

AN ISO 9001:2015  
CERTIFIED COMPANY



Creating  
spaces  
that redefine  
your sense  
of home



Kawadadhara mep consultant  
and engineering pvt ltd

BETTER DESIGN. BRICK BY BRICK



Unique homes  
and commercial  
spaces that  
reflect you.



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## **WE ARE-**

We Are Multidisciplinary Engineering Consultants, Breathing Life To Visions Of Architects With The Help Of Integrated Mechanical, Electrical, Public Health Engineering And Fire Protection(MEPF) Design For Buildings, That Are Both Resilient And Resource Efficient For The Future.

**BETTER DESIGNS, BRICK BY BRICK**

## **WHAT WE DO-**

**A-Electrical Design Services**

**B-Low Voltage & Security Surveillance System Design**

**C-PHE/Plumbing Design Services**

**D-Fire & Life Safety Design Services**

**E-HVAC Design Services**

**F-MEP Due Diligence & Audits**

**G-Corporate Training and Course Online/Offline**

**H-PROJECT MANAGEMENT CONSULTANCY**

**I-LIASONING**

**J-Supply of MEP Services Course materials and Design guides**

**K-Providing Tender Documents, Drawings Specifications**

**And BOQs for All Projects**





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## ABOUT US-

M/s KAWADADHARA MEP CONSULTANT AND ENGINEERING PVT LTD a multi-disciplinary building services engineering design consultancy firm dealing in Electrical, HVAC, Public Health & Fire Fighting, (MEPFF), Green Buildings and Lighting Design consultancy services in buildings and infrastructure segment.

**The M/s Kawadadhara Mep Consultant And Engineering Pvt Ltd Has Been Established As Mep Services Consultants 05-07- 2023, Mumbai.**

We provide professional consultancy services in the field of Electrical, HVAC Plumbing, Fire Fighting and Low Voltage Systems Design. We aim to provide energy efficient systems which are cost effective, reliable and high performing using 'state-of- the-art' technologies, innovative solutions ,sustainable practices, aligned with latest Green Building Technologies, Specifications and Codes.

## A-ELECTRICAL DESIGN SERVICES

DETAILS OF THE SERVICES WE OFFER IN ELECTRICAL SYSTEM DESIGN:



11KV/22KV/33KV/66KV Substations

Stand by Diesel/Gas Based Power Generation Systems

Power Distribution Panels and Motor Control Centres | APFC Panels

Power Distribution Scheme with Rising Main Bus Ducts and Power Cables

Lighting Design | Emergency Power Systems

Power Quality/Conditioning Design

Uninterrupted Power Systems | Computer/Data Room Facilities

System Verification/Testing/Commissioning | Green Building Design

Special Hazard Fire Protection Design

Harmonics Mitigation and Surge Suppression System

Lightening Protection System | Earthing Systems

Grid Earthing Design | Aviation Obstruction Lighting

Design of UPS/Inverter Systems

Internal Electrification, Cabling, Conduiting, Circuit and Point Wiring

Solar PV Systems | Electric Vehicle Charging Station



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# **B-LOW VOLTAGE & SECURITY SURVEILLANCE SYSTEM DESIGN**

DETAILS OF THE SERVICES WE OFFER IN LOW VOLTAGE & SECURITY SURVEILLANCE SYSTEM DESIGN: -

Fire Alarm and Detection System  
Public Addressing and Voice Evacuation System  
CCTV (closed-circuit television) | Access Control  
Boom/Flap Barriers/Turnstiles | TV  
Telephone | Data | EPABX Systems  
FTTH | IBMS | Passive IT Networking  
Audio Video Systems



# **C-PHE/PLUMBING DESIGN SERVICES**

DETAILS OF THE SERVICES WE OFFER IN PLUMBING SYSTEM DESIGN:



Details of the Services we offer in Public Health System Design  
Design and Sizing of Underground and Overhead Storage Tanks  
Gravity Based Water Supply Distribution  
Hydro-pneumatic Water Supply Distribution | Water Hammer Arresting  
Sewage Collection, Conveyance, Disposal and Re-use  
Storm Water Collection, Conveyance, Disposal and Re-use  
Surface and Sub-Surface Drainage Design | Rainwater Harvesting  
Water Treatment Plants | Sewage Treatment Plants | Effluent Treatment Plants  
Heat Pump Based Central Hot Water Generation  
Diesel/Electric/Gas Based Central Hot Water Generation  
Hybrid Solar and Conventional Hot Water Generation  
Steam Generation Systems | Solid Waste Management  
Landscape Irrigation | Gas Banks | Water Demand Calculation  
Cold and hot water distribution system | Dual Plumbing system  
Solar Hot water system | Swimming pool system | Steam Distribution System  
Condensate recovery system | Water balancing system  
Plant Room Layout system | Storm water drainage system  
Sewer water drainage system





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## D-FIRE & LIFE SAFETY DESIGN SERVICES

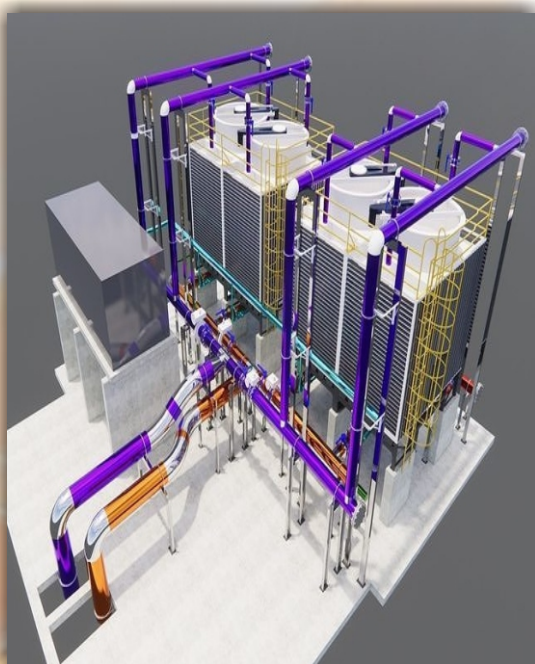
DETAILS OF THE SERVICES WE OFFER IN FIRE & LIFE SAFETY SYSTEM DESIGN :

Design & Sizing of Fire water Storage | Fire Pumping  
Wet Riser & Down-comer Hydrant Systems  
Dry Riser System | Fire Aid Hose Reels  
Automatic Sprinkler System  
Pre-action and Deluge System Design  
Portable Fire Extinguishers  
Basement Water Curtain / Fire Curtain System  
Facade Glass protection  
Inert Gas Room Flooding of Critical Areas  
Wet Chemical based Kitchen Hood Suspension  
Specialist in high rise building above 60 mtr  
CO2 Gas Suppression system for LT/HT Panel  
FM200 Gas Suppression System



## E-HVAC DESIGN SERVICES

DETAILS OF THE SERVICES WE OFFER IN HVAC SYSTEM DESIGN:



Central AC Plants with Water Cooled/Air Cooled/VAM Chillers  
Secondary Variable AC Systems | Primary Variable AC Systems  
Design of Cooling Towers | DX Split/Packaged Air-Conditioning Systems  
DX VRV Air Conditioning Systems | Radiant Cooling/Heating System  
Under Floor Air Conditioning System | Fresh Air and Energy Recovery Systems  
Demand Controlled Ventilation Using VAV's | Space Heating  
Air Cooling | Toilet and Pantry Ventilation Systems  
Kitchen Ventilation System | Basement General and Smoke Ventilation  
Fire Compartmentation | Ventilation of Utility Rooms  
Pressurization System for Stairwells, Lift wells and Lift Lobbies  
Smoke Evacuation of Egress Paths | Atrium Smoke Venting



## **F- MEP DUE DILIGENCE & AUDITS**



Mep Due Diligence / Fire & Life Safety Audits / Peer Review

Mep Design Audit And Peer Review Services

Technical Due Diligence Of Mep Works Of Executed And  
Under Execution Projects

Code Compliance | Fire And Life Safety Audits | Test Fits

Cost Optimization And Value Engineering

Due Diligence For Expansion And Retrofitting

## **G-COURSE & CORPORATE TRAINING-**

Mep Electrical Module Offering Electrical Design Details With Various Equipment Used In Electrical Construction. In Hvac Module You Will Learn To Design Hvac System And Latest Technology Development In Air Conditioning System Plumbing Module Designed To Learn Water Distribution Piping Design And Water Drainage System And Recycling Of Water. Fire System Module Includes Systematic Design Of Fire Alarm And Protection System As Per Indian & International Standard. Corporate Training , Which Has Developed In-depth Expertise In Designing Custom-based Training For Mep Industry.





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# H-PROJECT MANAGEMENT CONSULTANCY



Project management Consultancy in Construction is a new move adopted by construction clients to save money, make the project less resource-intensive and increase the value of the project structure.

I-LIASONING LIASONING ELECTRICAL  
LIASONING PLUMBING  
LIASONING FIRE AND LIFT

## J-supply Of Mep Services Course Materials And Design Guides Like,

- 1-HVAC system design
- 2-Plumbing and Firefighting design
- 3-Electrical and ELV system Design

## K-Providing Tender Documents, Drawings Specifications and BOQs for All Projects

- |                 |                                     |
|-----------------|-------------------------------------|
| 1-Residential   | 6-Industrials                       |
| 2-Hospitality   | 7-Labs and warehouses               |
| 3-Comercials    | 8-Schools                           |
| 4-Institutional | 9-Hotesls                           |
| 5-Malls         | 10-Food court and Shopping centres. |

## OUR VALUED CLIENTS





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**KAWADADHARA MEP CONSULTANT AND ENGINEERING PRIVATE LIMITED**  
B e t t e r D e s i g n B r i c k B y B r i c k

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## Website

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