



Ankitkumar Singh

Executive Engineer

ankitairsons42@gmail.com

+ 91-9033636103

B-402, Sangath Pine,

Near Vrundavan Pearl,

Vista-Gandhinagar

Highway, Chandkheda

Ahmedabad, Gujarat



Education

■ **PGDM-Operation Management**
Narsee Monjee Institute of Management Studies,
Mumbai (2020-Persuing)

■ **B.E-Mechanical Engineering**
Gujarat Technological University, Ahmedabad
(2013-2017)-7.82 CGPA

■ **HSC**
Gujarat Board
(2011-2013)-59.83%

■ **SSC**
Gujarat Board
(2010-2011)-75.11%



Work Experience

■ **Company : Zydus Cadila, Ahmadabad, Gujarat**
Duration : January 2019 to Till Date
Current Role : Executive Engineer (Projects & Maintenance)

- Planning, Scheduling, and Tracking of daily Preventive Maintenance & Breakdown of HVAC, Water System & Production Equipment of Injectable Plant through SAP module.
- Preparation, Maintain and Up gradation all necessary documents for cGMP documents.
- To Prepare and modify the FDCA layout for all Vaccine Technology Center Plants.
- Projects: Typhoid Conjugate Vaccine modification project and part of COVID-19 (ZyCov-D Vaccine) project team.
- Engineering design to calculate HVAC Heat load for modification in existing facility and for new Conceptual layout.
- To Prepare and Review of layouts (Equipment layout, Man-Material Movement layout, Pressure zoning layout, System zoning layout, RCP layout & Ducting layout), HVAC room data sheet and Utility calculation.
- Co-ordination with other sections like Mechanical, Electrical, Instruments and Vendors to complete the jobs in minimum time.
- To Prepare, Review and Attend SOP's, Design Qualification, Requalification, Installation Qualification, Operation Qualification and Performance Qualification activity of process, HVAC & Utility's Equipment.



Key Responsibilities



Key Responsibilities

- To Prepare Drug Substance (DS Facility) & Drug Product (DP Facility) Conceptual layout of new injectable facility & internal injectable modification layouts of existing plants and as per changes prepare costing sheet. The Project which I have prepared or modified during my journey period with Zydus group are listed below:
 - MR Multi Vaccine Facility (DS Facility with common cell culture facility for both Measles & Rubella and DP Facility with Isolator Lyophilization Injectable line).
 - Central Cell and Seed Bank Storage Facility for Vaccine Facility (Deep Freezer & Cryo Vessel used for storage with LN2 line backup)
 - Typhoid Conjugate Vaccine Facility (Fermentation Process and Injectable Vial Filling Line)

■ **Company : M/s. Shailendra Vyas, Ahmedabad, Gujarat**
Duration : May 2017 to December 2018
Designation : Project & Design Engineer (HVAC Pharma Projects)

- To Prepare and Review Conceptual layout for various pharmaceutical manufacturing lines as per various Pharma Guidelines (WHO, cGMP & local FDA Plant).
- To Prepare construction related layouts comprising of Equipment location layout, Room dimension layout, Reflected ceiling plan etc.
- To Prepare and Review air flow diagrams, G.A. drawings and Co-ordination layout comprising of HVAC, lighting fixture RCP layout.
- To Calculate heat load, designing of ducting for air distribution using ductulator software, piping of chilled water and AHU manifold calculation as per gallons per minute using delta T (change in temperature) of chilled water.
- Technical data sheet and costing sheet as per client requirements.
- The list of projects which has been designed and executed during the tenure period.
 - Sami Pharma- General Facility (Pharmaceutical) (Karachi, Pakistan) {(Large Volume Parental (L.V.P.), Bottle Line-01, Small Volume Parental (S.V.P.) Injectable (Vial Line) & Injectable (Ampoule Line)}
 - Tailstorm Healthcare Inc. (Pharmaceutical) (Phoenix, USA)
 - Ribosome Research Centre Pvt. Ltd. - Animal Facility (Surat, India)
 - Suzen Pharma (Pharmaceutical) (Hyderabad, India)
 - API Project (Pharmaceutical) (Gujarat, India)
 - Animal Kingdom Project (Gujarat, India)
 - Farzi Cafe (Commercial) (Surat, India)



Training

Training in Indian Society for Heating Ventilation and Air Conditioning. This training was organized by ISHRAE for heat load calculation, Duct designing calculation of chilled water and variable refrigerant volume systems which gives me the basic and overall knowledge of factors and the standards used in the heat load calculation and designing of HVAC Systems.



IT Skills

- Well versed with Windows 9 / XP / 2000, 7, 8 & 10
- MS Office- Advance Excel, Word & Power Point
- Well versed with AUTOCAD- 2013, 2014, 2018 & 2020
- Online Maintenance through SAP module
- Preparation of SOP through documentum D2 software



Strengths

- Positive Thinker
- Innovative
- Decision Making Ability
- Passionate to learn new things
- Ability to cope-up with different situation



Personal Profile

Father's Name	: Shri. Awadhesh Prasad Singh
Father's Profession	: Sr. G.M of Engineering & Project at Corporate office
Mother's Name	: Smt. Savita Singh
Date of Birth	: 01 st February 1996
Gender	: Male
Marital Status	: Unmarried
Nationality	: Indian

Acknowledgement

The above information stated by me is true to my knowledge.

Date-

Place-

Ankitkumar Singh