

MUTHUKUMARAN. A
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Career Objectives:

Seeking a challenging position where expertise and skills can be utilized to contribute to the development of organization and career enhancement.

Currently Associated Company:

Solara Active Pharma Sciences Limited, Pondicherry.

Designation:

Assistant Manager- Mechanical (Facilities & Engineering)

Professional Experience:

9 Years & 6 Months

Regulatory Audit & Achievements:

- ❖ Implemented Plant Maintenance Module in SAP S4 HANA system.
- ❖ Regulatory Audits Faced: MHRA -2019, USFDA-2020, EUGMP-2024 & USFDA2026.
- ❖ Energy Study for MEE Plant Audit successfully.

Job Responsibilities:

HVAC:

- Installation & Commissioning of New Air Handling units for Cleanrooms.
- Preparation and Execution of Documents: Design Qualification, Installation Qualification, Operational Qualification & Performance Qualification.
- Preparation of SOP's and Training Matrix.
- Validating Clean Rooms in ISO-8 standard (Guideline14644-1)
- Monitoring Routine checkups for existing Air Handling units with 3rd Party AMC.
- Updating Annual Validation Planner with Compliance.
- Liable for Handling Internal, Customer and Regulatory audits and timely closure of major and critical points.

Tools Handled:

- SAP S4 HANA
- Auto CAD
- Trackwise

Zero liquid Discharge Plant:

- Day to day Maintenance in ZLD Plant of Capacity 400 KLD.
- Correction of 100mm Seal in Axial Flow pumps, causing frequent seal leaks.
- Improved MEE Vacuum drop from 670mmHg to 720mmHg, which in reducing steam consumption from 64 Tons to 61 Tons per day.

Preventive Maintenance Planner:

- Preparation of Preventive Maintenance Yearly planner.
- Executing and compiling the Preventive Maintenance in SAP
- Updating Preventive Maintenance Planner with zero compliance.

Handled Projects - Mechanical:

- Reactors – MS/SS316/GLR of Capacity 0.25Kl to 12Kl.
- Top Discharges Centrifuges – SS316/Halar lined of Capacity 24” & 48”.
- Fluid Bed drier – SS316 of capacity 1.5Kl.
- Silo – SS316 of capacity 1.5 Kl.
- Agitated thin film Evaporator – SS316L of capacity 1.7 Kl.
- Air Jet Mill – SS316 of capacity 500kg/hr.
- Blender- Ribbon, Octagonal & V-Blender
- Surface Condenser & Pre-heaters for Multi Effective Evaporator plant.

Critical Spare Maintenance:

- Maintaining Critical Spares in Inventory Management System.
- Grouping of critical spares based on MTBF study.
- Developed in-house spares for FBD Gasket with alternate vendor, as same Reliable Provided by OEM supplier.

Pipelines & Insulations:

- Managing the In-house Fabrication Team for Pipeline & Structural Fabrications.
- Thermal Insulation for all Equipments and Pipelines as per IS 14164 : 2008.
- Preparing BOQ for OPEX projects and Modifications.
- Preparing CER for CAPEX budgets for New Projects & CWIP Tracking.

Education:

Bachelor of Technology: Mechanical Engineering - 2013
Pondicherry University with 7.0 CGPA

Strength:

- Ability to deal with people diplomatically
- Positive attitude and enthusiastic in teamwork.
- Active listening and communicating to the working environment.
- Ability to handle crunch situations in any environment.

Personal Details:

Father's name	:	G. Arumugam
Mother's name	:	A. Pugazharasi
DOB	:	07.09.1991
Nationality	:	Indian
Marital status	:	Married
Languages known	:	English & Tamil

Declaration:

I hereby Declare that the information provided is true to the best of my knowledge.

Date:

(Muthukumaran. A)