

CURRICULUM VITAE

Mr. GOUSE HUSSAIN PATTAN
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CAREER OBJECTIVE:

To develop inherent sound knowledge in Mechanical, deliver excellence to achieve goals for the organization for the successful project and maintenance. I would like to enrich the knowledge and experience along with the organization, which grows with own contribution.

PROFILE

- An **Mechanical Engineer** with in-depth **5 years** of working knowledge and practical project exposure and an effective analytical ability augmenting a highly creative and expressive mind.
- Proficient in handling operations, I am a team leader and player with excellent interpersonal skills and comprehensive flaw detection and problem solving abilities.

PROJECTS HANDLED:-

Air cooled Chillers :-

No of chillers: 3 Brand: TRANE Capacity:- 120 Ton No of Compressors: 4
Type: Scroll
No of AHU: 6 Brand: Trane Capacity: 21,000 cfm Flow rate: 288 gpm

Package AC System :-

No Of units: 4 Brand: York Capacity: 90 Ton No of Compressor: 4 Type: Scroll

ON Going Project:-

Project name:- **Brahmini Food Mart** Role:- HVAC Coordinator

Activity:-

- Heat load Calculation.
- Duct size selection and installation.
- Installation and commissioning of all type of Hvac Systems.
- Maintenance and troubleshooting.
- Knowledge on VPF, CPVS, CPCS, and VRF systems.

WORKING EXPERIENCE:

Presently Employee with AMWAJ SERVICES, DOHA (Qatar), **since 10 DECEMBER 2014 to till date** in Mechanical engineering Dept. Company engage in Construction and Maintenance of Direct Expansion and Chilled water system, Comfort Air Conditioning, Industrial Air Conditioning, Ice Making, Liquefaction of Nitrogen, Cold

storage, Smoke Extraction system, HVAC for various Oil & Gas, Projects, Refineries, PETRO-Chemicals, Pharmaceuticals, High rise/Residential. Complex, Power plants, Water treatment plant and Allied Projects, towards EPC /EPICM/ PMC. Preparation of tenders, Supervision, Checking and Evaluating detailed design work carried out, Meetings and Communications with Overseas Owner, Engineering companies and Vendors.

PRESENT JOB PROFILE AND RESPONSIBILITIES

Designation: -**MECHANICAL ENGINEER (Engineering Services Dept.)**

**AMWAJ SEVICES, DOHA (Qatar).
2014 to 15th Dec 2016.**

10th Dec

RESPONSIBILITIES

Aggressive Building Maintenance Engineer with over **5years** of experience with industry-leading companies. Qualified in the areas of facilities remodel, blueprint interpretation and HVAC systems. Specialize in healthcare facilities, residential buildings and structural integrity analysis. Present I am looking all the Project activities like maintenance and inspection of HVAC System containing chillers, Condensing units, Evaporating units, AHU'S, Fresh Air Handling unit(Twin Fan), Chilled water Pumps, Fan coil units Packaged units, Split units, Thermostat, Heaters, serving air conditioning need for Sub Station, Control building, Pump room, Process interface buildings, Process management system.

Job description

- Reporting to the Maintenance Manager in day to day progress of work.
- Preparation of material submittal and shop drawing and all related issues.
- Arranging the manpower to take the break down work considering cost/time frame in mind with minimum down time.
- Also looking after any new installation/replacement within complex on Concept, Design, and preparation of specification, approval of Equipment/Material, construction and commissioning of the HVAC Works.
- Supervision, Inspection, Witness of contractor work ensuring continues running of the HVAC system without break down.
- To check valves/Inspect oil for specific coded colors identification or contamination Check crank shaft journals/misalignment of connecting rods/Check piston rings/cylinder liners/Check oil passages.
- Check P.H. value of water and make up water consumption, removing head check tubes for scaling; clean it with detergent or de scaling chemicals.
- . Cooling coils- Check for dirt/ice formation/Inspect distributor for uniform feed, Clean it with compress air (from distance)/ Detergent.
- Check for unusual vibration Check for leak at the joints, Check for wear and tear of valves/ Damage to Insulation Air Handling Unit Check drives ('V' belts).

- ACCU/CHILLERS testing of high pressure and low pressure refrigerant, Oil pressure checks
- Chilled water pumps checking for Mechanical seal, flow switch operation, Impeller balancing.
- Functioning of Solenoid valve/coil activation, Condition of filter drier, Color of refrigerant after starting the unit in sight glass indicates moisture, air present in the refrigerant system
- ACCU cut In/Out refrigerant Pressure testing, leak test (Refrigerant torch, Soap solutions), flushing with nitrogen.
- Airflow balancing, Water flow balancing.
- Heat Load Calculations.
- Pressure drop calculation in closed chilled water system (Pump Head,-BHP/AHU- Static/BHP)
- Pressure drop calculation for static pressure in equipment and ducts.
- Prepare the monthly job progress reports, technical reports; update the history files & record of the installed equipment.

PAST EXPERIENCE

Designation: - **Mechanical Engineer (Engineering Services Dept.)**

M/S TIRUMALA ENGINEERING, VSP (India)
2011 to Dec 05th 2014.

Apr 24th

RESPONSIBILITIES

- I worked on the projects related to Maintenance of HVAC system for PETRO-Chemicals Plant, Refineries at site of HPCL as a Mechanical Engineer and looking all the Project activities like maintenance of HVAC System containing chillers, Condensing units, Evaporating units, AHU'S, Fresh Air Handling unit(Twin Fan), Chilled water Pumps, Fan coil units Packaged units, Split units, Thermostat, Heaters, serving air conditioning need for Sub Station, Control building, Pump room, Process interface buildings, Process management system. Critical to maintain temperature, Humidity and pressure 24X7 Days a week.

Job description

- Arranging the manpower to take the break down work considering cost/time frame in mind with minimum down time.
- Implementation of Mechanical services drawings and architects drawing involving MEP, HVAC, and Insulation etc.
- Coordination with Subcontractor's site staff for all related activities.
- Slab openings as per builders work and HVAC drawing.
- Shop drawing submittal and approval of ducting and chilled water piping drawing.
- Submittal and approval of material and equipment as per specification.
- Monitoring site store, assuring safe storage and handling of site material.
- Coordinating with supplier for material requirement as per delivery schedule.

EDUCATIONAL QUALIFICATION:

1. B-Tech in **Mechanical engineering** from VIGNNAN'S ENGG COLLEGE with 74.56 % in April 2011.
2. INTERMEDIATE from doddapaneni indra jr college tenali(India) with 88.9%.
- 3 S.S.C. passed from SSC Board of andhra pradesh in 2005 with 82 %.

COMPUTER AWARENESS:

- AUTOCAD 2011.
- PRO-e
- Microsoft Windows based applications as Word, Excel, Power Point and etc.

Personal Profile:

Name	:	GOUSE HUSSAIN PATTAN
Father's Name	:	GALIB KHAN
Date of Birth	:	06/04/1990
Address	:	At. Post: tenali Dist: Guntur A.P (India).
Contact NO	:	+91 7893726283(India)
Email	:	gousehussain323@gmail.com
Marital Status	:	Unmarried
Sex	:	Male
Nationality	:	Indian
Language Known	:	English, Hindi, Telugu.

PASSPORT DETAILS :

Passport No	L9310246
Date of Issue	09.06.2014
Date of Expiry	08.06.2024
Place of Issue	Hyderabad.

DECLARATION:

I hereby declare that the above information is true and correct to the best of my knowledge.

Place:QATAR

Gouse Hussain Pattan