

Resume



Mr . MOHAMED HUSSAIN MOHAMED ALI

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OBJECTIVE

- Mechanical Drafting & HVAC Design engineering specification and safety systems, seeks to work as a HVAC Design engineering for a reputed company.
- Candidate with through knowledge about principles of 2D/3D drafting & design on products, and know about GD&T concept.

CAREER SUMMARY

- 4+ Year experience on designed project works of HVAC for typical floors, residential, collage buildings, hotels during HVAC design.
- Design and drawing of all type of indoor A/C, Fcu & centralized unit layout preparation
- Technical submittal preparations based on contract specification and submit to contractor & consultant for approval.
- Bill of quantities preparation for tendering.
- Heat load calculation by manual method and **HAP** as per **ASHRAE** standard.
- Duct sizing calculation by duct sizing method, constant equal friction method with particular software (**MCQUAY DUCT SIZER**).
- Air terminals selection based on CFM and Architect for interior fit out like a slot diffuser , square diffuser , grilles, round diffuser , jet nozzles.
- Selection of FCU, split A/C, Hi wall, and duct unit with reference to TR required in particulars Rooms/Halls.
- VRF & VRV unit selection with reference to HP required in particular areas.
- Shop drawings preparation.
- After done the shop drawing get approval from consultant.
- Chilled water pipe sizing and material selection as per standard.
- GPM calculation and distribution of chilled water to various FCU's and AHU's through chilled supply and return pipe.
- External static pressure calculation for selection of FCU, AHU units.
- Pump head calculation for the selection chiller pumps by complete chilled water supply and friction chart for closed piping system.
- As built drawing preparation after project completion.
- Co-ordination drawing preparation with other services like an electrical , firefighting Kitchen and Toilet extract calculation and layout preparation.

TECHNICAL SKILLS

- AUTO CAD 2D/3D
- REVIT (MEP)
- PRO-E
- CATIA (V5R20)
- H.A.P (4.61V)
- MAQUAY DUCT SIZER

PROFESSIONAL SUMMARY

- Working at M/s Al Tasnim enterprises LLC .(13.08.16- Till now)
- Working at M/s Jeevan Air cons as a design & Project Engineer.(05.11.16- 01.08.18)
- Worked at M/s. Hexagon Technologies India as a Technical Design Engineer.(10.06.13-15.06.16)

TECHNICAL EXPERTIES

- Knowledge on vapour compression and vapour absorption cycle system.
- Heat and load calculation by manually and software.
- Duct sizing and designing by manually and software as per standard.
- Chilled water pipe sizing and designing system as per standard (ASHRAE).
- External static pressure and pump head calculation by manually as per standard.
- Fresh air System and calculation by manual and calculation.
- Air terminals and control dampers selection as per standard.
- Kitchen and toilet extract system and calculation as per standard.
- Car park and stairwell pressurization system and calculation as per standard.
- Chilled Water pipe and pump selection as per standard.
- Basic knowledge know about cooling tower.
- Preparing bill of quantity.

WORK EXPERIENCE



Quality You Can Build On

Working at M/S Al Tasnim Enterprises LLC Muscat, Oman As a HVAC Draftsman. From (13.08.18) to (Till now)

JOB DESCRIPTION:

- Preparation of Shop drawing based on consultant / client.
- Preparation of air side and water side schematic as per requirements.
- Heat and load calculation by manual and software.
- Kitchen and toilet extract system and calculation as per standard.
- Air terminals selection as per client requirement.
- Duct sizing and designing by manual and software as per standard.
- Air terminals and control dampers selection as per standard.
- Fresh air System and calculation by manual and calculation.
- Car park and stairwell pressurization system and calculation as per standard.
- External static pressure and pump head calculation by manually as per standard.
- Chilled water pipe sizing and designing system as per standard (ASHRAE).
- Chilled pump selection as per standard.
- MEP Co-ordination drawing prepared as per shop drawings.
- Builders work drawing prepared as per plan drawings.

PROJECT HANDLED

PROJECT NAME	ROYAL OMAN POLICE ACADEMY PACKAGE-D (BLOCK-D)
LOCATION	ROP, NIZWA
STATUS	ON GOING
DESIGNATION	DRAFTMAN
CAPACITY	170 TR

JOB DESCRIPTION:

- Preparation of Shop drawing based on consultant / client.
- Toilet extract system cross checked by manually
- Air terminals selection as per consultant / client requirement.
- Duct sizing cross checked by manually and software as per standard.
- Air terminals and control dampers selection as per consultant / client requirement.
- Fresh air System cross checked by manually
- Chilled water pipe sizing as per consultant given standards.
- Chilled water pump selection as per consultant given standards.
- MEP Co-ordination drawing prepared as per shop drawings

PROJECT NAME	ROYAL OMAN POLICE ACADEMY PACKAGE-D(BLOCK-E)
LOCATION	ROP, NIZWA
STATUS	ON GOING
DESIGNATION	DRAFTMAN
CAPACITY	510 TR

JOB DESCRIPTION:

- Preparation of Shop drawing based on consultant / client.
- Toilet extract system cross checked by manually
- Air terminals selection as per consultant / client requirement.
- Duct sizing cross checked by manually and software as per standard.
- Air terminals and control dampers selection as per consultant / client requirement.
- Fresh air System cross checked by manually
- Chilled water pipe sizing as per consultant given standards.
- Chilled water pump selection as per consultant given standards.
- MEP Co-ordination drawing prepared as per shop drawings.

CERTIFIED COURSES

- HVAC DESIGN - Jse Engineering academy, Chennai-2016.
- AUTO CAD - Jse Engineering academy, Chennai-2016.
- REVIT MEP - Jse Engineering academy, Chennai-2016.

EDUCATIONAL CREDINTIAL

- I have completed 10th from Gugai Higher Sec School – Salem (T.N) with **70%** in 2009.
- I have completed Diploma in Mechanical Engineering from Paavai Varam Polytechnic College – with **75 %** in 2013.

PERSONAL PROFILE

Brief Profile: I am a hard working person & have the ability to working under pressure, Team work skill, Good learner, leadership, Quality, Motivation skill, Ability to provide quality based Product.

Address for Correspondence	:1065/1 Karunanidhi Nagar, Junction, Salem. Tamil nadu
Nationality	: Indian.
Date of Birth	:13 th December 1993.
Marital Status	:Single.
Language Known	:Tamil, & English.
Passport No	:M 9910707 upto valid (19/06/2015-18/06/2025)

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge & belief.

Place: Oman

Yours Sincerely

Date:

M. MOHAMED HUSSAIN