

SOMDEEP AHLAWAT

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Objective

- Seeking a position where knowledge and experience will be further developed and utilised.

Work experience

UFLEX LIMITED - Engineering Division
(NOIDA)

Nov 2019 — Present

ASSISTANT MANAGER - PROJECTS

Job Responsibilities:-

- Planning of Greenfield & Brownfield Projects & Budgeting.
- Prepare Project Report & perform Feasibility Check.
- Draft Project Agreements.
- Design Plant Layout on AutoCAD.
- Procurement of Plant Machineries & Utilities using SAP MM Module.
- New Vendor Development.
- Cost Reduction via Strategic Sourcing.
- Draft Purchase Order/ Agreement.
- Prepare Purchase Reports.
- Prepare Project Schedule, Gantt Chart, Project Tracking Report.
- Finalise Logistics, Freight & Insurance of ordered equipments.
- Supervise Erection & Commissioning of Plant as per Plant Layout & Planning.
- Complete Handover of Plant after Successful Commissioning.

Projects:-

- Polymer Master Batch Plant
- Zipper Extrusion Plant
- Paper Core Plant
- Plastic Recycling Plant
- Injection Moulding Plant

Procurement:-

- Powder Conveying Systems & other Material feeding Systems
- Aeration Systems
- Extruders
- Pouch Packing Machines
- Injection Moulding Machines
- Check Weighers & Metal Detectors
- Utilities such as Air Compressors, Pumps, HVAC Systems, Water Chillers & Air Chillers, Cooling Tower, Electrical Panels, Electrical Transformer, VCB, ACB, DG, Electrical Cables, Cable Trays, UPVC Pipes, CPVC Pipes, SS ERW & Seamless Pipes, MS Pipes, Water Treatment (RO & DM), Effluent Treatment & Sewage Treatment Plants etc.
- Scissor lift, Hand Pallet Trolley, Fork Lift, Rack Storage Systems etc.

ASSISTANT PROJECT ENGINEER

Job Responsibilities:-

- Planning of Greenfield & Brownfield Projects & Budgeting.
- Prepare Project Report & perform Feasibility Check.
- Draft Project Agreements.
- Design Plant Layout on AutoCAD.
- Procurement of Plant Machineries & Utilities using SAP MM Module.
- New Vendor Development.
- Cost Reduction via Strategic Sourcing.
- Draft Purchase Order/ Agreement.
- Prepare Purchase Reports.
- Prepare Project Schedule, Gantt Chart, Project Tracking Report.
- Finalise Logistics, Freight & Insurance of ordered equipments.
- Supervise Erection & Commissioning of Plant as per Plant Layout & Planning.
- Complete Handover of Plant after Successful Commissioning.

Projects:-

- Patanjali Food & Herbal Park, Tezpur
- Patanjali Food & Herbal Park, Mihan, Nagpur (Non-SEZ & SEZ)
- Divya Pharmacy, Mihan, Nagpur (Non-SEZ & SEZ)

Plants:-

- Flour Mill Plant
- Personal Care & Home Care Plant
- Aseptic Packaging Plant
- RTS & Juice Plant
- Honey Plant
- Digestive Plant
- Pharmacy Plant (Ayurvedic)
- Rice Plant
- Agarbatti Plant (Incense Sticks Plant)
- Dairy Plant

Procurement:-

- Manufacturing Section - Tanks & Vessels for Batch Preparation, Weighing Systems for Automatic Batching System etc.
- Packing Section - Unscramblers, Filling Machine, Capping Machine, Induction Sealing, Labeling Machine, Cartoning Machine, Check Weighers & Metal Detectors, Printers & Carton Strapping Machine.
- Utilities - Boilers, Compressors, Pumps, HVAC & Cold Rooms, Chillers, Water treatment Plants, Effluents Treatment Plants, Sewage Treatment Plants.
- Material Handling Equipments such as Screw Conveyers, Belt Conveyors, Bucket Elevators, Goods Lifts, Passenger Lifts etc.

Coaching Institutes for IITJEE

Dec 2014 — Aug 2016

Lecturer

Job Responsibilities:-

- Delivering Lectures on Mathematics for IITJEE & other Engineering Entrance Examinations .

- Topics Covered Calculas, Coordinate Geometry, Trigonometry, Algebra, Statistics.

Ingersoll Rand (Bangalore)

July 2014 — Nov. 2014

Graduate Engineer Trainee

Job Responsibilities:-

- New Product Development
- Designing using a CAD software (ProE)
- Ensure proper running of machines and trouble-shooting
- Testing of various mechanical components in Labs

Projects:-

- Designed a machine setup for testing the efficiency of angle head of power tools using a CAD software (ProE) which also included preparing CAD drawings for manufacturing the parts of the machine setup and assembled the parts of the machine to ensure proper running studies.
- Innovation & Improvisation of Diaphragm pumps and Piston pumps while comparing with the global market.

NTPC Limited (Badarpur)

June 2013 — July 2013

SUMMER TRAINEE

Job Responsibilities:-

- Study of Boiler Maintenance Department (BMD)
- Turbine Maintenance Department (TMD)
- Plant Auxiliary Maintenance (PAM)

BHEL Limited (Haridwar)

June 2012 — July 2012

SUMMER TRAINEE

Job Responsibilities:-

- Exposure in the field of Heavy Fabrication (large size fabricated assemblies/ components)

Academic Projects

Modelling and Simulation of Steady state penetration of rigid perfectly plastic targets.

(Softwares used: **COMSOL Multiphysics**)

Application of project : Bullet Proof Jackets.

Education

B.Tech in Mechanical Engineering

July 2010 — June 2014

National Institute of Technology, Kurukshetra

- Graduated with a **CGPA** of **8.8562**.
- Secured an All India Rank (**AIR**) **7400** (top 1% of students who appeared in exam) in All India Engineering Entrance Exam (**AIEEE**)-2010.

- Secured an All India Rank (**AIR**) **1779** (top 1% of students who appeared in exam) in Graduate Aptitude Test in Engineering (**GATE**)- **2016**.

Higher Secondary Certificate Examination (12th)

2008 — 2009

R.Y.K Science College, Nasik (MH)

- Secured **76.5 %** in 12th Board Examinations with Grade **1-DIST**.

Secondary School Examination (10th)

2006 — 2007

Kendriya Vidyalaya ISP, Nasik road (MH)

- Secured **89.6%** in 10th Board Examinations with **second position** in school.

Interests

- **Academic Interests:** Machine Design, Thermal Science and Fluid Mechanics
- **Other Interests:** Cricket, Table-Tennis

Declaration

- I hereby declare that the above mentioned information is correct upto the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.