

Design Engineering & Project Management Consultant for Fire Protection System



FP Dessin Engineering & Consultancy Services LLP

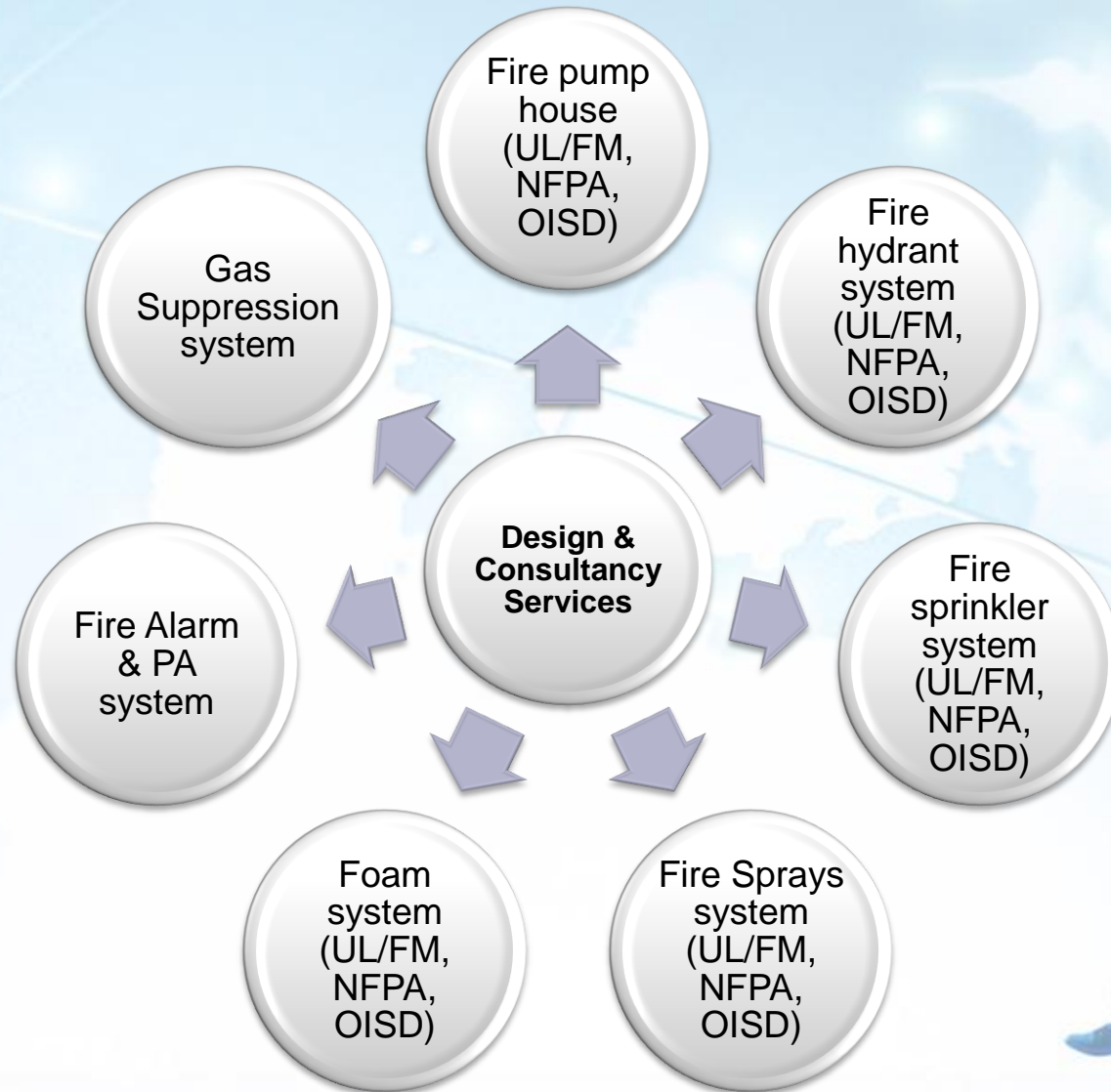


About Us

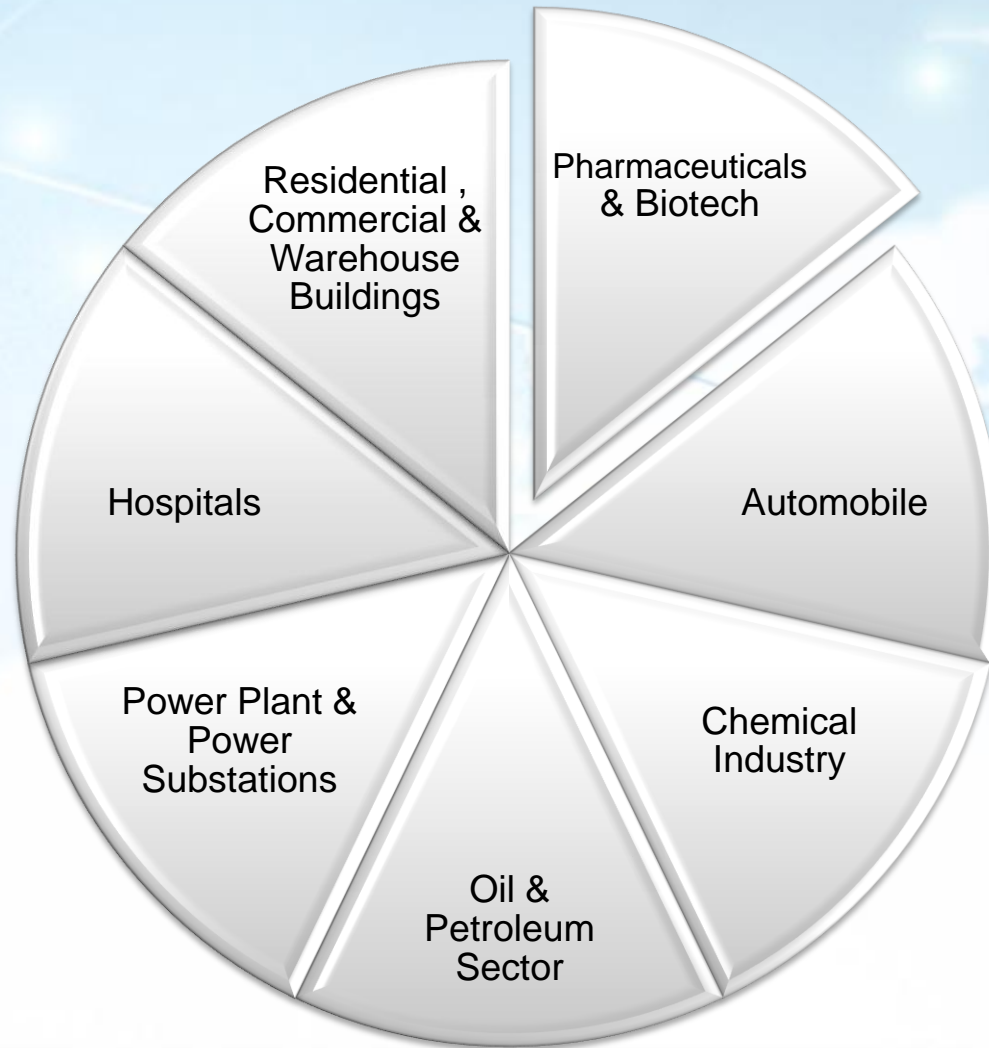
- We are provider of design engineering & project management consultancy services for fire protection systems.
- We have experience of working on various design norms & our team has work experience of various projects executed as per norms like TAC, NBC, IS, NFPA, FM, OISD, UAE Codes etc.
- We have provided our design & consultancy services to many Indian & Multinational companies in residential building sector, commercial building sector, hospitals, automobile sector, automobile spare parts manufacturing & storage facilities, warehouses, lubricant oil facilities, fertilizers, chemical & oil manufacturing facilities, food industry, pharma industry, biotech facilities, power substations, power plant, rubber industry etc.
- Our team has experienced as well as young professionals who are very passionate & dedicated to provide best design solutions which ultimately helps to save Lives & Properties.



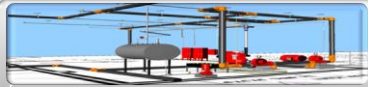
Industry Experience



Sectors we have served



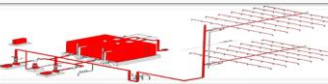
Systems we design



Fire Pump house



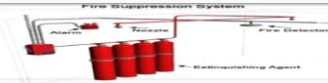
Fire Hydrant system



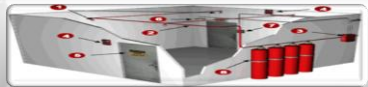
Fire Sprinkler system



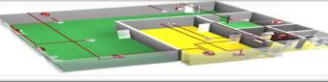
Fire sprays system (MVWS & HVWS)



Foam system



Gas Supression system & Fire extinguisher system



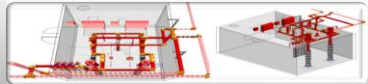
Fire alarm system



Public Address (PA) system

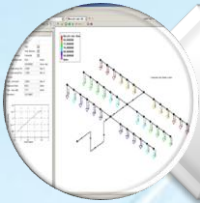


CCTV & Access control system



Fire protection system design on the basis of provisional NOC

Services We Offer



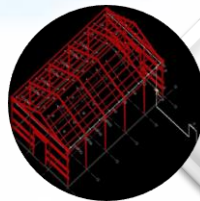
Hydraulic calculations by using Pipe net 1.21/ Pipe net 1.6



Preparations of design adequacy report/design feasibility report



Preparation of tender documents along with all required technical specifications



Preparation of shop drawings, isometric drawings, installation drawings & as built drawings as per requirement of client

Services We Offer



Seismic bracing calculations & Orifice plate calculations



Coordination drawing with other services likes HVAC, Electrical, and Structural



Fire audits & Energy audits by certified Auditors



Povision of training sessions on design aspects of various Fire Protection Systems



Fire Protection system installation as well as AMC work with the help of various reputed working associates

Why Us

- ✓ You will get a well experienced team which will work in the direction of the goal of your company.
- ✓ We believe in value engineering which will help you to spend less money on fire protection system.
- ✓ You will get an efficient & effective service from us.
- ✓ You can ask your queries & can get solution from us at any time.
- ✓ You will get guidance as per all updated fire protection design norms.
- ✓ You will get all services related to fire protection system under one roof.



Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
1	Reliance Infrastructure (220 KV GIS substation at Ghodbandar, Mumbai)	Reliance Infrastructure	Worked as design consultant which includes- 1. Designing of fire protection system for transformers, admin & control room building. 2. Preparation of tender drawings. 3. Preparation of BOQ as per value engineering. 4. Preparation of tender documents.
2	Reliance Infrastructure (220 KV GIS substation at Versova, Mumbai)	Reliance Infrastructure	Worked as design consultant which includes- 1. Designing of fire protection system for transformers, admin & control room building. 2. Preparation of tender drawings. 3. Preparation of BOQ as per value engineering. 4. Preparation of tender documents.
3	Mazas market, Andheri, Mumbai (Commercial Building)	Jainex Fire	Design consultant for Fire Protection
4	Commercial complex, Boriwali (Mumbai)	Jainex Fire	Design consultant for Fire Protection
5	Kukreja residential complex, Santacruz, Mumbai (Residential Building)	Jainex Fire	Design consultant for Fire Protection
6	Hotel Surya (3 Star Hotel) at Thane (Commercial Building)	Jainex Fire	Design consultant for Fire Protection

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
7	Residential complex at Andheri & Bandra	Jainex Fire	Design consultant for Fire Protection
8	Kashyap Sweetners Ltd. (Bhadnawar) (Food Industry)	Reliance Fire	Design consultant for Fire Protection
9	KSPG, Ahmednagar (Automotive Industry)	Electromech	Worked as design consultant which includes- <ol style="list-style-type: none"> 1. Designing of fire protection system 2. Preparation of tender drawings. 3. Preparation of BOQ as per value engineering. 4. Preparation of tender documents.
10	Decathlon India Pvt. Ltd., Pune (Commercial Building)	Electromech	Worked as design consultant which includes- <ol style="list-style-type: none"> 1. Designing of fire protection system 2. Preparation of tender drawings. 3. Preparation of BOQ as per value engineering. 4. Preparation of tender documents.
11 .	Pargaon Factory, Khandala (Industrial Building)	Aditya Infrsafety Solutions (Pune)	Design feasibility checking by doing Hydraulic calculations & consulting for most appropriate design which will be cost efficient & feasible for project installation
12	Chemical plant in Gujarat (Tank Area)	Ruchi Enterprises, Mumbai	Design feasibility checking by doing Hydraulic calculations & consulting for most appropriate design which will be cost efficient & feasible for project installation

Work Experience (Projects)



Sr. No	Project Name	Worked with	Work Details
13	Expansion of chemical plant in Gujarat (Tank Area)	Ruchi Enterprises (Mumbai)	Design feasibility checking by doing Hydraulic calculations & consulting for most appropriate design which will be cost efficient & feasible for project installation
14	Preparation of pre bid documents for Chemical plant	Aditya Infrasafety Solutions (Pune)	Preparation of pre bid drawings & other technical specifications to provide support to estimation team of client
15	Chemical Plant at Pune	Aditya Infrasafety Solutions (Pune)	Design consultant for Fire Protection
16	Residential Building project at Bhandup	Oriental Fire Tech Systems (Mumbai)	Design consultant for Fire Protection
17	HCG NCHRI Hospital at Nagpur	Advantage Sai Projects Pvt. Ltd. (Aurangabad)	Worked as design & project management consultant which includes: 1. Design consultancy. 2. Assistance for coordination of design work. 3. DCI preparation & monitoring. 4. Assistance for preparation of technical documents. 5. Providing other design related services. 6. Assistance for Project management services.
18	FAURECIA, MANN (Hinjewadi)	IC-L Construction Consulting Pvt. Ltd. (Pune)	Checking of design feasibility by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from AXA Matrix
19	Praj Industries	Fire Contractor (Pune)	Checking of design feasibility by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from client

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
20	Ceat Tyres (Mumbai)	ABT Security Systems Pvt. Ltd. (Mumbai)	Checking of design feasibility of hydrant system, sprinkler system, spray system by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant
21	Shimizu Corporation	Fire protection expert from Mumbai	Checking of design feasibility of hydrant & Sprinkler systems by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant
22	Warehouse Facility at Urse(Pune)	Sahadev Infratech Pvt. Ltd. (Pune)	<p>Worked as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire protection system as per requirement of standard norms. 2. Preparation of drawings for all required systems along with all required detailing. 3. Checking design feasibility of all systems with the help of hydraulic calculations & submitting design adequacy report for same to client. 4. Preparation of BOQ as per value engineering. 5. Preparation of all technical specifications & providing recommended make list for further reference of client. 6. Helping client to select technically sound sub contractor for fire protection installation work. 7. Solving all technical queries of client related to fire protection system & providing them most effective & efficient solutions for same.
23	Escientia Advanced Sciences Pvt. Ltd (Vizag)	ABT Security Systems Pvt. Ltd. (Mumbai)	Checking of design feasibility of hydrant & Sprinkler systems by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
24	Power Plant Project in Madhya Pradesh	Fire protection expert from Mumbai	Worked as design consultant for fire protection system which includes- 1. Preparation of plot plan of existing power plant. 2. Actual measurement at site & incorporating same on revised plot plan. 3. Designing of fire hydrant system. 4. Designing of other required fire protection system.
25	Deepak Fertilizers & Petro Chemicals	Fire protection expert from Mumbai	Checking of design feasibility of hydrant system by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant
26	Rallis India (Akola)	Adroit Fire (Mumbai)	Preparation of as built drawing as per actual site installation.
27	Residential Building Project at Pune	Fire protection expert from Pune	Working as a design consultant for Fire Protection System
28	Arnita SEZ Consultants Pvt. Ltd.	Arnita SEZ Consultants Pvt. Ltd. Mumbai	Providing 2 days of Training Session on Designing of Fire Protection System as per various norms.
29	Manufacturing Sheds at Pune	Fire protection expert from Pune	Working as a design consultant for Fire Protection System
30	Chemical plant at Pune MIDC	Fire protection expert from Pune	Working as a design consultant for Fire Protection System
31	Sanjeevani School at Dahisar	Adroit Fire (Mumbai)	Value engineering to reduce overall project cost & working as a design consultant for Fire Protection System
32	GSK	Fire protection expert from Nasik	Spray system design for tank farm area

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
33	Alkylamines	Fire protection expert from Mumbai	Checking of design feasibility of hydrant system by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant
34	Petronas (Patalganga)	Excel Consultants (Mumbai)	Designing of in rack sprinkler system & providing assistance to check other fire protection systems
35	Pharma Facility (Hubli)	SSAP Associates (Mumbai)	Working as a design consultant for Fire Protection System
36	Bank of America Continuum India (Malad)	Phoenix Fire (Mumbai)	Working as a Project Management Consultant for Fire Alarm System, Public Address System, Gas Suppression System & Water Leak Detection System
37	Primetal Technologies (Turbhe)	Phoenix Fire (Mumbai)	Worked as a Project Management Consultant for Fire Alarm System
38	BOM-04 (Mumbai)	Fire protection expert from Mumbai	Checking of design feasibility of sprinkler system by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant
39	2000 KVA Transformers (Mumbai)	Fire protection expert from Mumbai	Designing of fire protection system for transformers & submitting drawings along with detailed bill of material
40	Fuchs Lubricant India Pvt. Ltd. (Ambernath)	Excel Consultants (Mumbai)	<p>Working as design consultant for fire protection system for plant expansion area which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire protection system as per requirement of standard norms & as per safety norms of Insurance Firm (XL GAPS). 2. Preparation of drawings for all required systems along with all required detailing. 3. Checking design feasibility of all systems with the help of hydraulic calculations & submitting design adequacy report for same to client. 4. Preparation of BOQ as per value engineering. 5. Preparation of all technical specifications & providing recommended make list for further reference of client. 6. Preparation of tender document for fire protection system.

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
41	Bharat Forge	Aditya Infrafety Solutions (Pune)	Checking of design feasibility of foam sprinkler system for ammonia & methanol areas by using hydraulic calculation & submitting design adequacy report of same to client to take further approval on same from consultant
42	Amcor Flexibles India Pvt. Ltd.	Fire protection expert from Mumbai	Working as design consultant for fire protection system which includes- 1. Designing of fire protection system as per requirement of standard norms. 2. Preparation of drawings for all required systems along with all required detailing. 3. Checking design feasibility of all systems with the help of hydraulic calculations & submitting design adequacy report for same to client. 4. Preparation of BOQ as per value engineering. 5. Preparation of all technical specifications & providing recommended make list for further reference of client.
43	Volkswagen India Pvt. Ltd. (Warehouse in Pune)	SCS, Pune	1. Designing of fire protection system & preparation of design basis report as per requirement of standard norms & as per safety norms of Insurance Firm (XL GAPS).
44	Factory in Vashi Area	Fire protection expert from Mumbai	Worked as design consultant for fire protection system which includes- 1. Designing of fire protection system as per required standards/norms. 2. Checking design feasibility 3. Preparation of BOQ
45	Cipla, Satara	Fire protection expert from Pune	Checking of design feasibility of existing hydrant & sprinkler system by using hydraulic calculation & submitting design adequacy report of same to client along with suggestion of all necessary changes required to make existing fire protection system more feasible from technical & compliance point of view.
46	Krishna Antioxidants	Fire protection expert from Pune	Checking of design feasibility of existing hydrant & spray system by using hydraulic calculation & submitting design adequacy report of same to client

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
47	Factory at Nagpur	Advantage Sai Projects Pvt. Ltd. (Aurangabad)	Providing design consultancy services for fire protection system as per required norms.
48	ITW (Automobile sector)	Fire protection expert from Pune	Working as design consultant for fire protection system for production facility which includes- 1. Designing of fire protection system & preparation of design basis report as per safety norms of FM Global . 2. Preparation of drawings for hydrant system, sprinkler system, fire alarm system, public address system, gas suppression system as per FM Global norms along with BOQ. 3. Providing procurement assistance during proceeding of the project considering FM standards. 4. Providing technical support during execution of project. 5. Providing technical assistance during FM audit to make sure successful completion of FM audit certification.
49	Ware House Project Near Pune	Advantage Sai Projects Pvt. Ltd. (Aurangabad)	Working as design consultant for fire protection system for warehouse facility which includes- 1. Designing of fire protection system & preparation of design basis report as per safety norms of FM Global . 2. Preparation of drawings for hydrant system, sprinkler system, fire alarm system, public address system as per FM Global norms along with BOQ. 3. Providing procurement assistance during proceeding of the project considering FM standards . 4. Providing technical support during execution of project. 5. Providing technical assistance during FM audit to make sure successful completion of FM audit certification.

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
51	Commercial Building Project, Navi Mumbai	Fire protection expert from Mumbai	<p>Worked as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire protection system as per required standards/norms. 2. Checking design feasibility 3. Preparation of BOQ
52	Oil & Chemical industry near Panvel	MEP Consultant from Mumbai	<p>Working as a design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Preparation of design basis report as per OISD & NFPA standards. 2. Preparation of basic design & drawings of hydrant system for a plant spread over area of approx 45 acres. 3. Preparation of basic design & drawings of MVWS system for EO & PO bullets & tanker filling area. 4. Preparation of basic design & drawing of automatic sprinkler system for raw material & finished good warehouse. 5. Providing all technical support related to fire protection system to ensure all mandatory requirements of OISD.
53	Saf Yeast Company, Chiplun	Varad Fire, Pune	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire protection system as per requirement of standard norms. 2. Preparation of hydrant system drawing. 3. Checking design feasibility 4. Preparation of BOQ as per value engineering. 5. Preparation of all technical specifications & providing recommended make list for further reference of client. 6. Solving all technical queries of client related to fire protection system

Work Experience (Projects)



Sr. No	Project Name	Worked with	Work Details
54	Cadila Healthcare, Goa	Varad Fire, Pune	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire protection system as per requirement of standard norms. 2. Preparation of hydrant system drawing. 3. Checking design feasibility 4. Preparation of BOQ as per value engineering. 5. Preparation of all technical specifications & providing recommended make list for further reference of client. 6. Solving all technical queries of client related to fire protection system
55	Bharat Forge, Baramati	Fire Protection Expert from Baramati	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire protection system as per requirement of standard norms. 2. Preparation of hydrant system drawing. 3. Preparation of sprinkler system drawing. 4. Checking design feasibility 5. Preparation of BOQ as per value engineering. 6. Preparation of all technical specifications & providing recommended make list for further reference of client. 7. Solving all technical queries of client related to fire protection system
56	Privilege Industries Ltd. (2,50,000 HLPB Brewery), Lonand	Fire Protection Expert from Baramati	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire hydrant system as per required standards 2. Preparation of hydrant layout 3. Checking design feasibility 4. Solving all technical queries of client related to fire protection system

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
57	Jubilant Life Sciences, Baramati	Fire Protection Expert from Baramati	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of foam system for one number of alcohol tank (22 mtr dia., 13mtr height having storage capacity of 5000KL) as per required standard 2. Preparation of foam pouring system (foam bladder tank) layout 3. Checking design feasibility 4. Preparation of BOQ with technical specifications & recommended make list. 5. Solving all technical queries of client related to fire protection system
58	Venkateshwara Power Project Ltd., Karnataka (96.25 KLPD TS Molasses based Distillery)	Fire Protection Expert from Baramati	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire hydrant system as per required standard. 2. Designing of foam system for four number of alcohol storage tanks (one number of tank with 13 mtr dia., 11.25 mtr height having storage capacity of 15000KL and other three number of tanks with 5 mtr dia., 5.625 mtr height having storage capacity of 110KL each) & three number of Molasses storage tanks (31 mtr dia.) as per required standard 3. Preparation of fire hydrant layout 4. Preparation of foam pouring system (foam bladder tank) layouts 5. Checking design feasibility 6. Preparation of BOQ for hydrant system with technical specifications & recommended make list 7. Preparation of BOQ for foam pouring system with technical specifications & recommended make list 8. Solving all technical queries of client related to fire protection system
59	Hanning Elektro Werke	Fire protection expert from Nasik	<p>Project Includes-</p> <ol style="list-style-type: none"> 1. Checking of design feasibility of Hydrant system by hydraulic calculation using PIPENET Software & submitting design adequacy report of same to client

Work Experience (Projects)



Sr. No.	Project Name	Worked with	Work Details
60	Mahindra Plant	Consultant from Pune	<p>Project Includes-</p> <ol style="list-style-type: none"> 1. Checking of design feasibility of Hydrant system by hydraulic calculation using PIPENET Software & submitting design adequacy report of same to client 2. Checking of design feasibility of Sprinkler system by hydraulic calculation using PIPENET Software & submitting design adequacy report of same to client
61	Siemens Ltd.	YMS Consulting Engineers, Mumbai	<p>Working as design consultant for fire protection system which includes-</p> <ol style="list-style-type: none"> 1. Designing of fire alarm system for canteen & admin building as per required standard. 2. Designing of fire extinguishers for canteen & admin buildings as per required standard 3. Preparation of fire alarm layout for canteen & admin buildings. 4. Preparation of fire extinguisher layouts for canteen & admin buildings 5. Preparation of design basis report (DBR) 6. Preparation of BOQ for fire alarm system & fire extinguishers 7. Solving all technical queries of client
62	Laxmi Organic Industries, Mahad	Fire Protection Expert from Mumbai	<p>Project Includes-</p> <ol style="list-style-type: none"> 1. Providing technical consultancy services related to fire protection system 2. Visit to site to suggest feasible technical solutions to site team during execution of hydrant line expansion at new unit

Contact Us



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