



AHMED SAEED MOHSEN ALHAJJ



OBJECTIVE

To obtain a mechanical MEP engineer position in an environment where I will get a chance to utilize my knowledge and experience to contribute the company's growth.

EDUCATIONAL BACKGROUND

B.TECH Degree in
Mechanical Engineering, 2012
from (NIT) Rourkela, India

GRADUATE DIPLOMA
IN LNG
FROM
IFP SCHOOL, FRANCE, 2013

Nationality

YEMENI

Age

33 years

Saudi Iqamah

Valid Till 10-02-2024
Mechanical Engineer

Driving License

Four-wheeler(ksa)

Languages

Arabic, English

Total Years of Experience

11 Years

MECHANICAL (MEP ENGINEER)

Work Experience:

1-MEP ENGINEER

COMPANY : Smart Solution

FROM (26-12-2022 TO PRESENT)

- Performing supervision on the hvac and electrical system on site.
- Reviewing on site activities to ensure quality is achieved.
- coordinate at site with other systems such as (electrical, hvac , ect)
- Performing calculation on:
 - 1- heat load calculation using hap software .
 - 2- Duct sizing calculation using equal friction method.
 - 3-Performing site supervision for Arafat camps for electrical and mechanical works .
 - 4-Performing electrical panels estimations
 - 5-Performing RFI
 - 6-Performing SLD for the electrical panels
 - 7-performing site inspections for installation for mep equipment

2-MEP ENGINEER

COMPANY: Fire cool Solutions

FROM (15-12-2021 TO 15-12-2022)

- Performing supervision on the firefighting system on site.
- Performing calculation on:
 - 1- heat load calculation using hap software .
 - 2- Duct sizing calculation using equal friction method.
 - 3- ahu / fcu fan esp calculation using elite duct size software.
 - 4- stair case pressurization calculation
 - 5- toilet , car parking and kitchen ventilation calculations asper ashare 62.1 6-
 - 7 -pump head calculation and chilled water piping sizing.
 - 8-performing estimation for the tender drawings .

Computer skills

AUTOCAD, REVIT MEP, HAP , ELITE ,
DUCT SIZER, MS OFFICE ,MS EXCEL ,
INVENTOR , PPT , Solid works

Saudi council of engineers

Registered in SCE

CONTACTS



PRESENTLY IN
Jeddah , KSA



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3- MEP ENGINEER

COMPANY: HAMCO contracting company

FROM (12-05-2019 TO 25-11-2021)/ Jeddah, ksa

- Prepare the Quotation for the client asper the client Boq (mechanical, electrical, and plumbing).
- Prepare the Shop drawing for electrical panels.
- Coordinate with the client to get the approval for technical offer.
- Prepare the Quotation for the client asper the client Boq (hvac – fire).
- Prepare the air flow diagram for ventilation (hvac), duct sizing.
- Site visiting for detail work and measurements. -coordinate with the purchasing department for technical specs of sprinklers, black steel pipes sch40.
- Supervising the site team for proper guidance of installation asper IFC drawing and shop drawing.
- Review all tender drawings and specs for estimation.
- Team leader for site work execution.
- Coordinate with suppliers for the RFQ.

4- HVAC and FIRE FIGHTING ESTIMATION AND DESIGN ENGINEER

COMPANY: ZCC (ZAMIL) Company

FROM (20-12-2017 TO 28-03-2019) / ksa

- Estimating HVAC system components such as:
Estimating chilled water piping, valves, insulation, duct metal sheet of GI ,and estimating different duct sizes ,insulations , and split unit , vrf, system indoor , outdoor unit , air cooled condensing unit , package units , refrigerant pipes , AHU,FCU .
- Preparation of ESP calculation for the AHU's and FCU's using elite duct size software.
- Doing estimation using Bluebeam software.
- Preparing SLD for the chilled water piping system.
- Preparation of SLD for the SA and RA ducts using Duct sizer software.
- Rising RFI to the client in case of any information is missing in the layouts
- Making comparison between the tender drawings and the 100% final design layout for the variation in components.
- .Projects Worked On (Metro station, Abha hospital, Sabic main building, Jazan hospital, NCB bank, Helton, Olaya Hospital and Residential camps.

5- FIRE FIGHTING SUPERVISOR AND HVAC DESIGN ENGINEER

COMPANY: O&S Cooling Solution Company

FROM (20-06-2015 TO 12-10-2017)

- Performing supervision on the firefighting system on site.
- Reviewing on site activities to ensure quality is achieved.
- Coordinate at site with other systems such as (electrical, hvac , ect) .
- Performing hydraulic calculation for pump size, head loss and pipe size.
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- Performing Air Conditioning Cooling Load calculations using HAP, following ASHRAE codes. Maintained the records of HVAC codes and regulations for (Commercial and Residential Buildings).
- Performing duct design calculations using equal friction and constant velocity method; (referring smacna) for duct gauge section . - Estimates manpower, materials, equipment, tools, etc.
- Preparation of the ducting and piping 2D drawings in auto cad. - Preparation final 'as built' drawings.
- Selection of all HVAC Equipment's. Such As VAV ,CAV , AHU ect ..
- Coordination with other disciplines (Arch, electrical, firefighting, mechanical) for interference checking.

6- SITE ENGINEER AND WORKSHOP

COMPANY : Bintecs For (Technical Services)

FROM (15-03-2013 TO 04-12-2014) / YEMEN

- Performing a daily report on the work performed on the site.
- Performing physical and mechanical check on the electrical panels' assembly.
- Performing modifications on the electrical panels as required by the customer.
- Checking assembled electrical panels asper the SLD .
- Good exposure on the circuit breakers such as (mccb and mcb) , ats.
- Taking a supervision on the worked performed by the team in workshop.
- Performing Equipment's installation and commissioning.
- Performing a check on the equipment installed on the site.