Mill Products & Other Equipment.
- Mill Speed Calculation, Drive Unit (Gear Box, Aux. Gear Box, Couplings) & Lubrication unit's selection, Calculations of Foundation load data for civil construction.
- Selection of Girth Gear, Pinion & Slide Shoe Bearings, etc.
- Experience in 3D Modelling & Detailing - CAD, Autodesk Inventor. Preparation of General Arrangement drawings, Building Layouts & Fabrication Drawings.
- Knowledge of Lubrication Piping, Valves, Skid Systems, P&ID, Control Systems, etc.
- Experience in SAP ERP – DMS, Bill of Material, JRM, etc.
- Knowledge of Conveyor Calculations & Its Drive Unit Selection.

### **Responsible for Checking & Detailing of:**

- Drawings checking of Main & Aux. Gear Box, Ball Mill liners, Girth Gear Lubrication & Slide Shoe bearing lubrication system received from vendors.
- GA, Fabrication & Detail drawings of Wet Ball Mill components like Girth Gear, Pinion, Fixed & Floating bearing Guard, etc.
- GA drawings & Fabrication drawings of Belt Conveyors used in Cement Plants.
- SAP activities: BOM creation, PR creation & release, JRM release, and Drawings release.
- Design & Detailing of Movable Head Conveyor required for Material Handling.
- Worked on Proposal, Enquiry & Plant Layout of Grain (Wheat) Handling System.

**Educational Qualification:**

Class	School/College	Year of Passing	Percentage Marks
M.E Mechanical	ACEM, Pune.	2022	8.79/10
B.Tech Mechanical	Walchand College of Engineering, Sangli.	2015	7/10

**Computer Skills:**

- AutoCAD, Inventor, PDMS, Navisworks [Solidworks & Creo - (Beginner)]
- ANSYS Mechanical APDL, SAP – ERP & Data Management Software

**Personal Details:**

- Date of Birth : 15<sup>th</sup> April, 1993
- Blood Group : A<sup>+ve</sup>
- Present Address : Golden Palm's Society, B105, Moshi, Pune.  
Pincode : 412105
- Permanent Address : Akluj, Tal. Malshiras, Dist. Solapur  
Pincode : 413310

**Declaration:**

The above information is true to the best of my knowledge and belief.

**Date:****Place: Pune****( Awatade Rohit Uttamrao )**