



(MEP/ELECTRO-MECHANICAL Division)

1. THE COMPANY

The Company represents in the group of **YSULTHAN CONTRACTING** and they are extending their services in MEP/HVAC field to meet the rising demand in the field in. The group reputed for its experience and expertise backed by considerable financial and human resources can be your right partner in.

As it is belong to the professional group of and represented by expertise to execute the HVAC works in professional way as require by the technical standards in the industry. Our core value of synergy, excellence, and commitment enable us to successfully execute numerous projects to exacting standard. The company shall fully support the development and operation of competitive open markets and shall promote the liberalization of Engineering and investment. Attain our visions through the sustainable practice of a set of core values that will imbued in each employee of the company and which will provide direction towards the attainment of the vision.

Company professionally trained Engineers and skilled technicians are capable to deliver their work skills to satisfy the clients, Contractors, and consultant's requirement. We are equally proud to have been instrumental in touching the lives of our stake holders our employees, our customers and our business associates.

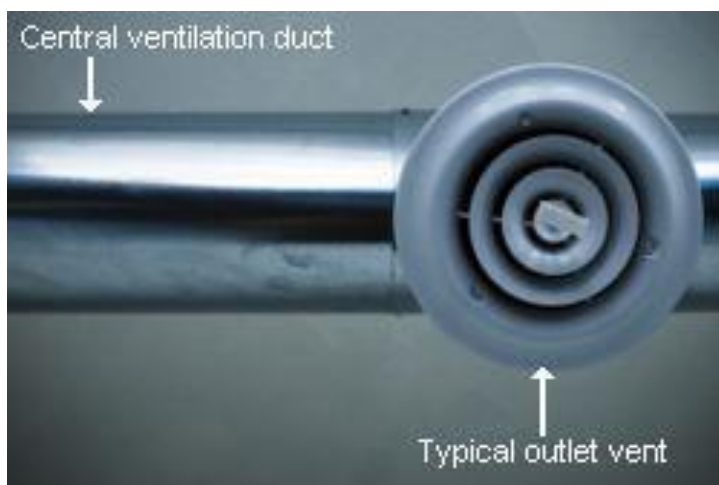
We have professionals, Engineers and skilled persons to monitor the quality and execute the works such as Chiller installation, DX system installation, Exhaust system, Air Handling units,

Fresh Air handling units, Fan coil units, closed control units, chilled water pump installation and Humidity controllers. **Chilled water** is a commodity often used to cool a building's air and equipment, especially in situations where many individual rooms must be controlled separately.

We employed skilled persons to execute the ducting works, ducting accessories Air terminal and external aluminum cladding works as per the specification and standards.



CHILLED WATER INSTALLATION



The Company employed the skilled persons to execute the work of DX refrigerant copper piping works and Chilled water piping works, valves, and accessories as demand by the HVAC piping work standards.



WATER COOLED CHILLER

We are very much committed to provide our services in supply, installation, testing, commissioning, and maintenance and achieve the quality of works and materials will be delivered on time with the best engineering practices. We have

Resources and capabilities; we provide our clients peace of mind by offering dependable services that genuinely differentiate us from the competitors.

2. FEATURES OF THE SYSTEM

As a HVAC contractor, we very much committed to support the principle of providing human thermal comfort. Thermal comfort is process that involves many inputs to give physical, physiological, and psychological comforts. Our installation and operation of the systems are for the comfort and health of the occupants.

The climates, living conditions, and cultures differ widely throughout the world the temperature the people choose for comfort under similar conditions of clothing, activity, humidity, and Air movement. Thermal comfort is more recommended for the human being for effective productivity. We very much support and believe and support the tasks and studies conducted to make a good comfortable system.

The thermal comfort process is determined by factors to improve the indoor environmental health. Proper care would be taken for the implementation of HVAC in a building to provide

good indoor environmental health. HVAC system implementation is very important and major sub discipline in Mechanical Engineering. HVAC system acceptance and implementation is become very important in medium to large industrial and office buildings such as skyscrapers and in marine environment such as Aquariums, where safe and healthy building conditions are regulated and respected with thermal comfort.

The effective strategic used for controlling of indoor environment through proper ventilation, Air cleaning and cooling that really helps to remove the hazardous which really improve the living condition in a building. Controlling of indoor and outdoor pollutants, supply of acceptable air, removal of unacceptable air; occupants' activities and preferences; and proper construction, operation and maintenance of building system.

In new modernization era of HVAC high efficiency, system control require in heating, ventilation and Air conditioning are interconnected to provide thermal comfort and acceptable indoor air quality within reasonable installation, operation and maintenance cost.

The more managing services in HVAC, power, lighting, and mechanical for better communication over for long distances with a high degree of accuracy that spurred the deployment and development of BMS, we have professionally prepared and capable to support the system that in need.

Our services are committed to good internal comfort conditions, effective monitoring, and targeting operation, improved plant reliability and life and effective use of work force.

3. QUALITY OF PRODUCT AND SERVICES

The company - shall be committed to materials and services of high quality and standards, backed by services consistent with the requirements of the customers, while striving for their total satisfaction. The quality standards of company materials and services shall meet the national and international standards of ASHARE, SMACNA, DW144, IHVE, BS as well as ANSI, ASTM. We ensure high level of excellence in quality and services on time delivery.

Our quality review process begins at the initial stage and continues until the work is completed.

Our quality control program listening to our customer's concerns, analyzing problems, and identifying causes and effective developing responses.

4. HEALTH, SAFETY AND ENVIRONMENT

The Company, HSE management system is based on the Total quality management principles emphasizing on continuous improvement and integrating HSE aspects in every business endeavor.

The company has well established HSE policy, emphasizing “The personal responsibility for the safety rests with the line management of the company and Safety is considered a prime factor of its business” – therefore HSE is everyone’s responsibility and is corporate philosophy.

The objective of the company HSE is to help the line management to prevent major incidents resulting in injuries, environmental damages, and adverse health effects to the employees and others associated with the projects, Loss of assets and business interruption.

The Senior Management provides strong, visible HSE leadership & commitment and ensures that this commitment is translated into the necessary recourses to develop, operate, and maintain the company’s HSE, HSE Plan and procedures to attain HSE policy objectives on continuous basis.

5. GREEN BUILDING CONCEPT

As a MEP/HVAC contractor we support the green building concept for prosperous and sustainable growth through cost efficient and energy saving buildings. We support the site development, water saving, energy efficiency, materials and resources selection for safer environment.

Our intention is to protect the environment and ensures that projects adhere to the best environment practices.

6. DESIGNING

Company can perform heat load calculation, designing of the chilled water system, Dx system, exhaust system, layout verifications and selection of equipment’s as the requirement by the clients and customers.

7. TESTING, COMMISSIONING AND HANDING OVER

The company committed to do the testing, commissioning and after installation services as per the HVAC commissioning standards. The instruments and equipments are used as per the building commissioning standards. And shall provide proper documents and after installation service to the clients to increase efficiency, reliability and safety.

Commissioning is a professional service where value is determined by the improvements delivered to the operation of the facility.

We committed to provide our service to minimize unwanted downtime, lose of productivity and unbudgeted expenses.

8. MAINTENANCE

Company has professionally capable to take care of maintenance activities. The periodical and preventive type of maintenances can be done as per the requirement. We can do maintenance of chiller system and dx splits, package and air handling units. And as well as other types equipment's like humidifier, De-humidifiers, exhaust system, fresh air system, ducting, chilled water piping and chilled water pumps.

Capable to perform the replacement of old equipment's to new equipment's as per the client requirement.

AIR COOLED CHILLER SYSTEM



EXHAUST FANS





AIR COOLED CHILLER



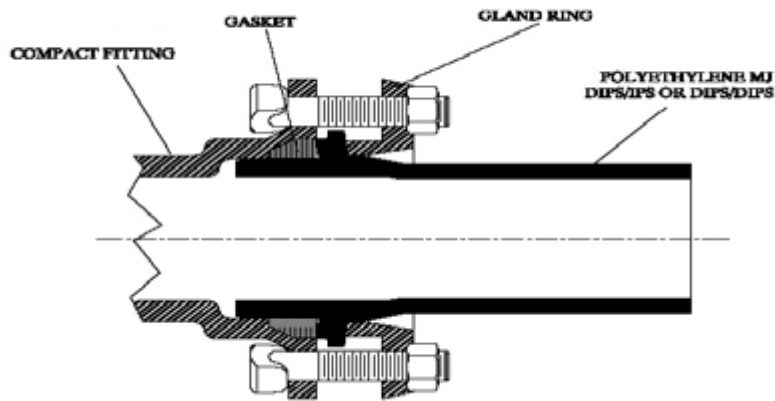
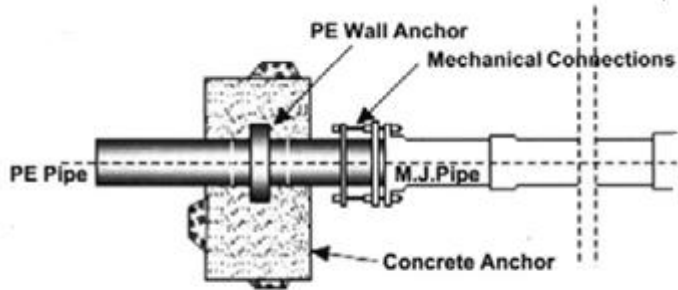


EXPANSION TANK



PLUMBING WORKS:-

Company committed to undertake the plumbing works. Water pump installation with piping works, sanitary and bathroom fittings, valves & fittings, kitchen fittings, drainage works, pumping station and infrastructural works. And construction of piping works as per ASTM, ASME, ANSI, AWWA, UL & AWS standards.



Water Supply

- Aqueducts transported water from sources
- Highest quality supplied drinking fountains
- Lower quality supplied public baths and latrines
- Lead pipes transferred water to limited users

Plumbing System

- Water supply pipes
- Fixture – A device that uses water (sink, toilet, dishwasher, etc.)
- Soil, waste, and vent pipes
- Drain and sewer
- Gas pipes
- Storm water drainage

Water Supply System

- Network of pipes that transport hot and cold potable water under pressure
- Fixture – A device that uses water (sink, toilet, dishwasher, etc.)
- Water Heater – Large insulated tanks that heat cold water to be distributed in the hot water supply lines
- Trunk Lines – Hot or cold water pipes that serve many fixtures
- Branch Lines – Hot or cold water pipes that serve only one or two fixtures
- Water Main
- Supply pipe installed and maintained by a public entity and on public property
- Water Service Pipe from the water main to the building supply pipes
- Meter Measures the amount of water transported through water service
- Valve – A fitting used to control water flow (located next to the meter)

Drain-Waste-Vent System

- Network of pipes that transport wastewater and sewer gases from the building
- Drain Pipe – A pipe that carries wastewater in a building
- Vent Pipe – A vertical pipe that provides circulation of air to and from the drainage system
- Trap – A fitting (usually U-shaped) that provides a seal to prevent the flow of sewer gases
- Stack – A vertical pipe (waste or vent) that extends through at least one story
- Cleanout – An access opening to allow cleanout of the pipe
- Sewage
- Any liquid waste containing animal or vegetable matter, including liquids containing chemicals
- Sanitary Sewer
- A sewer pipe that carries only sewage
- Storm Sewer
- A sewer pipe that carries storm water or other drainage (but not sewage)
- Building Sewer or Sewer Lateral
- Part of the drainage system from the building to the public, private, or individual sewer disposal system
- Sewer Main
- A sewer pipe installed and maintained by a public entity and on public property