

M.J. Engineering Works®



COMPANY PROFILE



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M.J. Engineering Works®



M.J. Engineering Works

পাশে আছি সবসময়
www.mjengineeringbd.com

M.J. Engineering Works®
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২৫ বছর পেরিয়ে

25

MJ Engineering Works

আমাদের এই গর্বিত পথচলায়
আপনাদের স্বাগতম

MJ
Design Your Power Station
পাশে থাকার জন্য ধন্যবাদ
mjengineeringbd.com

MJ
Design Your Power Station
বুয়েট সার্টিফাইড কোম্পানি



design your power
station immediately,
our service is of

quality

M.J. Engineering Works

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Welcome

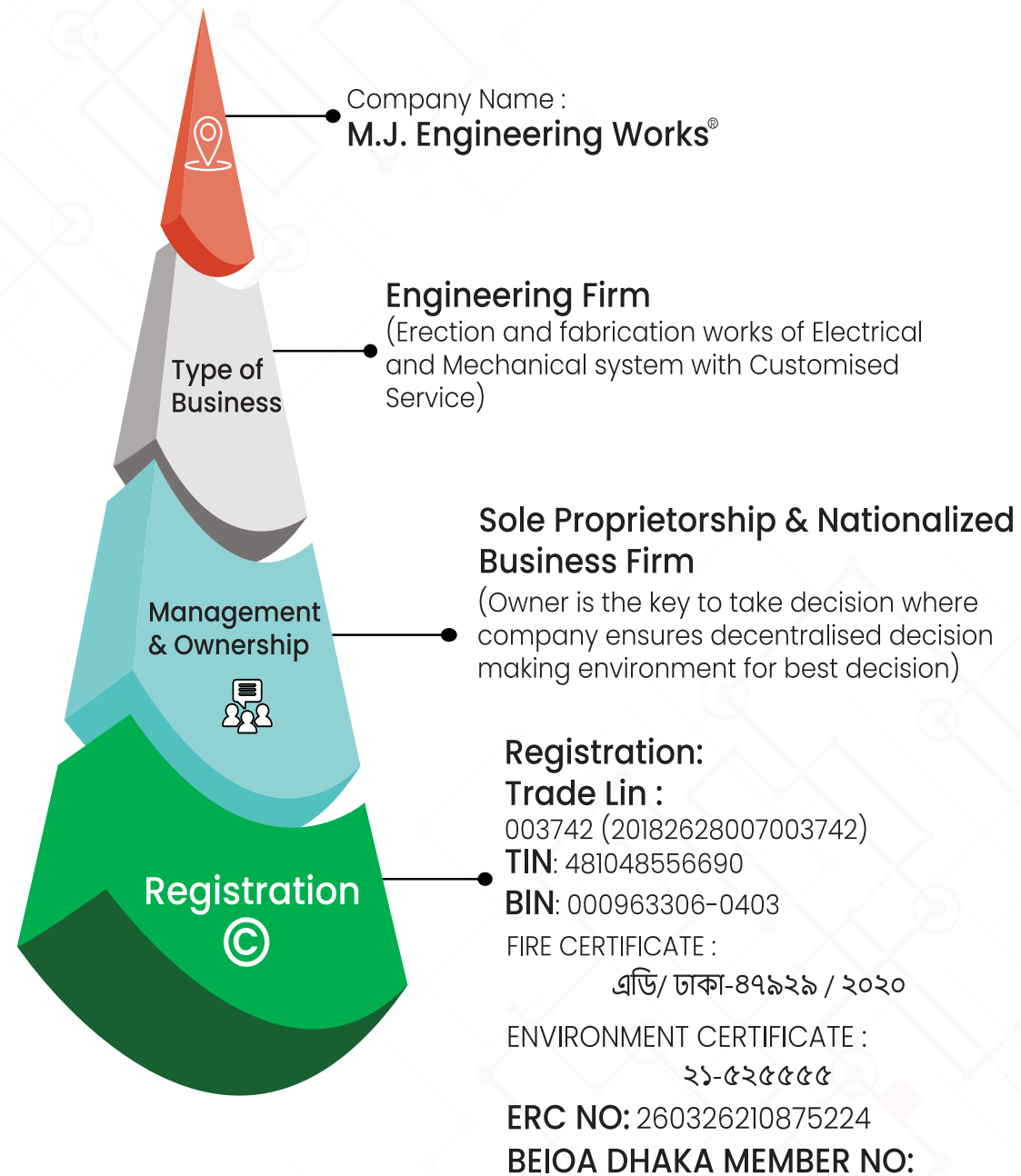
To the home of **Trust**

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Who We Are?

COMPANY OVERVIEW



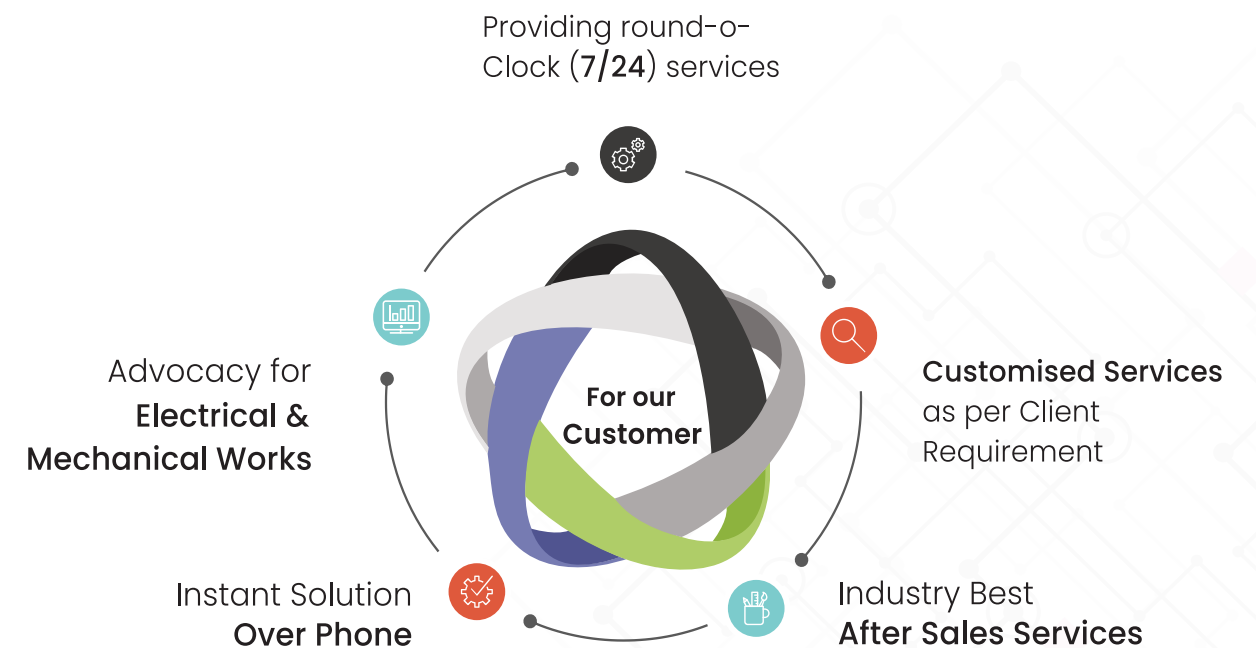
Value Proposition

Always we create value for customers value Proposition is at the heart our Business Policy. We belief customers are the king of our business.

“For” Our aim is to make continuous and smooth power supply connection within the company's operation where we work for the heart (generator sector) of any company. I.e. we target those industries that have already a power station or want to own a Gas or Diesel Generator for lighting and powering their companies

“Why” We work for erection and fabrication works of Boiler, Generator, Air Conditioning, Motor Rewinding, Electrical Contractor etc. When we are ready to serve the customer with our experience, latest Technology and Modern Tools and Equipment. Our Human Recourses are savvy, skilled, experienced. They are the best technical person round the Bangladesh.

We are the specialist in Erection & Fabrication of Generator, Boiler, Chiller, Air conditioning, Motor Rewinding, Electrical & Material Contractor, Electrical & Material Good Servicing, ATS, Utility Panel Board, LT Panel, P.F.I Panel, Earthing Boring, Loading and Unloading, Manual Change Over, water tank, Fuel tank, M.S. tank, S.S. tank, ETC, General Order Supplier, Ducting, Lighting arrestor, Canopy and Ear Thing Boring. We provide every service that a company needs to operate its Generator. We do installation, fabrication, jacketing, pipe line and so many works for both Diesel and Gas Generator. We also work with Tank Basis working System.



What We Deliver to Our Clints/Cutomers

VISION & MISSION

To be a **trusted partner** in the power sector, delivering reliable and sustainable energy solutions

VISION & MISSION

VISION

To be a **trusted partner** in the power sector, delivering reliable and sustainable energy solutions

MISSION

To support the growth of the power and energy sector by providing **high-quality services**

□ Goal:

Achieve sustainable growth and strong market presence
Deliver consistent quality and timely project completion
Build long-term client relationships

□ Core Values:

Integrity and honesty
Quality and excellence
Innovation and continuous improvement
Safety and responsibility
Customer satisfaction

□ Key Success Factor:

Skilled and experienced workforce
Commitment to quality and precision
On-time delivery and reliability
Customer-focused approach

M.J. Engineering Works

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Targeted Customer

Factories
in EPZ

Factories
in Industrial
Area

Factories in
Other
Divisional
Area

Factory in
any Spe-
cial Area

- ❖ Garments industries
 - ❖ Pharmaceuticals
 - ❖ Production House
 - ❖ MNCs
 - ❖ Factories
 - ❖ Hospitals
 - ❖ National Power Grid
-
- ❖ NGOs
 - ❖ Government Sector
 - ❖ Tobacco Industries
 - ❖ Banks & Financial Institutions
 - ❖ Any others Factories having Power System



Yearly Customer Growth for last 4 year

**SUCCESS IS
THE TARGET**



Product & Services

1

Erection and Fabrication works for :

- ◆ Power Plant
- ◆ Boiler
- ◆ EGB
- ◆ Generator

Core Business

Electrical Materials

Mechanical Materials

Core Business

- ◆ HT Panel
- ◆ LT Panel
- ◆ Utility Panel
- ◆ ATS, PFI, etc

Supplier of All kinds of Electrical Materials :

3

Company Slogan:

"Design Your Power Station Immediately,
Our Service is of Quality"

2

Supplier of All kinds of Mechanical Materials :

- ◆ Generator Residential Exhaust Muffler
- ◆ Cooling Tower Infill
- ◆ Tank All
- ◆ All Cable Tray
- ◆ Pipe, Elbow, Flange
- ◆ Tee, Reducer, Valve
- ◆ Flexible Joint, Meter, etc

- ◆ Air Conditioning
- ◆ Motor Rewinding
- ◆ Mechanical & Electrical Contractor

Erection and Fabrication works for :

4

THE PRODUCTS WE OFFER

Importer, manufacturer and Supplier of erection & febrication related product and material



design your power
station immediately,
our service is of

quality

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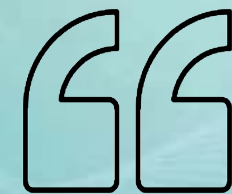


MD & CEO'S MESSAGE



Welcome to the home of
Trust, Integrity & Quality

Engr. Mostafizur Rahman Medul



It is a matter of great pride to lead MJ Engineering Works, a company built on professionalism, technical excellence, and a strong sense of responsibility toward our clients and the nation's industrial growth.

From the very beginning, our vision has been clear — to establish MJ Engineering Works as a trusted name in the power and engineering sector, delivering solutions that are reliable, efficient, and sustainable. Our success is driven by a dedicated team of engineers, technicians, and professionals whose experience, integrity, and commitment define the quality of our service.

Our organization is approved by BUET, a testament to our adherence to the highest engineering standards and technical competence. We specialize in Generator, Boiler, Chiller, Air Conditioning, Motor Rewinding, Electrical Contracting, and Fabrication Works, offering complete end-to-end solutions for Gas, LPG and Diesel Generator systems and industrial installations.

We combine modern technology, advanced equipment, and skilled manpower to ensure every project is completed with precision, safety, and professionalism. Our approach is customer-focused — we listen, plan, and deliver with excellence to create long-term partnerships built on trust and performance.

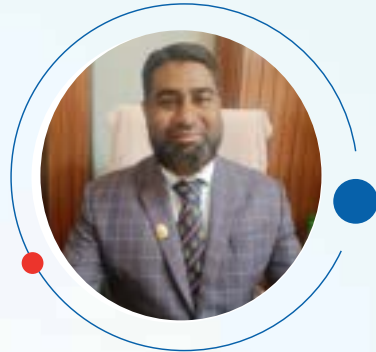
Looking ahead, MJ Engineering Works will continue to strengthen its capabilities, embrace innovation, and uphold the values of quality, reliability, and continuous improvement. We remain committed to contributing to the country's industrial advancement and to being a dependable partner in powering progress.

Engr. Md. Mostafizur Rahman Medul
MD & CEO, MJ Engineering Works

Management Committee



Md. Abdul Jabbar Azizi
CHAIRMAN



Engr. MD. Mostafizur Rahman
MD & CEO



Mrs. Aileen Rahman
DIRECTOR



Md. Ali Al Ayat Afridi
DIRECTOR



Md. Afiq Rahman
DIRECTOR



Md. Afsan Rahman
DIRECTOR



Md. Abdulla Al Mamun
CHIEF BUSINESS OFFICER



Md. Al-Amin
CHIEF FINANCIAL OFFICER



Certificate of Achievement

**Matter of Pride, Trust,
Integrity & Quality**

@ M.J. Engineering Works- it happens here

M.J. Engineering Works®
পাশে আছি সবসময়



BEPZA License



BIN Number



BTS License



Trade License



ABC License



BEIOA License



ERC License



BUET Approved



**Matter of Pride, Trust,
Integrity & Quality**

**Matter of Pride, Trust,
Integrity & Quality**



Environment Certificate



Tin Certificate



Fire License



Completion Certificate

**Matter of Pride, Trust,
Integrity & Quality**



Connecting with our
VALUED CUSTOMER
through **INNOVATION**

**LIST OF VALUED
CUSTOMERS...**

Our Valued Clients (Pharmaceuticals Sector)

Our Valued Clients (Garments Sector)

Our Valued Clients (Power Plant Sector)

Our Valued Clients (Hospital & Health Sector)

Our Valued Clients (Education Sector)

				
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Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
1	Acron Power Plant (Jhult)	Power Plant. 11 KV (Mechanical & Electrical system)	100 MW	Furnace Oil (HFO)
2	Abdullah Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2.5 MW	GAS
3	Aventis Pharmaceuticals Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
4	Akij Cement Industries Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
5	A.C.I Pour Flower Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1.66 MW	GAS
6	Arkey Cotton Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
7	A.C.I Food Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
8	A.C.I Goddess Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
9	A.C.I Pure Flour Limited	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
10	A.C.S Textile (BD) Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
11	Abdul Bari Cotton Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
12	Abdullah Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
13	Asian Textile Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
14	Auto Spinning Mills Ltd.	Generator, EGB, Substation. 0.44 KV (Mechanical & Electrical system)	4 MW	GAS
15	A.C.I Food LTD (Sirajgonj)	Generator. 0.44 KV (Mechanical & Electrical system)	630 KVA	Diesel
16	Auto Crop Care Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	630 KVA	Diesel
17	A.K.H Packing & Accessories Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	550 KVA	Diesel
18	A.B.C Knitting & Dyeing Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	550 KVA	Diesel
19	A & W Restaurant, Gulshan-2	Generator. 0.44 KV (Mechanical & Electrical system)	550 KVA	Diesel
20	Evercare Hospital.	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
21	A J Height, Badda, Gulshan.	Generator. 0.44 KV (Mechanical & Electrical system)	635 KVA	Diesel
22	Appendix pharmaceuticals, Segunbagicha .	Generator. 0.44 KV (Mechanical & Electrical system)	30 KVA	Diesel
23	Azad Mosque, Gulshan-2	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	500 KVA	Diesel
24	AEGIS COTTON MILLS.	Generator Container Canopy: (Mechanical & Electrical system)	01 Generator.	Diesel
25	ANWAR GROUP OF INDUSTRIES.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
26	Anwar Ispat Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	Diesel
27	Alin Food Products Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
28	ARBAB POLY PACK LIMITED.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	GAS
29	The ACME Laboratories Ltd.	Generator. 11 KV (Mechanical & Electrical system)	2.5 MW	Diesel
30	Bangla Trac Limited.	Generator. 11 & 0.44 KV (Mechanical & Electrical system)	24 MW	Diesel+GAS
31	Beximco Pharmaceuticals Ltd.	Generator. 11 KV (Mechanical & Electrical system)	12 MW	GAS
32	Beximco Pharmaceuticals Ltd.	Generator. 11 KV (Mechanical & Electrical system)	2.5 MW	Diesel
33	Beximco Pharmaceuticals Ltd.	EGB. (Mechanical & Electrical system)	05 Generator.	GAS
34	Bicon Pharmaceuticals Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
35	Beacon Pharmaceuticals Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	800 KVA	Diesel

Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
36	BUET Power Plant	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	5 MW	GAS
37	BUET Power Plant	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	1 MV	Diesel
38	BRAC UNIVERSITY.	Generator. 0.44 KV (Mechanical & Electrical system)	1000 KVA	Diesel
39	BRAC UNIVERSITY.	Generator Room Canopy (Mechanical & Electrical system)	01 Generator.	Diesel
40	BUET Power Plant	Generator Room Canopy. (Mechanical & Electrical system)	03 Generator.	GAS
41	BRB HOSPITALS LIMITED.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	Diesel
42	BUET Power Plant	Generator Canopy. (Mechanical & Electrical system)	01 Generator.	Diesel
43	Brandix Lanka Ltd (Comilla EPZ)	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
44	Bangladesh Insulator & Sanitary Wears Factory Ltd. (B.I.S.F)	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
45	Bakhrabad Gas Transmission Distribution System Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
46	Bangladesh Medical College and Hospital	Generator. 0.44 KV (Mechanical & Electrical system)	635 KVA	Diesel
47	Barnali Dying Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
48	Batik Plastic Industries Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
49	British American Tobacco Co. Ltd (B.A.T.CO	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
50	Best Wool Sweaters, Konabari, Gazipur	Generator. 0.44 KV (Mechanical & Electrical system)	635 KVA	Diesel
51	Bosundhara Steel, Karanigonj.	Generator. 0.44 KV (Mechanical & Electrical system)	500 KVA	Diesel
52	Bosundhara Steel, Karanigonj	Generator Room Canopy (Mechanical & Electrical system)	01 Generator.	Diesel
53	B I F T, SR Tower, Uttara	Generator. 0.44 KV (Mechanical & Electrical system)	635 KVA	Diesel
54	Bombay Sweet Ltd, Postakhola	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	Diesel
55	Channel 24 (Head office)	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
56	Channel 24 (Head office)	Generator Room Canopy. (Mechanical & Electrical system)	02 Generator.	Diesel+GAS
57	Channel-I	Generator. 0.44 KV (Mechanical & Electrical system)	1.65 MW	Diesel+GAS
58	CACO Chemical Industries LTD.	50 TPD Precipitated Calcium Carbonate Production Line. (Mechanical & Electrical system)	50 TPD (Full Industries Setup)	GAS
59	Cemex Cenent (BD)	Generator. 11 KV (Mechanical & Electrical system)	6 MW.	GAS
60	Collosuch Dying Ltd. Gazipur, Vogra Baipus.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	GAS
61	Colotex Apparels Ltd. Salna, Gazipur	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	Diesel
62	Colotex Apparels Ltd. Salna, Gazipur	Generator Canopy. (Mechanical & Electrical system)	02 Generator	Diesel
63	Colotex Apparels Ltd. Salna, Gazipur	Generator Exhaust Canopy. (Mechanical & Electrical system)	02 Generator.	Diesel
64	Chittagong Steel Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	5 MW	GAS
65	Chung Hua Aluminium Factory Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
66	Comilla Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
67	Cost Bangla Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
68	Chung Hua Aluminium Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
69	Choudhury CNG Gas Station	Generator. 0.44 KV (Mechanical & Electrical system)	630 KVA	Diesel
70	CREATIVE GROUP	Generator. 0.44 KV (Mechanical & Electrical system)	500 KVA	Diesel

Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
71	Cross-World Power limited	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	500 KVA	Diesel
72	Choudhury CNG Gas Station	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	01 Generator.	Diesel
73	CONTENTAL GARMENTS GROUP	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
74	Colossus Apparel Limited.	Generator Room Canopy (Mechanical & Electrical system)	05 Generator.	Diesel
75	Crescent Leather Product Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	630 KVA	Diesel
76	Crescent Leather Product Ltd.	Generator Canopy. (Mechanical & Electrical system)	01 Generator.	Diesel
77	Chittagong Foyels, Ashulia	Generator. 0.44 KV (Mechanical & Electrical system)	100 KVA	Diesel
78	Chittagong Foyels, Ashulia	Generator Canopy. (Mechanical & Electrical system)	01 Generator.	GAS
79	Desh Energy Power plant (Sylhet) Power Plant	Power Plant. 0.44 KV (Mechanical & Electrical system)	10 MW	GAS
80	Desh Energy Power Plant (Siddirgonj) Power Plant	Power Plant. 0.44 KV (Mechanical & Electrical system)	100 MW	Diesel
81	Digonto Sweaters Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
82	Dutch-Bangla Bank Limited.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	Diesel
83	DAN FOODS LIMITED.	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	Diesel+GAS
84	DAN FOODS LIMITED.	Generator Canopy. (Mechanical & Electrical system)	02 Generator.	Diesel+GAS
85	DAN FOODS LIMITED.	Steel Structure. (Mechanical & Electrical system)	8+ Shead	Factory
86	Divine Textile Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
87	Denis Embassy, Gulshan-2	Generator. 0.44 KV (Mechanical & Electrical system)	100 KVA	Diesel
88	Denis Embassy, Gulshan-2	Generator Canopy. (Mechanical & Electrical system)	01 Generator.	Diesel
89	EMON FASHION LTD	Generator. 0.44 KV (Mechanical & Electrical system)	1.3 MW	GAS
90	EUROTEX KNITWEAR LTD.	EGB. (Mechanical & Electrical system)	02 Generator.	GAS
91	Fakir Cotton Mills	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
92	Fashion Fourm Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
93	Faltex Composite, Tongi	Generator. 0.44 KV (Mechanical & Electrical system)	310 KVA	Diesel
94	Faltex Composite, Tongi	Generator Canopy. (Mechanical & Electrical system)	01 Generator.	Diesel
95	Formosa Poly Cotton Textile (BD) LTD	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
96	GILDAN	Generator. 11 KV (Mechanical & Electrical system)	2.5 MW	Diesel
97	GENERAL PHARMACEUTICALS LTD	Generator. 0.44 KV (Mechanical & Electrical system)	2.5 MW	Diesel
98	GILDAN (SDS)	Generator Container Canopy. 0.44 KV (Mechanical & Electrical system)	5 MW.	Diesel
99	GILDAN (Nouvs)	Generator Container Canopy. 0.44 KV (Mechanical & Electrical system)	1.5 MW	Diesel
100	GONOSHSTHAYA KENDRA.	Generator. 0.44 KV (Mechanical & Electrical system)	550 KVA	Diesel
101	Gazipur Papers Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
102	Gazipur Papers Mills Ltd.	Production Area (Mechanical & Electrical system)	APD	Electric & GAS
103	Global Merchant Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	Diesel
104	Hoshab Energy Primer Ltd. (Shahjai Bazar)	Power Plant. 11 KV (Mechanical & Electrical system)	550 KVA	GAS
105	Hoshab Energy Primer Ltd.(Kumarga)	Power Plant. 11 KV (Mechanical & Electrical system)	50 MW	GAS

Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
106	Ha-meem Group Tejgaon	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
107	Ha-meem Denim Ltd.	Generator, Substation. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
108	Hazrat Shahjalal International Airport (Aviation Dhaka Consortium (ADC))	(Diesel Generator, Resistive load bank test) (Mechanical & Electrical system)	1.6	GAS
109	HA-MEEM GROUP.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	Diesel
110	How are You Textile Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	Diesel
111	Hashem Paper Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	Diesel
112	HAZRAT AMANAT SHAH SPINNING MILLS LIMITED.	Generator. 0.44 KV (Mechanical & Electrical system)	6 MW	Diesel
113	HEALTHCARE FORMULATIONS LTD	Generator. 0.44 KV (Mechanical & Electrical system)	200 KVA	GAS+Diesel
114	HOP YICK (BANGLADESH) LTD.	Generator. 0.44 KV (Mechanical & Electrical system)	1067 KVA	GAS+Diesel
115	HOTEL SARINA DHAKA.	Power Plant. 0.44 KV (Mechanical & Electrical system)	1.3 MW	Diesel
116	HUAWEI (BTCL)	Generator. 0.44 KV (Mechanical & Electrical system)	3.80 MW	Electric
117	Incepta Pharmaceutical Ltd (Savar)	Generator. 0.44 KV (Mechanical & Electrical system)	14 MW	Diesel
118	Incepta Pharmaceutical Ltd (Savar)	Generator Room Canopy. (Mechanical & Electrical system)	4 Room	GAS
119	Incepta Pharmaceutical Ltd (Savar)	Generator Canopy. (Mechanical & Electrical system)	4 Generator.	Diesel+GAS
120	Incepta Pharmaceutical Ltd (Savar)	Chiller. (Mechanical & Electrical system)	1X800 TR. 2X400 TR.	Factory
121	Incepta Pharmaceutical Ltd (Savar)	Boiler. (Mechanical & Electrical system)	3X4 Ton.	GAS
122	Incepta Pharmaceutical Ltd (Savar)	EGB. (Mechanical & Electrical system)	4 Generator.	Diesel
123	Incepta Pharmaceutical Ltd (Savar)	Air Compressor. (Mechanical & Electrical system)	4 NOS	Factory
124	Incepta Pharmaceutical Ltd (Savar)	Energy Bridge, Cable Tray, Fuel Tank, Storage Tank, Water Drainage System. (Mechanical & Electrical system)	APD	Factory
125	Incepta Pharmaceutical Ltd (Savar)	Steel Structure. (Mechanical & Electrical system)	5+ Shead	Factory
126	Incepta Pharmaceutical Ltd (Savar-CUB)	Generator. 0.44 KV (Mechanical & Electrical system)	6 MW	GAS+Diesel
127	Incepta Pharmaceutical Ltd (Savar-CUB)	Generator Room Canopy. (Mechanical & Electrical system)	4 Room	GAS+Diesel
128	Incepta Pharmaceutical Ltd (Savar-CUB)	EGB. (Mechanical & Electrical system)	3 Generator.	GAS
129	Incepta Pharmaceutical Ltd (Savar-CUB)	Boiler. (Mechanical & Electrical system)	4 Ton.	Diesel
130	Incepta Pharmaceutical Ltd (Savar-Unit-17)	Chiller. (Mechanical & Electrical system)	6X800 TR. 4X400 TR.	Electric
131	Incepta Pharmaceutical Ltd (Savar-Unit-17)	Boiler. (Mechanical & Electrical system)	4 Ton.	Diesel
132	Incepta Pharmaceutical Ltd (Savar-Unit-17)	Portable Water System. (Mechanical & Electrical system)	New Plant	Factory
133	Incepta Pharmaceutical Ltd (Savar-Unit-17)	GAS line, Steam line System. (Mechanical & Electrical system)	APD	Factory
134	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 01)	Generator. 0.44 KV (Mechanical & Electrical system)	11 MW	GAS+Diesel
135	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 01)	Boiler. (Mechanical & Electrical system)	2X4 Ton.	Diesel
136	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 01)	Chiller. (Mechanical & Electrical system)	2X800 TR. 2X400 TR.	Electric
137	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 01)	Sandwich panels system, Door & Windows Fitting, AHU, Maffre Ceiling Hanging Materials Supply & Fitting Works, Chilled, Water Pipe Line, Duct Supply, Forum of Clinical Oncology (FCO). (Mechanical & Electrical system)	APD	Electric
138	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 01)	Lightning arrester, Earthing Boring (Roof network, down conductors, equipotential bonding, a grounding system, and surge suppression devices on incoming power and communication lines). (Mechanical & Electrical system)		

Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
139	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 03)	HT cable laying termination Work Over the Energy Bridge. (Mechanical & Electrical system)	Long distance	Factory
140	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 01,02,03)	Earthing Boring. (Mechanical & Electrical system)	152+ NOS (0.11 Ω -0.99 Ω)	Factory
141	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	Chill Water pipe line Work Over the Energy Bridge. (Mechanical & Electrical system)	Long distance	Factory
142	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	Generator. 0.44 KV (Mechanical & Electrical system)	12 MW	Diesel
143	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	Substation. 33 KV (Mechanical & Electrical system)	20 MW	Electric
144	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	Boiler. (Mechanical & Electrical system)	2X4 Ton	Diesel
145	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	Boiler. (Mechanical & Electrical system)	1X8 Ton	Diesel
146	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	Chiller. (Mechanical & Electrical system)	6X1200 TR. 1X800 TR. 2X325 TR.	Electric
147	Incepta Pharmaceuticals Ltd (Dhamrai-CUB 02)	LPG Plant. (Mechanical & Electrical system)	80 MT	Factory
148	Incepta Pharmaceuticals Ltd (Dhamrai)	Power Plant. 0.44 KV (Mechanical & Electrical system)	6+ Shead	Factory
149	Ibrahim Composite Textile Mills Ltd.	Steel Structure. (Mechanical & Electrical system)	1 MW	GAS
150	Interfab (BD) Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2.5 MW	GAS
151	Ibrahim Composite Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
152	INFINIA SPINNING MILLS LTD. (Chittagong)	Generator. 0.44 KV (Mechanical & Electrical system)	6 MW	GAS
153	Intercall Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
154	Islami University, Gazipur	Generator. 0.44 KV (Mechanical & Electrical system)	635 MW	Diesel
155	Islami University, Gazipur	Generator Canopy. (Mechanical & Electrical system)	1 Generator.	Diesel
156	IBN Sina, Sobanighat, Sylhet	Generator. 0.44 KV (Mechanical & Electrical system)	635 KVA	Diesel
157	IDS Group	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
158	ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT).	Generator. 0.44 KV (Mechanical & Electrical system)	800 MW	Diesel
159	ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT).	Generator. 0.44 KV (Mechanical & Electrical system)	1 Generator.	Diesel
160	J & J Fabrics Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
161	Jadu Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
162	Jahanara Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
163	Jalalabad Gas Transmission & Distribution System Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
164	Jhoni Textile Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
165	Joya Vegetable Oil Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
166	JAHANGIRNAGAR UNIVERSITY.	AC (Mechanical & Electrical system)	37 NOS	Electric
167	JAHANGIRNAGAR UNIVERSITY.	Substation. 11 KV (Mechanical & Electrical system)	800 KVA	Electric
168	Jakson International limited.	Generator. 0.44 KV (Mechanical & Electrical system)	8 MW	Diesel
169	Korotoa Spinning Mills Ltd. Shapipur, Gazipur	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
170	Korotoa Green Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
171	Kornofuli CNG Filling Station	Generator. 0.44 KV (Mechanical & Electrical system)	630 MW	Diesel
172	KALTIMEX ENERGY BANGLADESH(PVT.) LTD.	Generator. 0.44 KV (Mechanical & Electrical system)	1.6 MW	GAS
173	Kashipur Textile Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS

Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
174	KHAN BUILDETS	Generator. 0.44 KV (Mechanical & Electrical system	700 KVA	Diesel
175	KHAN BUILDETS	Generator Canopy. (Mechanical & Electrical system)	1 Generator.	Diesel
176	KHAN TOWER.	Generator Room Canopy. (Mechanical & Electrical system	1 Generator.	Diesel
177	KHAN TOWER.	Generator. 0.44 KV (Mechanical & Electrical system)	500 KVA	Diesel
178	KOHINUR RUBBER INDUSTRIES.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
179	MA Motin Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
180	Monno Fabrics Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	10 MW	GAS
181	Monno Garments Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
182	Monno Medical College & Hospital	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	Diesel
183	MONDOL GROUP. (TROPICAL KNITEX LTD).	Generator. 0.44 KV (Mechanical & Electrical system)	5.6 MW	GAS+ Diesel
184	MONDOL GROUP. (TROPICAL KNITEX LTD).	Generator Room Canopy (Mechanical & Electrical system)	4 Generator.	GAS+ Diesel
185	MONDOL GROUP. (TROPICAL KNITEX LTD).	EGB (Mechanical & Electrical system)	3 Generator.	GAS
186	Monno Ceramic Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	2.5 MW	GAS
187	Metro Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
188	Modina CNG	Generator. 0.44 KV (Mechanical & Electrical system)	630 MW	Diesel
189	Madanic Hospital Azimpur	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
190	Marble DI Carrara Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
191	MP Textiles Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
192	Marina Apparels Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
193	Multi fabs Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	6.5 MW	GAS+Diesel
194	Multi fabs Ltd.	Generator Room Canopy. (Mechanical & Electrical system)	2 Room	GAS
195	Multi fabs Ltd.	Generator Canopy. (Mechanical & Electrical system)	2 Generator.	Diesel
196	Multi fabs Ltd.	Dyeing. (Mechanical & Electrical system)	25 Ton.	GAS
197	Multi fabs Ltd.	Boiler. (Mechanical & Electrical system)	2X4 Ton.	GAS
198	Multi fabs Ltd.	EGB. (Mechanical & Electrical system)	2 Generator.	GAS
199	Multi fabs Ltd.	CNG . (Mechanical & Electrical system)	3 Generator.	GAS
200	Multi fabs Ltd.	Air Compressor. (Mechanical & Electrical system)	7 NOS	Electric
201	Multi fabs Ltd.	Standard Machine. (Mechanical & Electrical system)	2 NOS	GAS
202	Multi fabs Ltd.	Garments Floor. (Mechanical & Electrical system)	15 Floor	Electric
203	Multi fabs Ltd.	Energy Bridge, Cable Tray, Fuel Tank, Storage Tank, Water Drainage System. (Mechanical & Electrical system)	APD	Factory
204	Multi fabs Ltd.	ETP & WTP (Mechanical & Electrical system)	APD	Factory
205	Multi fabs Ltd (Mourisase).	Generator. 0.44 KV (Mechanical & Electrical system)	850 KVA	Diesel
206	Multi fabs Ltd (Mourisase).	Dyeing. (Mechanical & Electrical system)	7 Ton.	GAS
207	Multi fabs Ltd (Mourisase).	Boiler. (Mechanical & Electrical system)	1X4 Ton.	GAS
208	Multi fabs Ltd (Mourisase).	Air Compressor. (Mechanical & Electrical system)	2 NOS	Electric

Sl.NO.	Name of Factory	Description	Capacity	Fuel Type
209	Multi fabs Ltd (EMS).	Boiler. (Mechanical & Electrical system)	1X2.5 Ton.	Jute
210	Multi fabs Ltd (EMS).	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	Diesel
211	Multi fabs Ltd (EMS).	Garments Floor. (Mechanical & Electrical system)	5 Floor	Electric
212	Multi fabs Ltd (EMS)	Air Compressor. (Mechanical & Electrical system)	3 NOS	Electric
213	Mushna Wire Product.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
214	Mita Textile Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
215	Metro Cement Ltd.	Generator. 11 KV (Mechanical & Electrical system)	4 MW	GAS
216	Metrocem Ispat Ltd.	Generator. 11 KV (Mechanical & Electrical system)	8 MW	GAS
217	MAGURA PAPER MILLS LTD.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
218	Nassa Thai Pai Dyeing & Textile Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	GAS
219	Nowab Abdul Malek Jute Mills Ltd(BD) Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
220	Nurul Islam Spinning Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
221	Nabisco Biscuit & Bread Factory	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
222	Nestle (BD) Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	630 KVA	Diesel
223	National Chemical Industries Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
224	Nestle Bangladesh Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
225	Newtex Packaging Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
226	Nishat Jute Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
227	Orchard Sweater Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
228	Oriental Bread &Biscuit Factory	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
229	Otto Textiles Mills Ltd.(Narayangonj)	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
230	Otto Textiles Mills Ltd (Mauna, Gazipur)	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
231	PARAMOUNT BTRAC ENERGY LTD.	Generator. 11 KV (Mechanical & Electrical system)	200 MW	Diesel
232	P.H.P Glass Factory Ltd.	Generator. 11 KV (Mechanical & Electrical system)	12 MW	GAS
233	PAKIZA KNIT COMPOSITE LTD.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
234	Paradise Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	GAS
235	Panna Spinning Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	4 MW	GAS
236	Panna Textile Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
237	Popular Pharmaceuticals Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	7 MW	GAS+ Diesel
238	Popular Hospital.	Generator. 0.44 KV (Mechanical & Electrical system)	1000 KVA	Diesel
239	Pubali Salt Industries Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	12 MW	GAS
240	Padma Poly Cotton Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1.2 MW	GAS
241	Pearls Paper & Board Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1.2 MW	GAS
242	Pearls Prince Apparels	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
243	Primer Flex Plastic Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
244	POLAR ICE CREAM INDUSTRIES LIMITED.	Generator. 0.44 KV (Mechanical & Electrical system)	1196 KVA	GAS

SI.NO.	Name of Factory	Description	Capacity	Fuel Type
245	Proma Green Syndicate	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
246	Palma Group (ASWAD COMPOSITE MILLS LTD).	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
247	Palma Group (ASWAD COMPOSITE MILLS LTD).	Generator. 0.44 KV (Mechanical & Electrical system)	1.8 MW	Diesel
248	Palma Group (ASWAD COMPOSITE MILLS LTD).	Generator Canopy. (Mechanical & Electrical system)	1 Generator	Diesel
249	Palma Group (ASWAD COMPOSITE MILLS LTD).	EGB (Mechanical & Electrical system)	1 Generator	GAS
250	Palma Group (Ayesha Washing Ltd).	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS+Diesel
251	Palma Group (ARKAY-02).	Generator. 0.44 KV (Mechanical & Electrical system)	1.8 MW	Diesel
252	Palma Group (ARKAY-01).	Generator. 0.44 KV (Mechanical & Electrical system)	1880 KVA	Diesel
253	Palma Group (NAFA APPARALS LTD).	Rice Husk Boiler. (Mechanical & Electrical system)	2 Ton	Rice Husk
254	PN Composite Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
255	PN Composite Ltd	Dyeing. (Mechanical & Electrical system)	35 Ton.	GAS
256	Queen South Textile Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
257	Rohimafrooz Energy Services Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
258	Russel Spinning Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
259	Ruposhi Dying Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
260	Radiance Knite Wears Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
261	Rubel Dyeing Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
262	Renata Pharmaceuticals Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
263	Samsul Alam Cotton Mills Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
264	Sman Flexible Packaging Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1.5 MW	GAS
265	South East Bank (Younus Tower)	Generator. 0.44 KV (Mechanical & Electrical system)	300 KVA	Diesel
266	South East Bank (Younus Tower)	Generator Canopy. (Mechanical & Electrical system)	1 Generator.	Diesel
267	Sajid Washing Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
268	STAR PORCELAIN LIMITED.	Generator Room Canopy. (Mechanical & Electrical system)	2 Room	GAS
269	Satu International PVT.Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
270	Spectra Feed Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
271	Shakil PVC Polymer & Rubber Industrise Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
272	Shermin Fhasion Ltd. (Shermin Group)	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
273	Spectra Feed Mills Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
274	Sylhet Gas Field Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
275	S.Q Sweaters Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
276	Star & Co.Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
277	Squire Pharmaceuticals, Mohakhali	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	Diesel
278	Squire Pharmaceuticals, Mohakhali	Generator Canopy. (Mechanical & Electrical system)	2 Generator.	Diesel
279	Savar Vegetable Oil Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
280	SK+F. Mura Para, Rupgonj, Bhulta, Narayanganj	Generator. 0.44 KV (Mechanical & Electrical system)	1250 KVA	Diesel

SI.NO.	Name of Factory	Description	Capacity	Fuel Type
281	That's It Knit Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
282	The Fashion Island, Rampura	Generator. 0.44 KV (Mechanical & Electrical system)	500 KVA	Diesel
283	Tara Enterprise Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	600 KVA	Diesel
284	TUNG HING (BD) MANUFACTORY LTD.	Generator Canopy. (Mechanical & Electrical system)	954 Kw	Diesel
285	Union Steel Tube Mills Ltd	EGB (Mechanical & Electrical system)	1.4 MW	GAS
286	University of Dental College & hospital, Magbazar.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
287	UNITED DELCOT WATER LIMITED	Generator. 0.44 KV (Mechanical & Electrical system)	2 KVA	Diesel
288	United Weaving Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
289	Unilever Bangladesh Mills Ltd.	Rice Husk Boiler. (Mechanical & Electrical system)	1 MW	GAS
290	UNITED HOSPITAL	Generator. 0.44 KV (Mechanical & Electrical system)	3 MW	GAS
291	Vertex Group	Dyeing. (Mechanical & Electrical system)	1 MW	GAS
292	Veritas Pharmaceuticals LTD.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
293	Varasha Agro Chemical Industries Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS
294	Vision Garments Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
295	Youngone Synthetic Fiver Production Ind.Ltd	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
296	Yogotex Fabrics Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	1 MW	GAS
297	Zinnat Apparels Ltd.	Generator. 0.44 KV (Mechanical & Electrical system)	2 MW	GAS

Our Valued Clients (Pharmaceuticals Sector)				
Our Valued Clients (Garments Sector)				
Our Valued Clients (Power Plant Sector)				
Our Valued Clients (Hospital & Health Sector)				
Our Valued Clients (Education Sector)				

Our Valued Clients (Pharmaceuticals Sector)				
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Our Valued Clients (Power Plant Sector)				
Our Valued Clients (Hospital & Health Sector)				
Our Valued Clients (Education Sector)				



The quality
you can trust

**MECHANICAL
PART**



Erection, Fabrication, Testing, Commissioning & Supply mechanical System:

Sound Proof Canopies

We are one of the sound proof canopy, acoustic generator canopies, blower canopies, cable machine canopies, compressor canopies and compressor sound proof canopies from in Bangladesh. Jarcon are offering sound proof canopies from 15 kva to 1500 kva .the canopies suitable for different make generators with ifferent specification. These are specifically designed for generators, compressors, blowers, swing machine, hydraulic machine, cable machine. This is used for internal as Well as external use .it protects from all weathers, fire protection, and humidity & dusty by used of specifically filters.

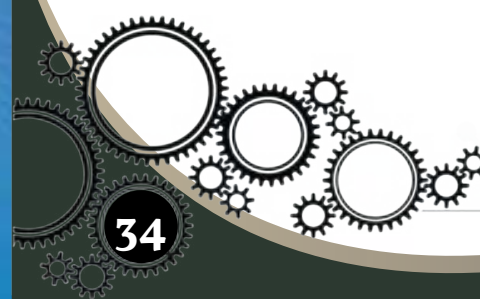


High class steel sheet fabricated without corrosion & the components are retreated & pretested for long life and Optimum result High class steel sheet fabricated without corrosion & the components are retreated & pretested for long life and Optimum result.Modular construction & vibration free in both welded, dismantle & assembly type by experts modern cad/cam Techniques, To achieve optimum output with low noise using hoods/ducting/louvers to increasing air flow with low emission As well as ventilation.Close fit type compact canopies are duly approved & guaranteed for any make of generators manufacture. • Doors are gasketed with high quality neoprene /edpn gaskets to avoid the leakage of sound through doors By providing lockable type heavy looks. Provision for illumination inside enclosure & glass window panel viewing

We are manufacturer & supplier of both industrial & residential silencers. These are designed and manufactured by making use of supreme grade raw material with the help of latest technology at our sophisticated production set up. Prior to dispatch them from our end, the offered industrial & residential to ensure their flawlessness.

Exhaust Generator Silencer

These silencers work by reducing the amount of noise produced by the engine by absorbing it and then redirecting it away from the engine. Certain models of emission control silencers come with the ability to control the vibrations as well, thereby leading to an overall quiet operation Mufflers that attenuate sound waves by interference are known as reactive mufflers. These devices generally separate the waves into two components that follow different paths and then come together again out of phase (out of step), thus canceling each other out and reducing the sound.





Louver



A louver is the part of the HVAC system that allows airflow into the building but blocks the rest of nature from getting in. Louver ombination with other types of window treatments. Louvers are used to control natural light, temperature, and airflow in a building. Louvers help regulate heat gain or loss by preventing unwanted solar heat gain while allowing fresh air to enter the building. Louvers are often installed in restaurants and other public buildings where people might not want to see inside. You can also use them in homes and businesses alike to prevent sunlight from coming in at certain times of day like early morning or late afterno side thos spaces. Louvers can be found anywhere there's an HVAC system in place. Louvers are most commonly found on windows or doors, which means that they're responsible keeping cool air flowing into your home during summer and warm air flowing out during winter months.

- Louvers are used in a lot of different places, including:**
- # Schools
 - # Residential homes
 - # Hospitals and other medical facilities
 - # Offices and other commercial buildings
 - # Restaurants and other food-related businesses

Industrial Fuel Storage Tanks

Industrial fuel storage tanks, known as petroleum tanks also, can store various fluids. In general, they are used for storing non-organic and organic liquids. They can also hold vapor as well as different flammable fluids. Fuel storage tanks are manufactured in various designs and sizes. They are designed to store a variety of fuels, vapor, and industrial liquids.



Chimney

A chimney is an architectural ventilation structure made of metal that isolates hot toxic exhaust gases or smoke produced by a boiler, stove, furnace, incinerator or fireplace from human living or industrial areas. Chimneys are typically vertical, to ensure that the gases flow smoothly, drawing air into the combustion in what is known as the stack, or chimney effect. The space inside a chimney is called the flue. Chimneys are adjacent to large industrial refineries, fossil fuel combustion facilities or part of buildings, steam locomotives and ships.

Being one of the leading industrial chimney manufacturers in Bangladesh, each of our chimneys is manufactured by using high quality raw materials. Our varied range of industrial chimneys apart from others is their great capacity, good performance, weather resistance and low maintenance. We are also providing one year full free of cost service and maintenance.



Seamless steel pipes

Seamless steel pipes are used in a wide range of applications, the general-purpose seamless steel pipe is rolled from ordinary carbon structural steel, low-alloy structural steel, or alloy structural steel, and has the largest output, and is mainly used as a pipe or structural component for conveying fluid. Seamless steel pipes have hollow sections and are used in large quantities in transporting fluids, such as pipes for transporting petroleum, natural gas, gas, water, and certain solid materials. Compared with solid steel such as round steel, the steel pipe has a lighter weight but it has the same bending and torsional strength and is economical section steel



Pipe Fittings:

Butt- Welding Fitting (sch 40-120)

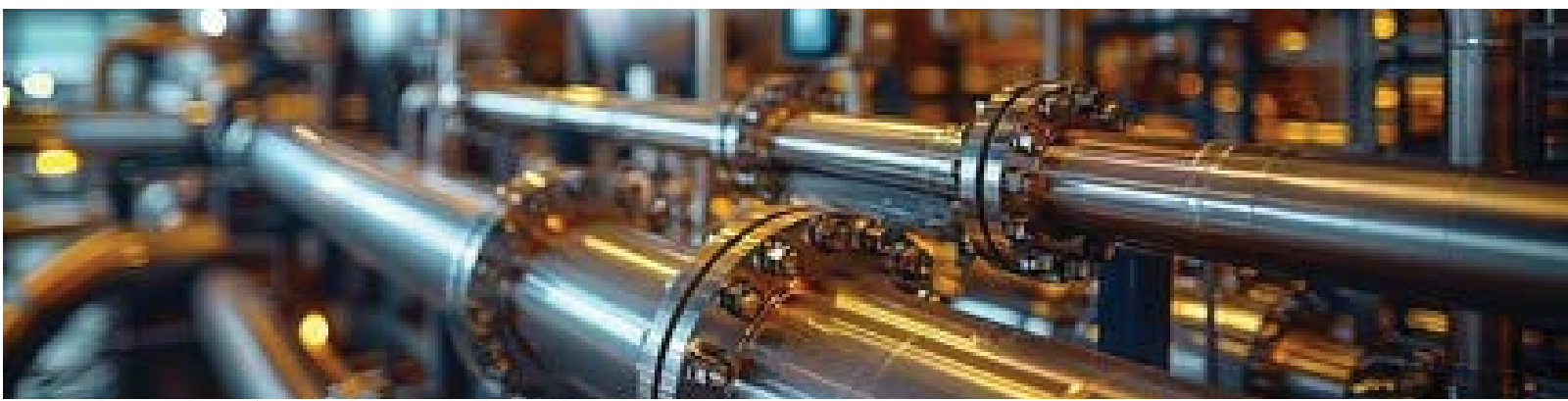


Socket welding fittings



Threaded Fitting





FLANGE

Washers



Nut & Bolt



Valve

A ball valve is a flow control device which uses a hollow, perforated, and pivoting ball to control fluid flowing through it. It is open when the hole through the middle of the ball is in line with the flow inlet, and closed when it is pivoted 90 degrees by the valve handle, blocking the flow.



Gasket

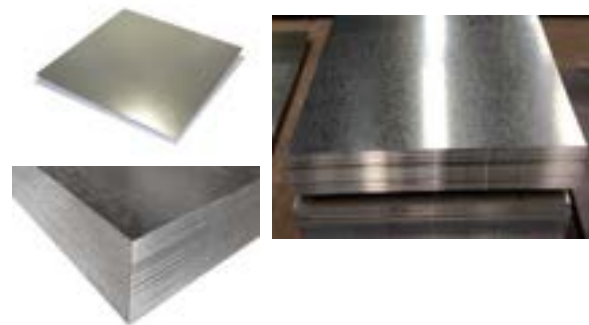




Flexible Joint



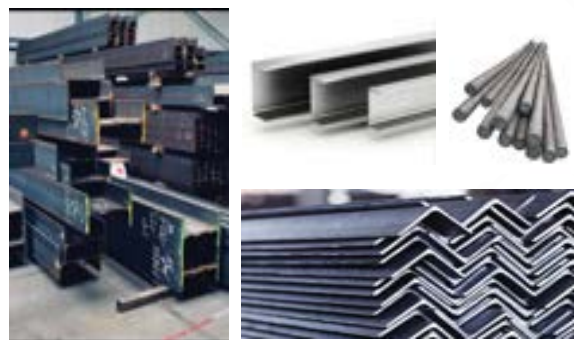
Galvanized Steel Plate



Galvanized Steel Coil



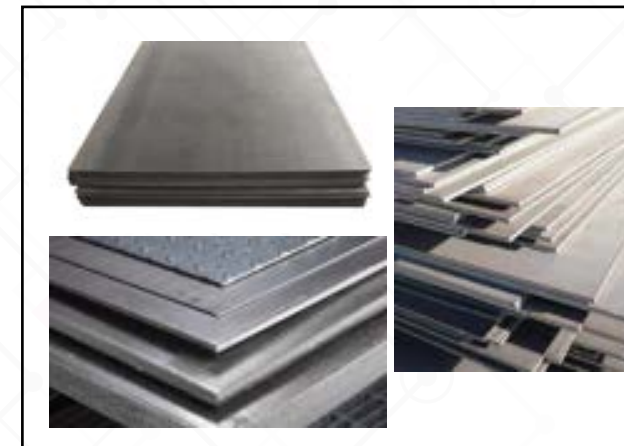
H-Beam / Channel / Angle / Round Bar



Carbon Steel Pipe



Carbon Steel Plate



Copper Tube Coil



Vent Silencers

Vent Silencers reduce the noise generated by the expansion of gas or steam from elevated pressures to atmospheric pressure. These absorptive silencers are used to suppress noise generated by high velocity gas streams such as steam vents, safety relief valve outlets, system blow down and purge outlets.



Rain Protection Cap : Rotating Chimney Cover Cap / Factory Roof Anti-Downdraught Chimney Cap



A power plant or power station is an industrial facility for the generation of electric power. Power stations have one or more generators, a rotating machine that converts mechanical power into electrical power. The relative motion between a magnetic field and a conductor creates an electric current.

Type Of Power plant:



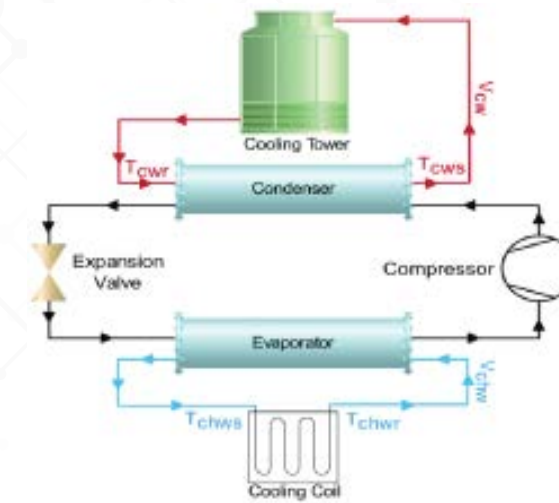
Boiler

Boilers are used in power plants in order to produce high pressured steam, so that the plant can generate electricity. The process that does this is known as the Rankine cycle. The boiler takes in energy from some form of fuel such as coal, natural gas, or nuclear fuel to heat water into steam



Chiller:

A chiller is a machine that removes heat from a liquid coolant via a vapor-compression, adsorption refrigeration, or absorption refrigeration cycles. This liquid can then be circulated through a heat exchanger to cool equipment, or another process stream.





Cooling Tower Air Inlet Louver



Cooling Tower Sprinkler Head



Cooling Tower Infill



Cooling Tower Spray Nozzle



Cooling Tower



Cooling Tower Motor



Cooling Tower Distribution Pipe



Cooling Tower Fan

LPG:

Liquefied petroleum gas (LPG) is a flammable, portable, and efficient fuel gas that's made from a mixture of hydrocarbon gases, such as propane, butane, and isobutane. It can also contain some propylene, butylene, and isobutene



Steel structure

"We provide complete steel structure solutions, including columns, beams, trusses, purlins, bracing, and ACP cladding. Our work ensures strength, durability, and modern design with high-quality finishing. Steel structure design involves the strategic planning and construction of industrial facilities using premium structural steel components. Renowned for its superior strength, flexibility, and cost-effectiveness, steel is widely utilized across various industries. A well-designed steel workshop guarantees operational safety, efficiency, minimal maintenance, and long-term durability."





Rental Service:

Rental machinery and equipment is machinery and equipment that is rented or held for rent or lease. Renting equipment is different from leasing, which typically covers a longer period of time and may offer more options at the end of the contract.

Generator:



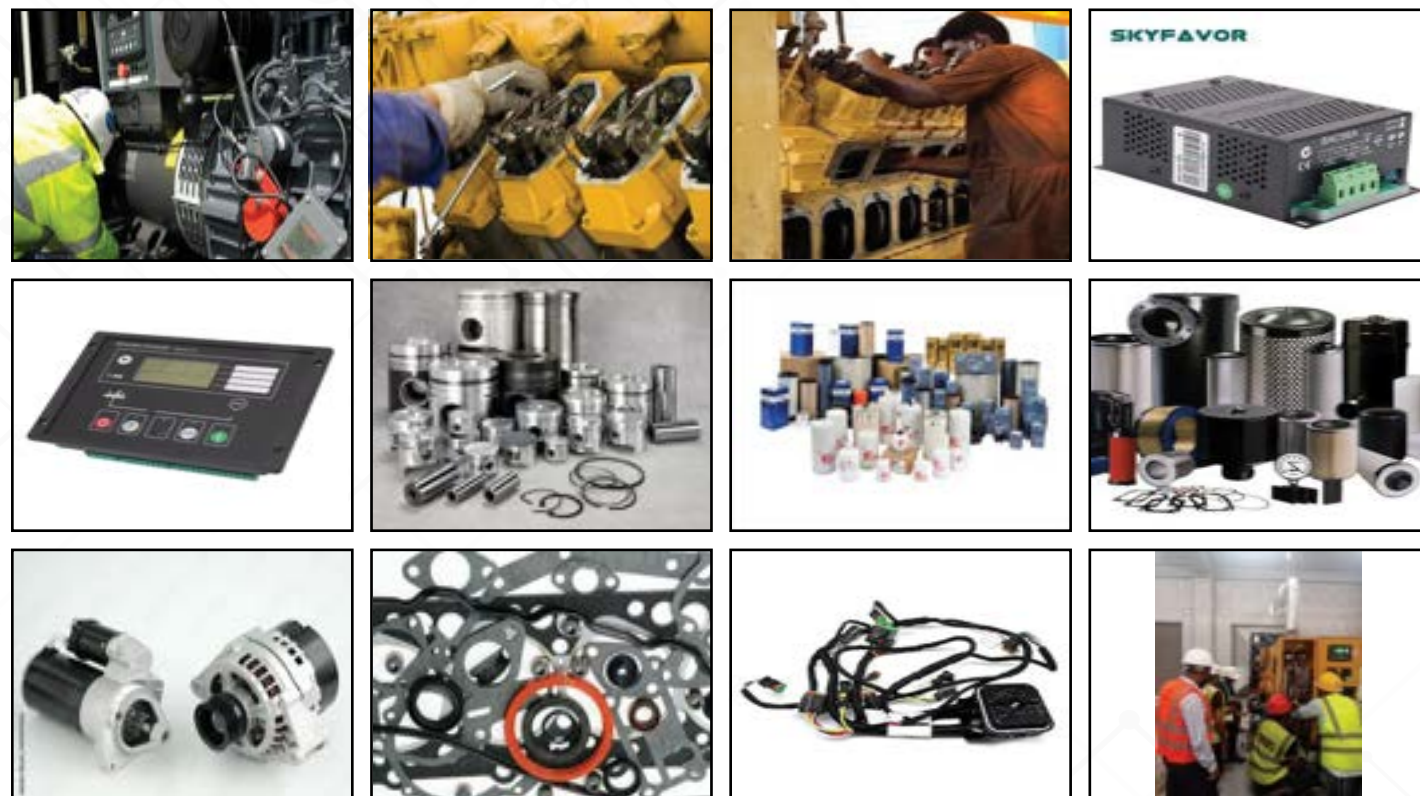
Resistive Load Bank:

A resistive load bank, the most common type, provides equivalent loading for both generators and prime movers. That is, for each kilowatt (or horsepower) of load applied to the generator by the load bank, an equal amount of load is applied to the prime mover by the generator.



Generator Servicing & Sapir Parts Supply

A generator service is a proactive but precautionary approach that keeps your power generation equipment in prime condition. It involves a full assessment, testing, and maintenance service of your generator to guarantee that it can continue to run to the best of its ability.



Welding

Welding is a fabrication process that joins materials, usually metals or thermoplastics, primarily by using high temperature to melt the parts together and allow them to cool, causing fusion.

4 Main Types of Welding Processes



Gas Metal Arc Welding (GMAW/MIG)

Gas Tungsten Arc Welding (GTAW/TIG)

Shielded Metal Arc Welding (SMAW)

Flux Cored Arc Welding (FCAW)

Welding Safety

Welding involves many potential hazards, including burns, electric shock, fire, explosions, and exposure to toxic fumes and gases. Welding safety is essential to prevent injuries and fatalities in the workplace. It is important to follow proper safety procedures and use appropriate equipment to minimize the risk of accidents and injuries.

Welding Safety Guidelines

1. Conduct a hazard assessment before welding to identify potential hazards.
2. Wear appropriate personal protective equipment (PPE) for the job.
3. Ensure adequate ventilation to prevent exposure to toxic fumes and gases.
4. Keep the work area clean and free from flammable materials.
5. Use only well-maintained welding equipment.
6. Inspect the work area and equipment regularly to ensure they are in good working condition.
7. Use appropriate welding techniques and procedures to minimize the risk of accidents and injuries.
8. Train all personnel involved in welding operations on proper safety procedures.





Erection, Fabrication, Testing, Commissioning & Supply of Electrical Panel System

LT Switchgear

Low Tension Switchgear

Specification:

Available LT Switchgear

32A, 40A, 50A, 63A, 80A, 100A, 160A, 200A, 250A, 315A, 400A, 500A, 630A, 800A, 1000A, 1250A, 1600A, 2000A, 2500A, 3200A, 4000A, 5000A, 6300A



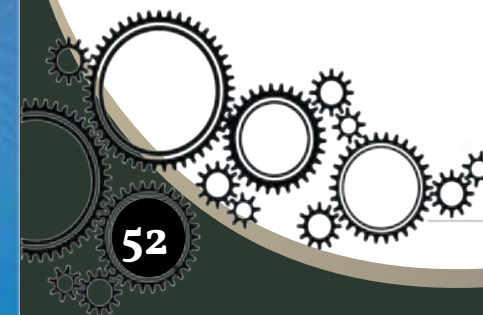
Description : A Distribution board (also known as panel board, breaker panel, or electric panel) is a component of an electricity supply system that divides an electrical power feed into subsidiary circuits while providing a protective fuse or circuit breaker for each circuit in a common enclosure. Normally, the main switch, and in recent boards, one or more residual-current devices (RCD) or residual current breakers with over-current protection (RCBO), are also incorporated.



The materials used in the manufacturing of the LT Panel are of optimum quality that ensures high durability and resistivity to various factors supporting corrosion. Moreover, the use of the advanced techniques in the manufacturing of the main LT Panel makes then a perfect match to the national as well as international standards. Moreover, customers are eased with the availability of the LT Control Panel at the most affordable prices.

The quality
you can trust

ELECTRICAL PART





Basic Function :

1. Controlling Or Switching
2. Protection (Over Load, Short Circuit , or Any Electrical Fault)
3. Status reading (Current ,Voltage ,Frequency)
4. Power Distribution

Main Features:

1. Readymade & Customized Solutions for load management.
2. Modular construction & compact size provides economy of space, time & cost.
3. In single door & double door version.
4. Designed for floor mounting /wall mounting.
5. Specially designed shrouded bus bar provides safety.
6. Number of ways option permits future system expansion.
7. Use of quality raw materials & sourcing from reputed manufacturers.

HT Switchgear (VCB)

Specification:

Available capacity of HT Switchgear (LBS/VCB)

11KV-630A

11KV-1250A

Description :

Application

Indoor / Outdoor Vacuum Circuit Breaker panel used to control and protection of the power supply to motors, transformers, capacitors, and other feeder circuits. Designed for indoor/out door use and is particularly suitable for

1. Electric power plants
2. Substations
3. Industrial plants
4. Commercial buildings
5. Pumping stations
6. Pipeline stations and
7. Transportation systems.
8. Large infrastructures: Airports, railways, etc.
9. Installation in AIS cubicles
10. Power stations: Wind farms
11. Utilities: Primary distribution substations
12. Industry: Chemical, Iron and steel, automobile, etc.
13. VCB's are available at rated voltages of 6.6 to 36 kV, with rated short-circuit breaking capacities from 25 to 40 kA.



SAFETY:

Compartment partitions and an automatic shutter system completely isolate the live part. Comprehensive interlocking mechanisms are used for Safe Operations. MAX VCB's are designed to withstand the huge pressure and burning effect of the arc to withstand in the event of an internal arc fault.

HIGH PROTECTION:

Specially designed Multiple Protection Relays are installed to provide protection, measurement, and communications and control functionality.



Power Factor Improvement Panel

Key Features

General Description:

To obtain the best possible economic advantage from electric power both the generating plant and consumers plants should be operated at high efficiency. To achieve this it is essential to have a high power factor throughout the system.

Most a.c. electric machines draw from the supply apparent power in terms of kilovolt-amperes (KVA) which is in excess of the useful power measured in kilowatts (KW) required by the machine. The ratio of these quantities



Useful power/Apparent power or KW/KVA = Power factor ($\cos \phi$) is known as the power factor of the load and is dependent upon the type of machine in use. A large proportion of the electric machinery used in industry has an inherently low power factor, which means that the supply authorities have to generate much more current than is theoretically required. In addition, transformers and cables have to carry this extra current. When the overall power factor of generating station's load is low, the system is inefficient and the cost of electricity correspondingly high. To overcome this, and at the same time ensure that the generators and cables are not overloaded with wattless current, the supply authorities often offer reduced terms to consumers whose power factor is high or impose penalties for low power factor.

Reductions in power costs can be made by taking advantage of these special terms.

Definition:

The power factor of a load is defined as the ratio of active power to apparent power, i.e. KW:KVA and is referred to as $\cos \phi$. The closer $\cos \phi$ is to unity, the less reactive power is drawn from the supply.

Why PFI is Necessary:

A reduction in the overall cost of electricity can be achieved by improving the power factor to a more economic level.

The supply will be able to support additional load which may be of benefit for an expanding company.

Reducing the load on distribution network components by power factor improvement will result in an extension of their useful life.

Application: Any installation, including the following types of machinery or equipment is likely to have a low power factor, which can be corrected incorporating a suitable PFI plant, with a consequent saving in charges:

- Induction Motor of all types.
- Power Thyristor installations for DC motor control & electro-chemical processes.
- Power transformer and voltage regulators.
- Welding machines.
- Electric-arc and induction furnaces.
- Choke Coils and Magnetic systems.
- Neon signs and fluorescent lighting.

Major Components:

Capacitor Bank
PFC Relay
Magnetic Contactor
Bus Bar
Panel





General Description:

The power factor regulator combines comprehensive operation with user-friendly control setting. It uses numerical techniques in computing the phase difference between the fundamentals of current and voltage, thus precise power factor measurement is achieved in presence of harmonics. The power factor regulator is designed to optimize the control of reactive power compensation. Reactive power compensation is achieved by measuring continuously the reactive power of the system and then compensated by the switching of capacitor banks. The sensitivity setting optimizes the switching speed. With the built-in intelligent automatic switching program, the power factor regulator further improves the switching efficiency by reducing the number of switching operations required to achieve the desired power factor.

Usage of the capacitor bank is evenly distributed by the intelligent switching algorithm. This ensures uniform ageing of the capacitors and the contactors used.

The four-quadrant operation feature allows the power factor regulator to operate correctly in the case of active power feed back to the mains where regenerative power sources used.

Harmonic current in the system can be harmful to the capacitor bank. This power factor regulator is capable of measuring the total harmonic distortion (THD) in the system and produce an alarm if the THD level is higher than the pre-set value. Other alarms include under/over compensate alarm, under/over current alarm and under/over voltage alarm.

Current Transformer (CT) polarity is important in determining the correct phase angle different between the current and voltage hence the power factor. This power factor regulator will automatically correct the CT polarity internally in the event that the polarity is reversed.

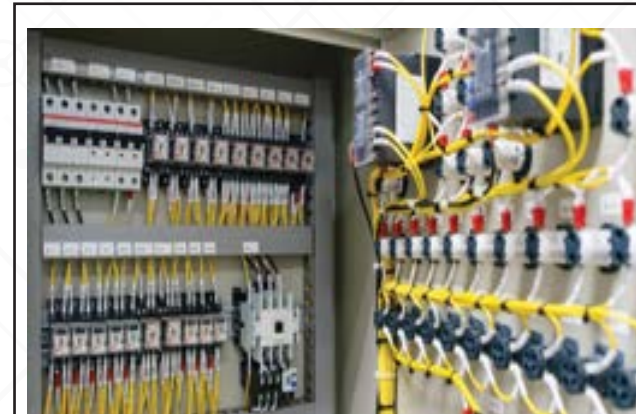
Distribution Board

Key Features

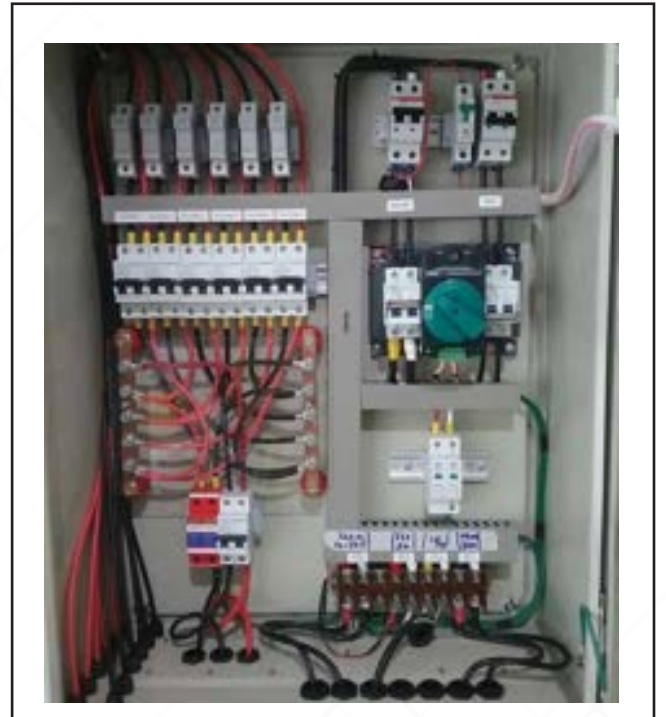
Application

A distribution board (also known as panel board, breaker panel, or electric panel) is a component of an electricity supply system that divides an electrical power feed into subsidiary circuits, while providing a protective fuse or circuit breaker for each circuit in a common enclosure. Normally, a main switch, and in recent boards, one or more residual-current devices (RCD) or residual current breakers with over current protection (RCBO), are also incorporated.

Power Distribution is a system, consisting of a Main Distribution Board (MDB), Sub Main Distribution Boards (SMDBs) and Final Distribution Boards, by which the electrical energy is transmitted via branches to reach the exact end user.



An MDB is a panel or enclosure that houses the fuses, circuit breakers and ground leakage protection units where the electrical energy, which is used to distribute electrical power to numerous individual circuits or consumer points, is taken in from the transformer or an upstream panel.



An MDB typically has a single or multiple incoming power sources and includes main circuit breakers and residual current or earth leakage protection devices. A MDB is comprised of a free standing enclosure, a bus bar system, MCCB's, metering and support equipments and required current transformers. Panels are assembled in a systematic manner such as incomer section and outgoing section.





Key features of Main Distribution Boards:

Fully type tested assemblies as per IEC 61439-1

Rated up to 6000A

Rated operating voltage up to 690V

Designed for both withdraw able & fixed versions

Ample cabling space for easy connections

Top and bottom cable entry.

Panels for front or rear access to suit application

Index of protection : IP 31 & IP 54

Wall / Floor mounting

Maximum safety & reliability

Customized design to meet end user requirement

ATS panels

ATS panels (or automatic transfer switch panels) are used in combination with standby generators to automate the switch between the mains power source and a generator in a blackout. An ATS panel ensures that you do not have to manually switch to an alternative power supply, such as a backup generator in the event of a power outage. An ATS will automatically switch to another power and an ATS panel ensures that a generator doesn't require manual operation. When combined with a UPS (Uninterruptible Power Supplies) there will be a seamless supply of power as the UPS will bridge the gap in power whilst the generator starts up, reducing the risk of data loss, damage to electrical equipment, or any disruption to a business or facility. Without a UPS, there will be approx a 15 second delay in power as the generator starts up. The ATS panel monitors the incoming AC mains supply so that, should there be a blackout, the electrical load is transferred to the standby generator.



An automatic transfer switch or manual transfer panel is installed as part of any generator project where there is a mains supply.

The benefit of an automatic transfer panel system over a manual system is the ATS panel moves the electrical load without any manual process, reducing downtime. In the event of a power outage the transfer switch automatically switches its incoming power supply from the mains to the generator, triggering the generator to start up. The generator is ready to take load within approx. 15 seconds.

Without ATS switches, organisations would have to manually change over from mains to the generator and therefore suffer a longer break in electricity and depend on personnel being available to carry out this task. An automatic transfer switch panel will eliminate this need for a manual change

Three Phase AVR (3KVA)

Key Features

AVR (TNS) three phase motor type fully automatic voltage regulator consist of a contact voltage regulator, servo electromotor and auto-control circuit as well, auto-sampling circuit sending out signal so that to run servo motor, and to adjust the position of carbon brush, it will ensure output voltage steady operations.

Application

A voltage regulator /Stabilizer designed to automatically maintain a constant voltage level; Single/three phase compensated voltage stabilizer is a contact adjustable automatic voltage compensation high power regulating power device. When voltage from support network is varied due to loading current effected, it automatically regulates the output voltage to ensure the normal function of the varied of electrical & electronic equipments



This series can be widely used in industry, agriculture, transportation, post and telecommunications, military, railway, scientific, cultural and other fields of printing equipment, metal processing equipment, production lines, engineering equipment, elevators, medical equipment, computer room, computer control equipment, embroidery, textile equipment, air conditioning, radio and television, hotel and household appliances lighting need to be regulated

Main Features

1. Large capacity, high precision
2. Adopted compensate voltage technology
3. Wide input voltage range
4. Over voltage protection
5. Output voltage three phase auto-balance (individual control)
6. With bypass system



Fire alarm control panels

Fire alarm control panels (FACP) act as the main hub for fire suppression systems. Each alarm control panel is different and can serve a variety of life-saving functions. While each building's main fire alarm control panel may differ in functionality, they all act as the liaison between fire protection devices that monitor for hazards and devices that alert people to a problem.

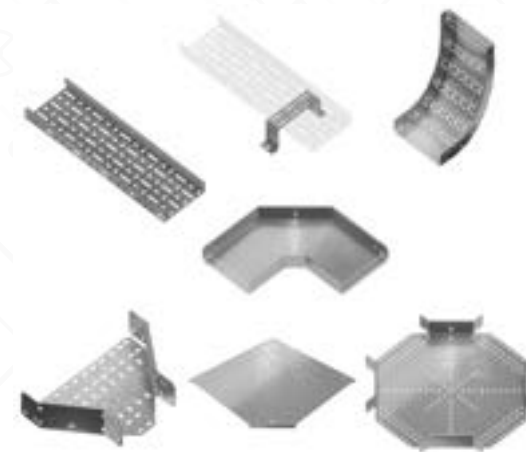
Once a fire alarm panel is notified of a problem, it activates a variety of features to alert occupants and emergency services.

There are two main types of fire alarm panels: conventional panels and addressable panels. Conventional fire control panels work by being installed in zones and they detect changes in electrical currents. When a smoke detector responds after detecting smoke, it will change its electrical current as it begins to sound. The conventional fire control panel then sets off an alarm.

Addressable fire protection panels use a more advanced type of technology and can be programmed much more specifically. Each connected device has its own address which makes it fast and simple to determine where the signal is coming from.

1. An alarm signal indicates a possible fire and activates audio and visual alarms while notifying authorities.
2. A supervisory signal alerts building staff to an issue that may prevent the alarm system from working properly.
3. A trouble signal is a warning that there is an issue with wiring, a battery, or the panel's communication system.

FACPs are typically located near the front door or in an enclosed room with additional annunciators present to make sure the panel is heard (while installation guidelines for them follow local codes). When there's a fire, seconds matter. Fire alarm panels enable staff and firefighters to quickly determine where there may be trouble so that they can respond as quickly as possible to minimize loss.



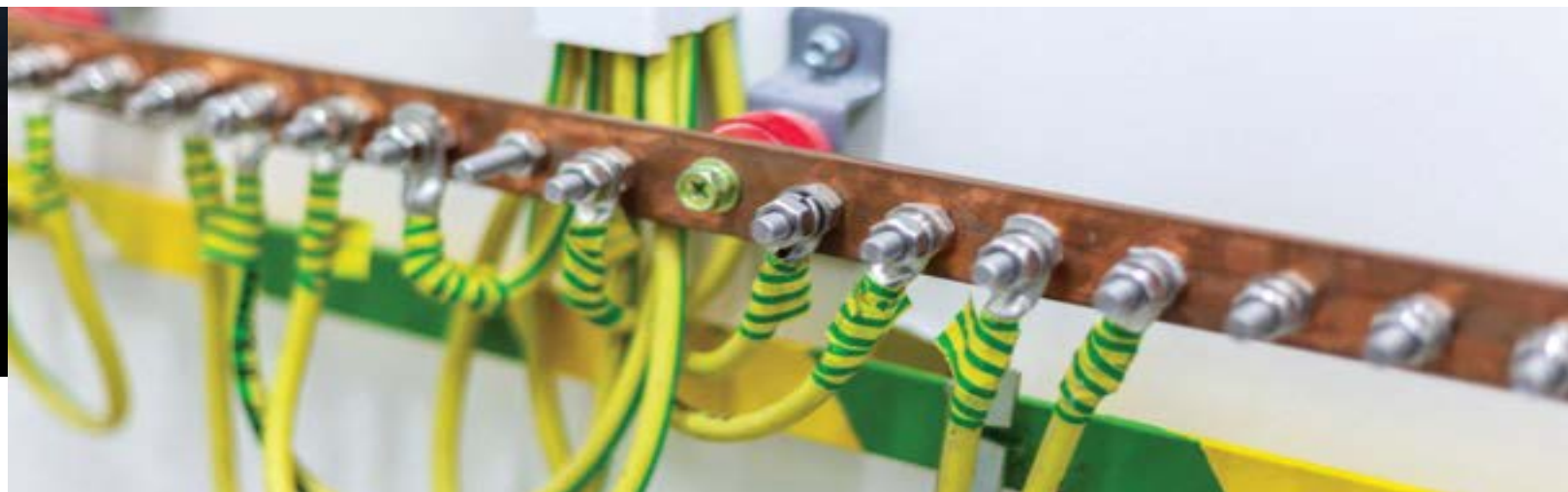
In the electrical wiring of buildings or industry, a cable tray system is used to support insulated electrical cables used for power distribution, control, and communication. Cable trays are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction. They are especially useful in situations where changes to a wiring system are anticipated, since new cables can be installed by laying them in the tray, instead of pulling them through a pipe.

According to the National Electrical Code standard a cable tray is a unit or assembly of units or sections and associated fittings forming a rigid structural system used to securely fasten or support cables and raceways.

According to The Cable Tray Institute, an association of companies involved in the development of cable-tray systems, 9 inches is the most common rung spacing for ladder cable tray, which may be used to support all sizes of cables.

Cable trays are made of either steel, aluminum or fiber reinforced plastic (FRP) and are available in six basic types-

- Ladder Type Cable Tray.
- Solid Bottom Cable Tray.
- Trough Cable Tray.
- Channel Cable Tray.
- Wire Mesh Cable Tray.
- Single Rail Cable Tray.



What is Lightning Arrester?

Lightning arresters come in a variety of unique varieties. Depending on the type, lightning arresters have different architectural designs, but the basic idea behind how they work is constant. It offers surges moving towards the ground a low-resistance route. This arrester's main objective is to protect the equipment from the elements. Examples of lightning arresters include metal oxide, electrolyte, spheres, horns, multi-gap structures, and rods.

Types of Lightning Arrester Conventional Spike Lightning Arrester



Veraizen Earthing is a leading Conventional Spike Lightning Arrester manufacturer in India. An innovative device that is built on global technology and provides greater oxidation resistance is the spike lightning arrester.

ESE Lightning Arrester

Veraizen Earthing are leading ESE Lightning Arrester manufacturers in Mumbai India. These components are generally used to provide data on the number of lightning strikes that our lightning protection system has safely discharged. Our products are made with premium raw materials and are manufactured with the requirements and demands of our customers in mind.

Specifications

Veraizen Earthing is India's top well-known Lightning Arrester Manufacturer. Lightning arresters come with unique varieties. Depending on the type, lightning arrester have different architectural designs, but the basic idea behind how they work is constant. We offer various-sized Lightning Arrester Manufacturer, This arrester's main objective is to protect the equipment from the elements.

In order to keep up our enviable position in this industry, we provide a wide variety of conventional lightning protection spikes. It uses state-of-the-art construction techniques to equally grind lightning currents into the ground while offering a secure path for their movement. The primary function of the ESE Active Lightning Protection System installed on the existing structure is to safely transfer discharge electricity from a lightning strike to the ground. The only defence against direct lightning hits, though, is occasionally the active lightning system. Examples of lightning arrester include metal oxide, electrolyte, spheres, horns, multi-gap structures, and rods. We offer various-sized Conventional Spike Lightning Arrester.

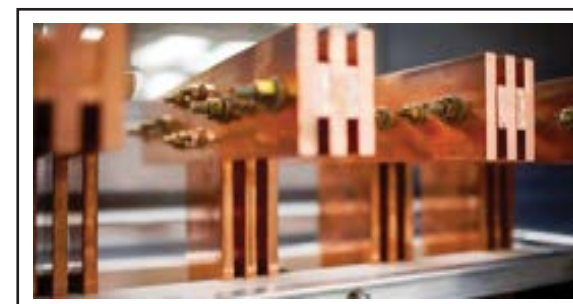
Our products are manufactured using the highest-quality raw materials, and we are the leading ESE Lightning Arrester in Mumbai, India.

Product page: Lightning Arresters manufacturer

Other products: Conventional Spike Lightning Arrester & ESE Lightning Arrester

Busbar

A busbar is an electrical junction used for collecting electric power from the incoming feeders and distributes them to the outgoing feeders. The main purpose of a busbar is to carry electricity and distribute it. Busbars are used to make the systems more efficient.





Earthing, also known as Grounding, is the process of connecting electrical systems, equipment, and devices to the ground (the Earth) to ensure safety and proper functionality in electrical installations. Earthing involves establishing a conductive path from the electrical system to the Earth's conductive surface through grounding electrodes, conductive wires, and grounding conductors.

In other words, connecting the metallic (conductive) parts of an electric appliance or installation to the earth (ground) is known as Grounding or Earthing. The earthing or grounding system involves connecting the metallic components of electric machinery and devices to an earth plate (ground rod) or earth electrode via an earth lead (grounding conductor) buried in moist soil. This connection is established using a thick copper conductor wire with very low resistance for safety reasons.

Earthing, or grounding, is the process of connecting parts of electrical apparatus, such as metallic coverings and the earth terminals of socket cables, as well as stay wires that do not carry current, to the earth. Additionally, earthing involves connecting the neutral point of a power supply system to the earth to minimize the risk of danger during the discharge of electrical energy.

Note: As the terms Earthing and Grounding are used interchangeably, we will use both in the context of NEC and IEC for better understanding. Follow the local area codes such as NEC 250.52(A), 250.53, 250.66 250.122, IEC/BS EN 62561-2 and IEC (62305-3), BS-EN and IEEE standards related to the grounding and earthing)

Types of Earthing

Now you have got to know what is meant by Earthing, but let's see what are the types of earthing.

Pipe Earthing

In India, pipe earthing is a popular method of connecting to the electrical conductors of the earth by use of a steel pipe. The amount of soil moisture and the strength of the current effect the iron pipe's size. The depth at which the steel pipe is to be installed depends on the moisture content of the soil.

Plate Earthing

An earthing plate consisting of copper or G.I. is buried into the ground during plate earthing at a depth greater than 3 meters below ground level. A different layer of coke and salts surrounds this earthing plate.

Additionally, earthing can make lightning protection systems better. Static charges and stray current mishaps can be avoided by plate earthing. In order to meet the earthing safety criteria for the electrical substation, it protects systems like central communication, electronic, and AC power systems.

Mat Earthing

It joins vertical and horizontal electrodes; the horizontal electrode discharges current produced by a large fault into the earth, while the vertical electrode represses it. To improve safety against touch and step potential, an Earth Mat is a mesh made of bare metallic conductors that are buried in shallow soil. Earth mats are a component of the grounding system used in industrial regions, substations, and other locations with significant power handling.

Stripe Earthing

Strip earthing creates a channel that makes it simple for current to pass from broken electrical devices to the ground. The strips are further protected from the soil's corrosive properties by a layer of high-quality insulating material. Therefore, utilizing the strip earthing approach, all electrical appliances should be grounded for safety reasons.

The earth stripping procedure is used to ground current primarily using copper strips. Copper earthing strips last longer and provide superior voltage transient protection because they are so resistant to corrosion.

Marconite Earthing

The safest earthing method, known as marconite earthing, uses low-resistant copper earth electrodes that are especially created to provide solar power plants with an earthing system of the highest caliber. It is a dark grey substance that is combined with cement and water to create an earthing system that is secure and safe.

Type of earthing in substation

An electrical power system component called a substation has the ability to change the voltage from high to low or from low to high. This aids in the system's power transmission, distribution, and shut-off. A power transformer, insulator, circuit breaker, bus bar, lightning arrester, and lightning arrester are some of the essential parts of an electric substation.

Substations are categorized according to how much power they can transfer, and these categories include switchyards, customer substations, system stations, step-up substations, step-down substations, distribution-type transformers, underground distribution-type substations, and step-up substations.

Type of grounding system

Ungrounded Systems

Resistance Grounded Systems

Solidly Grounded Systems



Cable Joints

As their name suggests, their role is to maintain the continuity of electrical cables over long lengths by joining them and thus, enable the transmission of electricity. Cable joints have to fit precisely and be robust enough to withstand factors like adverse weather conditions, current carrying capacity, connection voltage drop and compatibility of materials.

Cable joints can be of different types depending on the following factors -



Voltage - Voltage dictates if the cable joints are going to be of high, medium, or low voltage levels. The voltage level of the cable joint has to be of the same level as the cable. If the capacity of the cable joint is lower than that of the cable, then it will not work due to the high current carrying capacity and over voltage.

Insulation - The insulation of the cable joint has to be compatible with the insulation of the cable for the jointed cables to work properly. Depending upon the purpose of the cable and its insulation, cable joints can be either cold or heat shrinkable.

Cores - Cables can have single or a number of insulated cores. Cable joints need to have the same number of cores to work with the cables.

Structure - The manner in which cables need to be connected also determines the kind of cable joints that will be used. For example, if two cables are to be connected at a single point then a straight through joint will be used. If the main cable has to be branched, then appropriate branch cable connectors will be used. Structure-wise, cable joints can be straight through, T or Y-shaped, pot ended or with indoor or outdoor terminations.

we make heat shrinkable cable joints, cold shrinkable cable joints, pre-moulded cable joints, heat shrinkable cable terminations, cold shrinkable cable terminations, pre-moulded cable terminations and screened separable connectors.

Our range includes armoured, unarmoured, straight through and trifurcating heat shrink cable joints for up to 72.5kV capacity. Our cold shrink cable straight joints are suitable for 1 & 3 core polymeric insulated cables up to 36kV. Our pre-moulded (push on/slip-on) straight through joints work perfectly well for polymeric insulated cables up to 36kV.

Our range of heat shrink cable terminations can manage loads from 1kV to 72.5kV. Our cold shrink cable terminations are suitable for 1 & 3 Core Polymeric Insulated cables of up to 36kV. Our pre-moulded (Push On/Slip On) cable terminations can be used safely for polymeric insulated cables of up to 36kV.

Our Screened Separable Connectors are designed to connect single and three core polymeric cables to medium voltage switchgear, RMU and other equipment using bushings type "C" specified for 250A, 400A, and 630A up to 24kV.



The quality
you can trust

**MACHINERY
PART**

Machine Profile

Press Brake is the machine that is specially used for bending sheet metal. The capability of the machines is significant by the two factors: The overall bending length and their capacity to bend metal. The press brake is narrow and long in size so that any size of sheet metal can be bent easily. By lowering a punch into sheet metal that has been positioned on top of a die, a press brake bends sheet metal. A press brake may bend the metal multiple times until it reaches the required shape

Hydraulic PressBrake Machine C/W STD Tooling
Brand: GMS, Model: APB 37200
Capacity - 220Tons(US), Bending Length - 3680mm
Maximum Thickness - 10mm



Hydraulic PressBrake Machine C/W STD Tooling
Brand: GMS, Model: APB 3060
Capacity - 60Tons(US), Bending Length - 3100mm
Maximum Thickness - 4mm



Hydraulic shearing machine

The Hydraulic shearing machine is the main machine for shearing, which can greatly improve the efficiency of processing. A shearing machine is a machine that uses one blade to reciprocate linear motion relative to the other blade to cut the plate. With the help of the moving upper blade and the fixed lower blade, a reasonable blade gap is used to apply shearing force to the metal plates of various thicknesses, so that the plates are broken and separated according to the required size. A Shearing machine is a kind of forging machinery, and its main function is in the metal processing industry. Products are widely used in aviation, light industry, metallurgy, chemical industry, construction, ships, automobiles, electric power, electrical appliances, decoration, and other industries to provide the required special machinery and complete sets of equipment.

Hydraulic Guillotine Shear PressBrake Machine
C/W STD Accessories

Brand: GMS, Model: GMV 3010, Capacity : Cutting
Length - 3050mm, Maximum Thickness - 12mm



Gas cutting machine is used as a shape cutting machine. It uses the repetitive cutting process. This pattern gas cutting machine is automatic and can cut to any shape with accuracy. Profile cutting machines can cut the manual process

Portable Automatic Gas Shape Cutting Machine with Accessories Brand: Chiydoa (Japan) Model: VIC - 22	
Hydraulic Pipe Bending Machine. Brand : Auton (New Zeland), Model : 25 TON Bulldozer Electrically Driven Hydraulic Pipe Bending Machine C/W Bending Tool Post & Tubing Bending Former.	
Notcher with Tab blades. Brand: Tennsmith (USA) Model: 16.18	
Manually operated bending roller with stand. Brand: Scantool (Denmark) Model: MBR 1270 X 1.5	
Complete Powder Coating System C/W Spray Booth 2000 X 4000 mm, Batch Type Curing Oven 2800 X 4500 mm and Auto Adjustable Painting Gun.	
Perforated Metal Machine	

Mechanical Ball Press Maximum Capacity - 250mm, Thickness – 4mm	
Bench Drill Machine Spindle Size – 3-4, Adjustable Table,	
Air Compressor, Belt Driven Brand: FINI (Italy)	
MIG Welding Machine With CO2 Regulator And 3 Phase MIG Gun, Brand: Esseti (Italy)	
Load Bank	

Mechanical, Electrical Works & Materials Supplies (Local & LC) of Power Plant, Generator, Boiler, EGB, Chiller, Air Compressor, Ducting, Canopy (Generator & Room), Generator Exhaust Supper Silencer, LT, HT, Utility Panel manufacturer & supply. Also cutting, rolling, vaz, powder coating service providing in own factory.



Photo Gallery

Photo Gallery

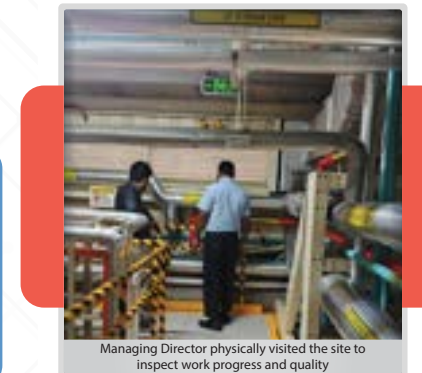
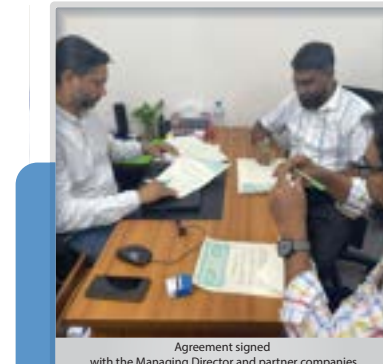
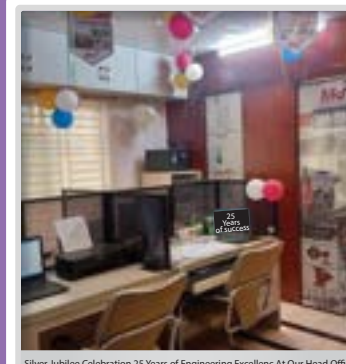


Photo Gallery



Award & Employee Engagement

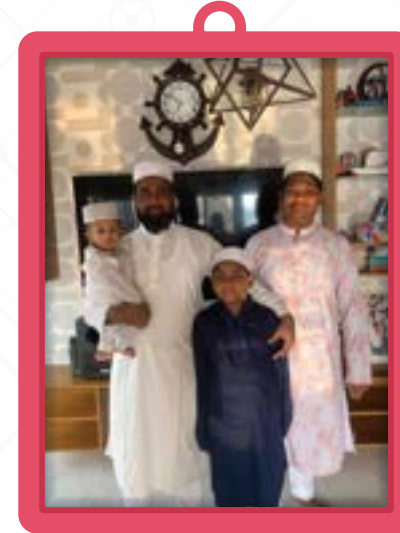


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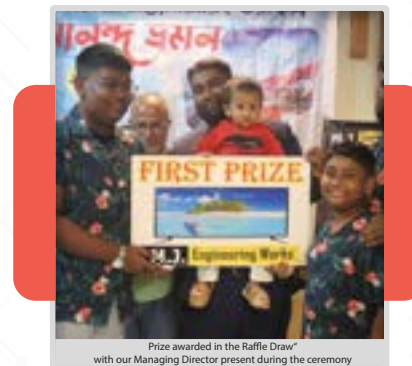
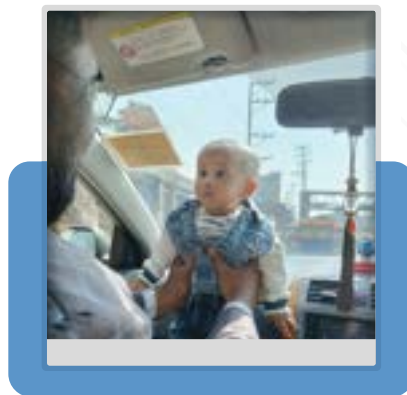
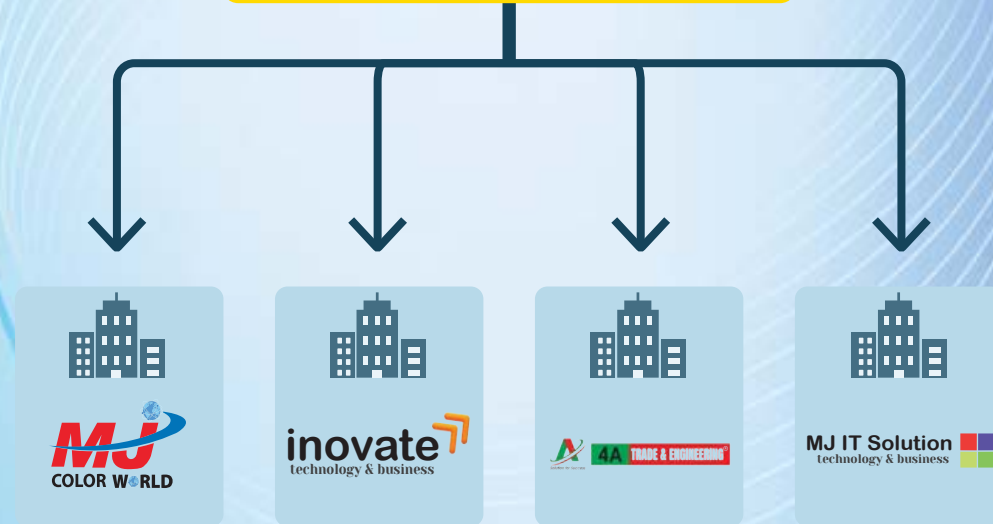


Photo Gallery



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পাশে আছি সবসময়



MJ GROUP

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Design Your Power Station
বুয়েট সার্টিফাইড কোম্পানি

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COLOR WORLD

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+8802224446880



**এম জে
কালার ওয়ার্ল্ড**
প্রযুক্তির ছোঁয়ায় আধুনিক প্রিন্টিং

mjcolorworld2025@gmail.com

সি-৩১/২ স্মরণিকা আবাসিক এলাকা সাভার,
ঢাকা ১৩৪০, বাংলাদেশ

Welcome
to MJ Family

MJ Engineering
Works

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MJ Engineering Works
Design your power station



MJ Color World

প্রযুক্তির ছায়ায় আধুনিক প্রিন্টিং

- >> Crest | Mug | T-Shirt Print
- >> ID Card | Ribbon Print
- >> Safety & Industrial Signs
- >> UV | Digital | Label Printing
- >> Office & Gift Items
- >> Any kind of Printing

inovate
technology & business

Design Idea, Develop System &
Deliver Transformation

Our Services



ব্রিফ মার্টিফাইড কোম্পানি

>> Erection & Fabrication
Works for

- Power Plant | Boiler | Generator | EGB
- Air Conditioning | Motor Rewinding
- Mechanical & Electrical Contractor

>> Supplier of all kind of
Mechanical Materials

- Generator Residential Exhaust Muffler
- Cooling Tower Infill | Tank | Cable Tray | Tee
- Pipe | Elbow | Flange | Reducer | Valve | etc

>> Supplier of all kind of
Electrical Materials

- HT Panel | LT Panel
- Utility Panel
- PFI | ATS | etc

MJ IT Solution
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4A TRADE & ENGINEERING

প্রযুক্তির ছোঁয়ায় আধুনিক প্রিন্টিং
এম জে কালার ওয়ার্ল্ড
এখন

সবার শীর্ষে



আমাদের সেবা সমূহ

- | | | | | | |
|---|--|---|--|--|--|
| চাবির রিং
☑ কাঠের
☑ একত্রিক | প্রিন্টেড মগ
☑ সিরামিক
☑ ডিজিটাল | আইটি গিফটস
☑ পেনড্রাইভ
☑ মাউসপ্যাড | কর্পোরেট আইটেম
☑ নেমপ্লেট
☑ ক্রেস্ট | ড্রিংকওয়ের
☑ ওয়াটার বোতল
☑ থার্মাল ফ্লাস্ক | ব্যাগস
☑ জুট ব্যাগ, টিস্যু ব্যাগ
☑ স্কুল ব্যাগ, ল্যাপটপ ব্যাগ |
| হোম গিফটস
☑ টি-শার্ট, জার্সি
☑ পলো, হুডি
☑ ক্যাপ, মাস্ক | ইন্ডাস্ট্রিয়াল সাইন
☑ সেফটি সাইন
☑ তথ্য মূলক সাইন
☑ সতর্কতা মূলক সাইন
☑ বাধ্যতামূলক সাইন | বিশেষ সেবা
☑ এস.এস.এস সহ সকল মেটাল
☑ পি ভি সি সহ সকল বোর্ড
☑ সব ধরনের গ্লাস & সিরামিক (টাইলস)
☑ গ্যামেন্টস এক্সপোজিচার : শিপিং মার্ক, অ্যারো মার্ক, বার কোর্ড, স্যাজ কার্ড, ব্যাচ কার্ড এর স্টিকার করা হয় | স্টেশনারি
☑ নোটবুক
☑ ডায়েরি
☑ কলম | অফিস আইটেম
☑ আইডি কার্ড, রিবন
☑ ফোল্ডার, পেন হোল্ডার
☑ পেপার ওয়েট | |



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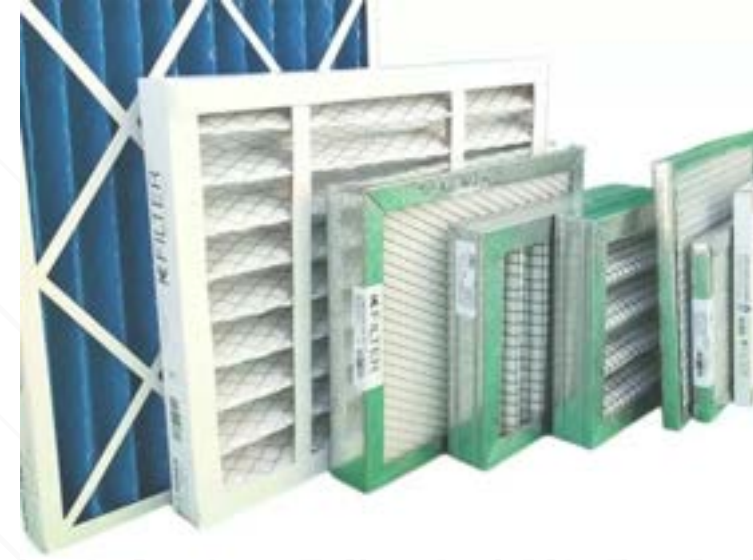
কোয়ালিটি তে নাম্বার ১



পাশে আছি সবসময়

mjengineeringbd.com

MJ ENGINEERING PRESENT'S



Pre-Filter (প্রি-ফিল্টার)

- সাধারণত প্রথম স্তরের ফিল্টার
- ধূলা, ময়লা, পোকা-মাকড়, বড় কণা রোধ করে
- Efficiency: G1-G4 / 30% পর্যন্ত
- সহজে পরিষ্কার করা যায় (washable)



AHU (Air Handling Unit)-এ বায়ু পরিশোধনের জন্য বিভিন্ন ধরনের ফিল্টার ব্যবহৃত হয়। এগুলো ধূলা, ময়লা, গন্ধ, ব্যাকটেরিয়া ও ক্ষতিকর কণা দূর করে বাতাসকে পরিষ্কার রাখে। সাধারণত ২ বা ৩ স্তরের ফিল্টার সিস্টেম থাকে।



Fine Filter / Secondary Filter (ফাইন বা সেকেন্ডারি ফিল্টার)

- দ্বিতীয় স্তরের ফিল্টার
- ছোট ধূলিকণা, অ্যালার্জেন, PM10 এবং PM2.5 পর্যন্ত কণা রোধ করে
- Efficiency: F5-F9 (80-90%)
- অফিস, হাসপাতাল, শপিং মলে ব্যবহৃত

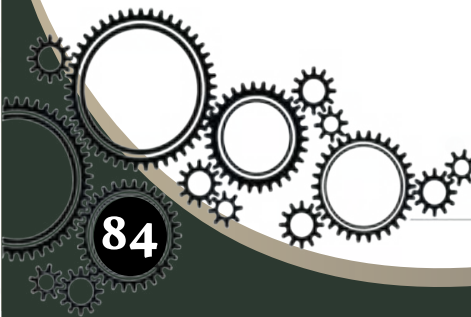
HEPA Filter (হেপা ফিল্টার)

- High Efficiency Particulate Air
- খুব ছোট কণা, ব্যাকটেরিয়া, ভাইরাস রোধ করে
- Efficiency: 99.97% (0.3 micron পর্যন্ত)
- Clean room, hospital OT, pharmaceutical factory-তে ব্যবহৃত



HEPA Filters

IQSdirectory.com





Carbon Filter (কার্বন ফিল্টার)

- গন্ধ, গ্যাস, VOC (chemical fumes) দূর করে
- Activated carbon দিয়ে তৈরি
- ল্যাব, হাসপাতাল, কেমিক্যাল এরিয়ায় ব্যবহৃত

Bag Filter (ব্যাগ ফিল্টার)

- কাপড় জাতীয় ব্যাগ আকৃতির ফিল্টার
- বড় পরিমাণে ধুলা ধরে রাখতে পারে
- Efficiency: 80–95%
- মল, মার্কেট, ফ্যাক্টরি AHU-তে ব্যবহৃত



Panel Filter (প্যানেল ফিল্টার)

- সাধারণত প্রি-ফিল্টার হিসেবে ব্যবহৃত
- Metal/Aluminium frame থাকে
- Low to medium efficiency



Spin-on Filter-এর কাজ ও ব্যবহার সংক্ষেপে নিচে দেওয়া হলো:

কাজ: এটি ইঞ্জিনের অয়েল বা তেল থেকে ময়লা ও ধাতব কণা ছেঁকে পরিষ্কার রাখে।
এর ফলে ইঞ্জিনের ভেতরের যন্ত্রাংশের ঘর্ষণ কম হয় এবং ইঞ্জিন দীর্ঘস্থায়ী হয়।
ব্যবহার: এটি মূলত কার, বাস, ট্রাক এবং মোটরসাইকেলের ইঞ্জিনে ব্যবহার করা হয়।
এছাড়া জেনারেটর এবং বিভিন্ন ইন্ডাস্ট্রিয়াল মেশিনারিতেও এর ব্যাপক ব্যবহার রয়েছে।



Tube Filter (Spin-on & Cartridge)

ইঞ্জিনি লুব্রিকেশন ও প্রটেকশন ইউনিট
ইঞ্জিনি ব্লকরে অয়েলে অ্যাডাপ্টার বা ফিল্টার হাউজিং-এ install করা হয়।
ব্যবহার: ট্রাক (Truck), হভেডিউটিট্রান্সপোর্ট, জেনারেটর এবং ইন্ডাস্ট্রিয়াল ইঞ্জিনি এলাকা।



Air Filter & Industrial Filters

ইঞ্জিনি এয়ার ইনটকে এবং এয়ার পডিরফিকেশন ইউনিট
ইঞ্জিনিরে এয়ার ফিল্টার বক্স (Air Box) বা ডাকট লাইনে install করা হয়।
ব্যবহার: গাড়ি, ট্রাক, জেনারেটর এবং ফ্যাক্টরি বা কমার্শিয়াল ভবনরে
এয়ার কন্ডিশনিং ও ভেন্টিলেশন এলাকা।



Other Industrial Filter

সাধারণত ২ বা ৩ স্তরের ফিল্টার সিস্টেম থাকে।
ধুলা, ময়লা, পোকা-মাকড়, বড় কণা রোধ করে
সব ধরনের ইন্ডাস্ট্রিয়াল মেশিনারি তে ব্যবহার যোগ্য

