



ADAPT POWER
ENGINEERING



ans Group
www.adaptpowerbd.com

Message of Managing Partner



Bismillahir-Rahmanir Rahim

First of all, many thanks to Almighty Allah for giving me the opportunity to build this organization "**ADAPT POWER ENGINEERING**"

I hope this message finds you all well. As the Managing Partner of our ADAPT POWER ENGINEERING, I wanted to take a moment to highlight the importance of our work and the impact it has on the safety of our communities.

Electro-mechanical is not just a business for us, it is a responsibility we take very seriously. We have a duty to ensure that our clients are equipped with the necessary tools and knowledge to know the systems we work & manage all. Our commitment to excellence in everything we do is what sets us apart from the competition. Our team works tirelessly to provide the highest quality electrical products and services, and we take pride in knowing that we are making a difference in people's lives & proper facilities.

I want to take this opportunity to thank each and every one of you for your hard work and dedication. Your contributions are what make our company great, and we are grateful for your commitment to excellence.

As we continue to grow and evolve, I encourage you to keep pushing the boundaries and striving for excellence. Together, we can make a meaningful impact on the world and make it a safer place for everyone.

I would like to record my thanks to the employees of the company for their dedicated services for the growth of the company.

Thank you all for your continued efforts and dedication

Thank You

Engr. Md. Maruf Hasan

Managing Partner

ADAPT POWER ENGINEERING



ABOUT US

Adapt Power Engineering

Adapt Power Engineering is an electromechanical engineering firms in the Bangladesh. If you are looking for a highly qualified electromechanical engineering firms, **Adapt Power Engineering** has the team that you need to complete your next project.

Client-Focused.

Adapt Power Engineering is an electromechanical engineering firm that prides itself on being client-focused. Our team of electrical engineers and electrical design consultants are committed to designing your project with professionalism and integrity. Our core values have driven our business from the start and are integral to each project we undertake. When you work with **Adapt Power Engineering**, we welcome your feedback and value our relationship with you.

Our Mission, Vision, and Core Values

We are proud to be a purpose-driven company in the service of others. A mission, vision, and set of core values are essential to such a company that is truly devoted to a cause greater than itself. We are excited to share ours here as a commitment to you of our authenticity as well as a means of ensuring that our work is held accountable to these high standards.



SUCCESS

Biz Infographic

04

TEAMWORK

Biz Infographic

02

PLANNING

Biz Infographic

03



adapt engineering

DESIGN & DRAWING OF ELECTRICAL SLD, ELD, INDUSTRIAL ELECTRICAL WIRING/RECTIFY WORKS & ELECTRICAL TEST-IR, ER, THERMO-GRAPHY & TRANSFORMER OIL TEST



ADAPT POWER
ENGINEERING

MANUFACTURE, SALES & SERVICES, INSTALLATION, TESTING, COMMISSIONING OF ELECTRICAL SUB - STATION & POWER PLANT EQUIPMENT, ELECTRICAL PANEL BOARD, BBT, ELECTRICAL CONTRACTOR, INDUSTRIAL ELECTRICAL WIRING/RECTIFY WORKS, SOLAR SYSTEM AND DIESEL GENERATOR AS PER CUSTOMER REQUIREMENTS



NEXTGEN
ENGINEERING BD
Engineering for Solutions

SALES & SERVICES, INSTALLATION, TESTING, COMMISSIONING OF DIESEL GENERATOR AND SPARE PARTS.



Enduring Engineering Solution

SALES & SERVICES, INSTALLATION, TESTING, COMMISSIONING OF INDUSTRIAL VAPOR COMPRESSION CHILLER & HEAT PUMP, ALL TYPE OF INDUSTRIAL CENTRIFUGAL WATER & CHEMICAL PUMP, ALL TYPE OF COOLING TOWER, PLATE HEAT EXCHANGER, HVAC & SPARE PARTS.



SWITCH POWERTRAC
ENGINEERING

MANUFACTURE OF DISTRIBUTION TRANSFORMER.



Corporate Information

Name of Company	:	ADAPT POWER ENGINEERING
Nature of Company	:	Electromechanical Engineering Solutions
Com. Establishment	:	2025 Year.
Registered Address	:	329/1, Senpara Parbata, Mirpur-10, Dhaka-1216
Corporate Address	:	473, Senpara Parbata, Mirpur-10, Dhaka-1216
Factory Address	:	Rajfulbaria, Savar, Dhaka-1347
Website	:	www.adaptpowerbd.com
Email	:	info.adaptpower@gmail.com
Banking Partner	:	Dutch Bangla Bank PLC Islami Bank Bangladesh PLC
Business Partner	:	TS Transformers Ltd. Trade Engineering Advance Tech & Engineering ABB Hyundai Electric DEKO Elektrik
Hot Line	:	+880 1870 474021



Management Team of Adapt Power Engineering



ENGR. MD. MARUF HASAN

B.Sc. Engineer, EEE, WUB

Managing Partner

ENGR. MD. SELIM REZA

B.Sc. Engineer, EEE, WUB

Director Sales

ENGR. MOHAMMODULLAH KHAN (SHOIKAT)

B.Sc. Engineer, EEE, UITS

Director Sales

MD. SHARIFUL ISLAM

Director - Production

MD. ABDUL HAMID

Head of Service

Human Resource Allocation

Corporate	05
Marketing and Sales	10
Design & Drawing	04
Service	20
Production	08



PRODUCTS



MV/LV Sub-station



Distribution Transformer



HT Switchgear



LT Switchgear



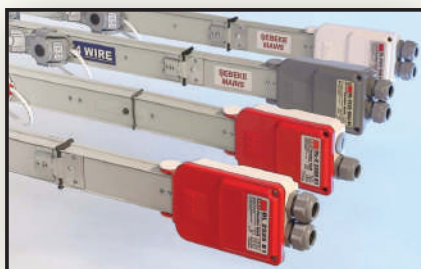
PFI Plant



Electrical Panel Board



Automatic Transfer Switch (ATS)



Busbar Trunking System (BBT)



Instrument Transformer



AUTOMATIC CIRCUIT RECLOSER (ACR)



Lightning Protection System (LPS)



Cable Tray



SERVICES

Design and drawing

SLD

LPS

ELD

Electrical Test

Thermography
Scanning

Insulation
Resistance (IR)

Earth
Resistance (ER)

Transformer
Oil

Servicing



Electrical Sub Station



Distribution Transformer



HT - LT Switchgear



PFI Plant, DB, SDB & ATS



Transformer Oil Centrifuging

General Electrical Works



Electrical Wiring Works



Electrical Rectify Works



LIST OF ELECTRICIAN TOOLS & THEIR USES

SL	Instrument's Name	Quantity	Unit
01	Infrared Thermal Imaging Cameras	02	Pcs.
02	Earth Resistance Tester	02	Pcs.
03	Insulation Resistance Tester	02	Pcs.
04	Cable Marking Machine	02	Pcs.
05	Digital Clamp Multi-meter	08	Pcs.
06	Electric Nut Tightening Machine	02	Pcs.
07	Bench Drill Machine	03	Pcs.
08	Automatic Busbar Bending Machine	01	Pcs.
09	Manual Busbar Bending Machine	03	Pcs.
10	Hammer Drill Machine	08	Pcs.
11	Iron Drill Machine	10	Pcs.
12	Grinding Machine	10	Pcs.
13	Rivet Gun Machine	10	Pcs.
14	Hydraulic Punching Machine 630 RM	04	Set.
15	Hydraulic Punching Machine 300 RM	04	Set.
16	Hand Punching Machine 16 RM	12	Set.
17	Dali Wrench Set	12	Set.
18	Guti Socket Wrench Set	08	Set.
19	Pipe Wrench	20	Pcs.
20	Selai Range	20	Pcs.
21	Star Screwdriver	20	Pcs.
22	Flat Screwdriver	20	Pcs.
23	Cable Cutter	08	Pcs.
24	Cable Stripper	12	Pcs.
25	Combination Pliers	16	Pcs.
26	Nose Pliers	16	Pcs.
27	Matam Scale	10	Pcs.
28	LN Key	08	Set.
29	Scape Folding	04	Set.
30	Lader	10	Pcs.
31	Hacksaw Frame with Blade	12	Pcs.



LIST OF OUR VALUABLE CLIENTS

SL	PROJECT NAME & ADDRESS	WORK DESCRIPTION
1	MIR CEMENT LIMITED. Murapara, Rupganj, Narayanganj. Category: Cement Factory	Installation, Testing & Commissioning of 33/11KV, 18MVA & 11/0.415KV, 2500KVA Electrical Sub-Station, Supply of Electrical Panel Board, Installation & Commissioning of 85 Sets. Electrical Panel Board, Electrical Wiring, 50+ Thousand Meter Cable Laying, Cable tray Fittings.
2	VIRTUAL BOTTOMS LTD. Jamgora, Ashulia, Savar, Dhaka. Category: RMG Garments Factory	Design & Drawing of SLD, Electrical Wiring, Electrical Rectify Work, Supply & Installation of 12 Sets. Electrical Panel Board, Servicing of 11/0.415KV, 1000KVA Electrical Sub-Station, Supply & Installation of 1600A LT Switchgear, Cable Tray Fittings, Cable Laying Works. Electrical Test (ER, IR, Thermography), Transformer Oil Centrifuging, Transformer Oil Test with CERS Report.
3	VIRTUAL KNIT AND LEISUREWEAR LTD. Plot No. – 11,12,13, Karamtola, Pubail, Gazipur. Category: RMG Garments Factory	Design & Drawing of SLD, Drawign & Design of LPS, Supply & Installation of LPS, Electrical Rectify Work, Supply & Installation of 08 Sets. Electrical Panel Board, Cable Tray Fittings, Cable Laying Works. Electrical Test (ER, IR, Thermography).
4	EAST COST KNIT WEAR (PVT.) LTD. Takkarmath, Fatullah, Narayanganj. Category: RMG Garments Factory	Design & Drawing of SLD, Design & Drawing of LPS, Electrical Rectify Work, Supply & Installation of 10 Sets. Electrical Panel Board, Cable Tray Fittings, Cable Laying Works. Electrical Test (ER, IR, Thermography).
5	SUMA STEEL & RE-ROLLING MILLS LTD. 299 Nondolalpur, Narayanganj. Category: Steel Factory	Supply, Installation, Testing & Commissioning of 11/0.415KV, 1500KVA Electrical Sub-Station.
6	OSMAN GARMENTS LTD. Kayempur, Fatullah, Narayanganj. Category: RMG Garments Factory	Design & Drawing of SLD, Electrical Rectify Work, Cable Tray Fittings, Cable Laying Works. Electrical Test (ER, IR, Thermography).
7	FASHION RUNWAY CO. LTD. Baniarchala, Bagher Bazar, Gazipur. Category: RMG Garments Factory	Design & Drawing of SLD, Supply & Installation of 11/0.415KV, 630KVA Electrical Sub-Station, Electrical Wiring, Supply & Installation of 09 Sets. Electrical Panel Board. Cable Laying Works.
8	SAKURA DYEING & GARMENTS LTD. Kutubail, Fatullah, Narayanganj. Category: RMG Garments Factory	Design & Drawing of SLD, Design & Drawing, Supply and Installation of LPS, Supply of 03 Sets. Electrical Panel, Electrical Rectify Work Consultancy, Electrical Test (ER, IR, Thermography), Transformer Oil Test.
9	SB STYLE COMPOSITE LTD. Delpara, Fatullah, Narayanganj. Category: RMG Garments Factory	Design & Drawing of SLD, Design & Drawing of LPS, Supply & Installation of LPS, Electrical Test (ER, IR, Thermography).
10	BRITANNIA LABEL BD. LTD. Jaigir, Dollah Bazar, Singair, Manikgonj, Category: Packaging Factory	Supply & Installation of 02 Sets. Electrical Panel Board, Supply & Fittings of Cable Tray. Power Cable Laying Work.
11	TEMAKAW FASHION LIMITED. 808/1, Shewrapara, Mirpur, Dhaka-1216. Category: RMG Garments Factory	Design & Drawing of SLD, Supply of 800A LT Switchgear, Servicing of 11/0.415KV, 500KVA Electrical Sub-Station.
12	SANTA KNIT FASHION (PVT.) LTD. East Isdair, Fatullah Narayanganj. Category: RMG Garments Factory	Design & Drawing of SLD, Design & Drawing of LPS, Electrical Rectify Work Consultancy, Servicing of 480KVAR PFI Plant.
13	BESTA APPARELS 666/1, Gacha, National University, Gazipur Category: RMG Garments Factory	Design & Drawing of SLD, Servicing of 11/0.415KV, 1250KVA Electrical Sub-Station, Transformer Oil Centrifuging, Transformer Oil Test with CERS Report. Electrical Test (ER, IR, Thermography).
14	T-DESIGN SWEATERS LTD. Jarun, Konabari, Gazipur. Category: RMG Garments Factory	Design & Drawing of SLD, Design & Drawing of LPS, Electrical Test (IR, ER, Thermography), Transformer Oil Test with CERS Report.



LIST OF OUR VALUABLE CLIENTS

SL	PROJECT NAME & ADDRESS	WORK DESCRIPTION
15	PINAKI GROUP/ A.G. DRESSES LTD. 29 Garib-E-Newaz Avenue, Sector-11, Uttara, Dhaka-1230 Category: RMG Garments Factory	Design & Drawing of Electrical Single Line Diagram - SLD.
16	YOGOTEX FABRICS CO. LTD. Plot No. 142-149 & 157-164, Cumilla EPZ, Cumilla. Category: RMG Garments Factory	Design & Drawing of Electrical Single Line Diagram - SLD, Electrical Test (IR, ER, Thermography)
17	BANKERS BUILDING House-28, Road-4, Shekhertek, Mohammadpur, Dhaka Category: Residential Building	Supply & Installation of 11/0.415KV, 150KVA Electrical Sub-Station.
18	DOCKYARD & ENGINEERING LTD. Sonakanda, Bandar, Narayanganj Category: Bangladesh Navy	Supply of 01 Set. 415V, 50Hz, 400A, ATS Panel, 01 Sets. 415V, 50Hz, 50KVAR PFI Plant & 03 Pcs. 200/5A LV Current Transformer - CT.
19	DLL BISMILLAH HEIGHTS House – B/177, Road - 23, Mohakhali DOHS, Mohakhali, Dhaka. Category: Residential Building	Supply & Installation of 11/0.415KV, 150KVA Electrical Sub-Station.
20	SWAPNO NAGAR PROPERTIES. House: 548, Road: 09, Block: E, Bashundhara Residential Area, Dhaka-1229 Category: Builders Company	Supply & Installation of 11/0.415KV, 200KVA Electrical Sub-Station.
21	MEHERPUR BUILDERS LTD. 728, West Shewrapara, Mirpur, Dhaka-1216 Category: Builders Company	Supply & Installation of 01 Sets. 62.5KVA & 01 Sets. 40KVA Diesel Generator.
22	DHAKA NEW SUPER MARKET (S. BHABAN) Dhaka New Market, Dhaka-1205 Category: Market Bhaban	Supply & Installation of 16 Sets. Electrical Panel Board, Electrical Wiring Work, Cable Tray Fittings, 18+ Thousand Meter Cable Laying, 04 Sets. Earthing.
23	SCOUT BHABAN Kakrail, Dhaka Category: Gov. Institute	Servicing of 11/0.415KV, 1250KVA Electrical Sub-Station, 160 Meter HT Cable Laying, 15 Sets. Earthing.
24	PURNOTA AGRO FOOD INDUSTRIES Dasuria Mor, Ishwardi, Pabna. Category: Agro Industry	Supply & Installation of 1 Sets. 11KV, 50Hz, 630A HT Switchgear - VCB
25	SAFARI WASHING PLANT. Dhour ,Turag, Dhaka-1230 Category: RMG Garments Factory	Servicing of 11/0.415KV, 250KVA Electrical Sub-Station.
26	KAWSAR HOSSAIN GONG. House-13, Road-5, Rupnagor, Mirpur. Category: Residential Building	Servicing of 11/0.415KV, 150KVA Electrical Sub-Station.
27	MA NARGIS APPARELS Rupganj, Narayanganj Category: RMG Garments Factory	Design & Drawing of Electrical Single Line Diagram – SLD, ELD, LPS
28	KNIT MEN COMPOSITE LIMITED B-139, BSCIC I/A, Shasongaon, Fatullah, Narayanganj-1420 Category: RMG Garments Factory	Electrical Test (IR, ER, Thermography), Transformer Oil Test with CERS Test report.



LIST OF OUR VALUABLE CLIENTS

SL	PROJECT NAME & ADDRESS	WORK DESCRIPTION
29	AMIN DYEING KNITING & FINISHING MILLS Dapa Idrakpur, Union Porishod road, Fatullah, Narayanganj. <i>Category: RMG Garments Factory</i>	Supply & Installation of 11/0.415KV, 315KVA Electrical Sub-Station.
30	UNITED KNIT WEARS (PVT.) LTD. Shiddirganj, Narayanganj-1400 <i>Category: RMG Garments Factory</i>	Electrical Test (IR, ER, Thermography), Transformer Oil Test with CERS Test report.
31	GREEN CITY CENTER 58, Satmasjid Road, Dhaka-1209 <i>Category: Commercial Building</i>	Servicing of 11/0.415KV, 630KVA Electrical Sub-Station.
32	S.B. KNIT COMPOSITE (DYEING & PRINTING) Delpara, Fatullah, Narayanganj. <i>Category: RMG Garments Factory</i>	Design & Drawing of Electrical Single Line Diagram - SLD, Design & Drawing of LPS. Rectify work of LPS. Electrical Test (IR, ER, Thermography).
33	BISMILLAH TOWER Noyanogor, Turag, Dhaka. <i>Category: Residential Building</i>	Supply of 46 Set. Electrical Panel - FDB.
34	S.B. KNIT COMPOSITE (ETP & SEWING) Jaigir, Dollah Bazar, Singair, Manikgonj, <i>Category: RMG Garments Factory</i>	Design & Drawing of Electrical Single Line Diagram - SLD, Design & Drawing, Supply and Installation of LPS. Electrical Test (IR, ER, Thermography).
35	AMENA HOUSE House-26/A, Road-31, Gulshan-1, Dhaka-1212 <i>Category: Residential Building</i>	Electrical Wiring of 8 Storied Residential Building.
36	JANNAT HOUSE House-26/B, Road-31, Gulshan-1, Dhaka-1212 <i>Category: Residential Building</i>	Electrical Wiring of 8 Storied Residential Building.
37	HABIB PALACE House-26/C, Road-31, Gulshan-1, Dhaka-1212 <i>Category: Residential Building</i>	Electrical Wiring of 8 Storied Residential Building.
38	SHANTO NEER 272/1/A, West Monipur, Mirpur, Dhaka. <i>Category: Residential Building</i>	Supply & Installation of 01 Sets. 40KVA Diesel Generator.
39	MD. ZIAUR RAHMAN & OTHERS House: 185, Road: 06, Block: J, Bashundhara Residential Area, Dhaka-1229 <i>Category: Residential Building</i>	Supply & Installation of 11/0.415KV, 150KVA Electrical Sub-Station.
40	MD. HARUN UR RASHID House: 4475, Road: 22/A, Block: N, Bashundhara Residential Area, Dhaka-1229 <i>Category: Residential Building</i>	Supply & Installation of 11/0.415KV, 150KVA Electrical Sub-Station.
41	AMANA ANUVOB 282/KA, South Paikpara, Mirpur, Dhaka <i>Category: Residential Building</i>	Supply, Installation of 11/0.415KV, 200KVA Electrical Sub-Station.
42	MD. FAZLUL KARIM 241, West Shewrapara, Mirpur, Dhaka-1216 <i>Category: Residential Building</i>	Supply, Installation of 11/0.415KV, 250KVA Electrical Sub-Station.



DISTRIBUTION TRANSFORMER - OIL FILLED

50 Hz, 33/11KV, 11/.415KV, 100KVA-18MVA

Features :

- ☞ Designed to withstand short circuit forces acts radially and axially during faults.
- ☞ High efficiency is ensured by implementing the technology of magnetic material and Copper (CU) conductor.
- ☞ Thermally upgraded insulation paper (Class-A) results in long
- ☞ Lower Partial Discharge (PD) value and lower sound level
- ☞ High withstanding capability against temporary overvoltages (TOV), lightning strikes, switching phenomenon, over flux conditions.
- ☞ Leakproof, pressure and vacuum tested as per standard.
- ☞ Cooling Type: Oil Natural - Air Natural (ONAN)
- ☞ Cooling Material: Mineral oil and synthetic ester oil
- ☞ Available with both OCTC and OLTC



Brand & Origin:

TS Transformers Ltd.	:	Bangladesh
Trade Engineering	:	Bangladesh
Switch Powertrac Engineering	:	Bangladesh

DISTRIBUTION TRANSFORMER - DRY TYPE

50 Hz, 33/11KV, 11/.415KV, 100KVA-18MVA

Features :

- ☞ Self extinguishing material
- ☞ Compact footprint and environment friendly
- ☞ Easy installation
- ☞ Maintenance free
- ☞ Designed to withstand the highest mechanical short circuit stress that may occur during operation
- ☞ High voltage coil windings are cast to prevent humidity
- ☞ High resistance against overvoltage
- ☞ Low decible, high capacity and high performance
- ☞ Low partial discharge

Materials Origin:

Astor Transformers Inc.	:	Turkey
SPTE	:	China





PRODUCTS

HT SWITCHGEAR

LOAD BREAK SWITCH (LBS)

Features :

- ☞ Robust design
- ☞ Mechanical & Electrical Operation
- ☞ Maintenance-free mechanism
- ☞ Separate HT/LT Compartments
- ☞ Compact design with aesthetic look
- ☞ Trouble-free mechanism
- ☞ Available in both indoor/Outdoor version
- ☞ Manual operation with HRC fuse protection



VACUUM CIRCUIT BREAKER (VCB)

Features :

- ☞ User-friendly
- ☞ High degree of safety and operational reliability
- ☞ Rugged design, simple in construction
- ☞ Modular and compact
- ☞ Easy maneuverability of the truck
- ☞ Extensible with high degree of customization
- ☞ Available in both indoor/Outdoor version

Materials Origin:

LBS	: ABB, Germany
VCB	: ABB, Italy/India
CT-PT	: China
IDMT Relay	: ABB/Entes, India/Turkey



LT SWITCHGEAR

Features :

- ☞ Metal frame: folded sheet metal
- ☞ Paint: epoxy powder polymerized at high temperature
- ☞ Front and rear access
- ☞ Conductor entry from top and bottom
- ☞ 3 or 4 poles
- ☞ Rated Current up to 6300 A
- ☞ Rated Insulation Voltage 1000 V AC
- ☞ Rated Operational Voltage 690 V AC
- ☞ Standard: IEC, BNBC & RSC
- ☞ User-friendly



Materials Origin:

ACB : ABB, Italy

MCCB/MCB : ABB/DEKO/Hyundai, Italy/India/Turkey/Korea





POWER FACTOR IMPROVEMENT (PFI) PLANT

Features :

- ☞ Metal frame: folded sheet metal
- ☞ Paint: epoxy powder polymerized at high temperature
- ☞ Front and rear access
- ☞ High life expectancy
- ☞ Harmonic management by filter or reactor
- ☞ Wide range of the advanced controller
- ☞ Capacity: Up to 2400 kVAR
- ☞ Standard: IEC, BNBC & RSC
- ☞ User-friendly



Materials Origin:

Capacitor	: ABB/EPCOS/HAVELLS, India
Magnetic Contractor (MC)	: ABB/DEKO/Hyundai, France/India/Turkey/Korea
MCCB/MCB	: ABB/DEKO/Hyundai, Italy/India/Turkey/Korea
PFC Controller Relay	: MIKRO/DELAB, Malaysia



PRODUCTS

ELECTRICAL PANEL BOARD

Features :

- ☞ Metal frame: folded sheet metal
- ☞ Paint: epoxy powder polymerized at high temperature
- ☞ Front and rear access
- ☞ Dust and vermin proof
- ☞ Free standing
- ☞ Wall and Floor Mounted
- ☞ Both Indoor and Outdoor version
- ☞ User-friendly
- ☞ Standard: IEC, BNBC & RSC

Brand & Origin:

MCCB/MCB : ABB/DEKO/Hyundai, Italy/India/Turkey/Korea
Panel Board : Adapt Engineering, Bangladesh



AUTO TRANSFER SWITCH - ATS

Features :

- ☞ Metal frame: folded sheet metal
- ☞ Paint: epoxy powder polymerized at high temperature
- ☞ Front and rear access
- ☞ Dust and vermin proof
- ☞ Free standing
- ☞ Wall and Floor Mounted
- ☞ Both Indoor and Outdoor version
- ☞ User-friendly
- ☞ Standard: IEC, BNBC & RSC

Materials Origin:

MC/ACB : ABB/DEKO/Hyundai, Italy/India/Turkey/Korea



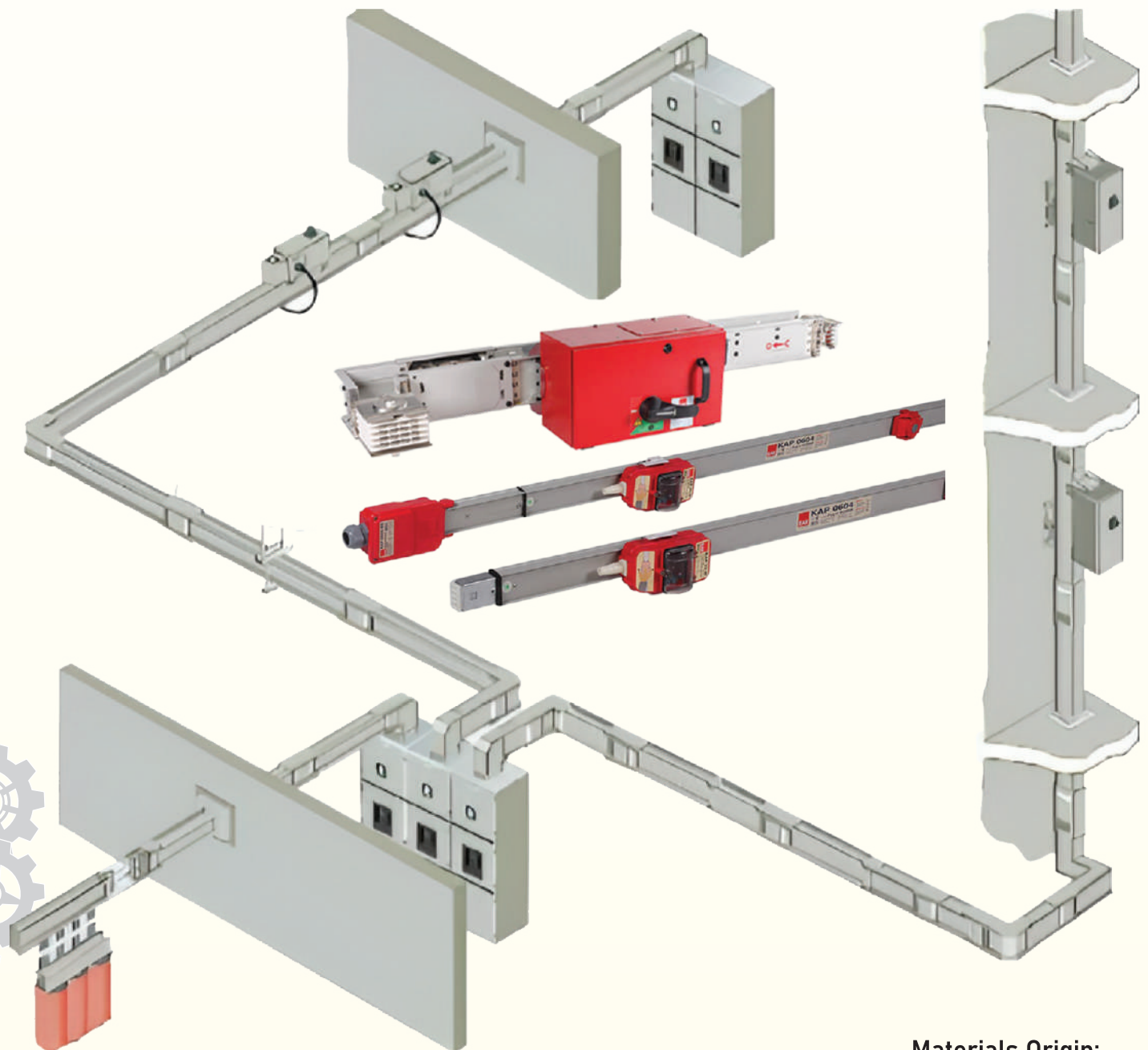


PRODUCTS

BUSBAR TRUNKING - BBT

Features :

- ☞ Speed, simplicity and flexibility when planning and installing the lines.
- ☞ Capable of being installed both in false ceilings and below floating floors.
- ☞ Complies with international and domestic standards.
- ☞ Number of conductor 2, 4 and 5
- ☞ Product Range 25A to 6300 A
- ☞ Conductor type: Copper and Aluminum
- ☞ Casing: Painted or with an anodized Aluminum casing



Materials Origin:

EAE : Turkey
DTM : Turkey



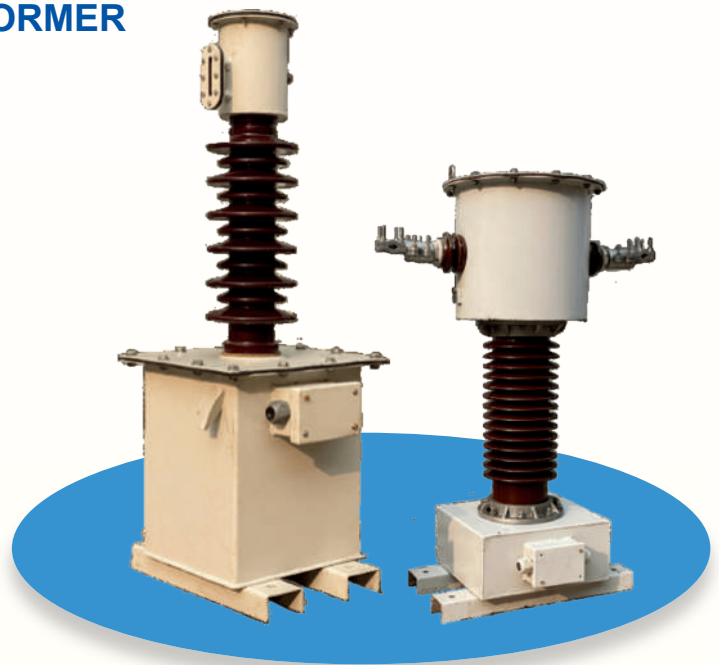
PRODUCTS

INSTRUMENT TRANSFORMER

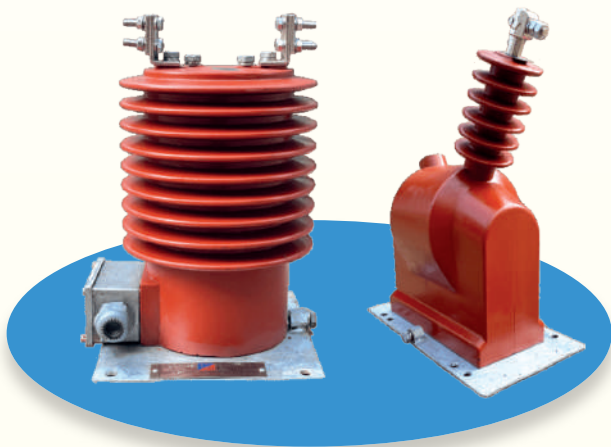
HIGH VOLTAGE INSTRUMENT TRANSFORMER

Features :

- ☞ Type tested
- ☞ Hermetically sealed
- ☞ Porcelain bushing
- ☞ Copper/Aluminium terminal
- ☞ Zinc sprayed, red oxide undercoat, 2x enamel final coated tank, made of steel
- ☞ Additional protection available



MEDIUM VOLTAGE INSTRUMENT TRANSFORMER



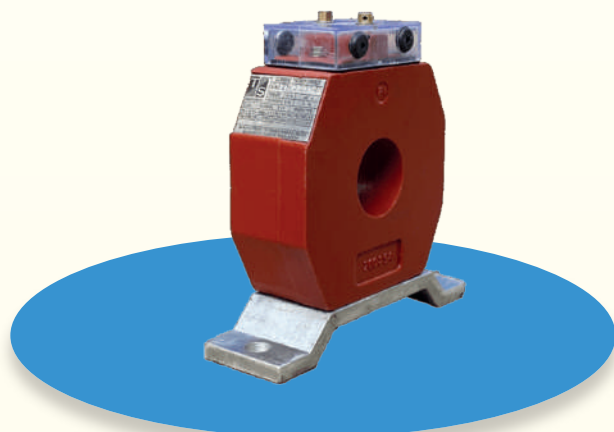
Features :

- ☞ Type tested
- ☞ Copper/SS made terminals
- ☞ Low maintenance
- ☞ Low space required

LOW VOLTAGE INSTRUMENT TRANSFORMER

Features :

- ☞ Compact designs with the highest quality materials and performance
- ☞ Copper/SS made terminals
- ☞ Reduced installation and maintenance cost
- ☞ Additional protection available

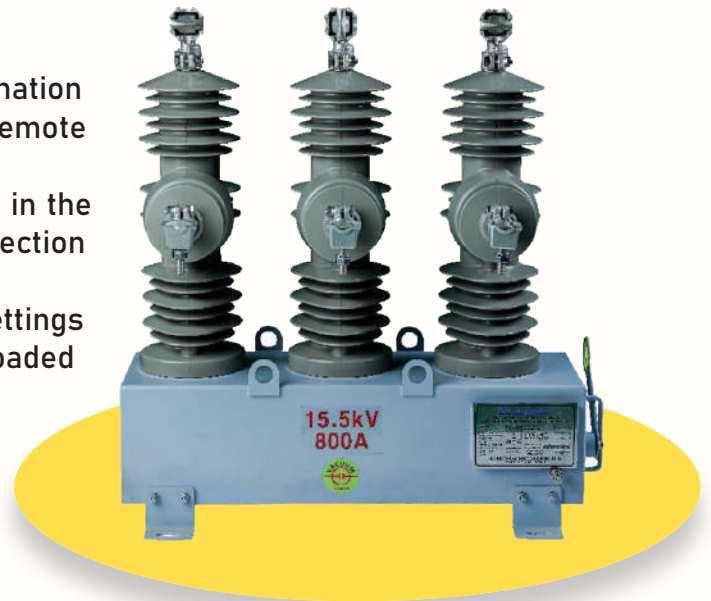




AUTOMATIC CIRCUIT RECLOSER (ACR)

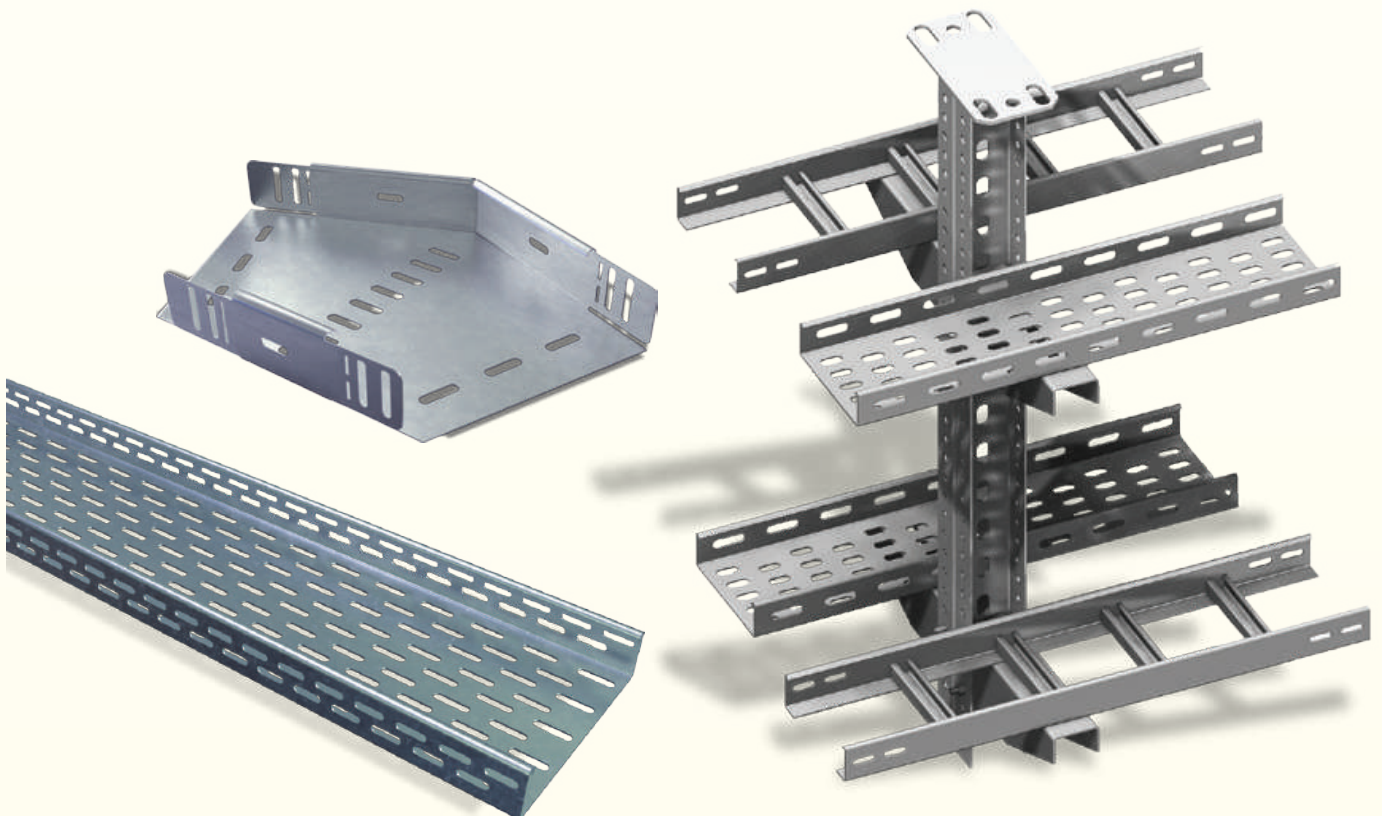
Features :

- ☞ The digital control panel provides easy coordination feature, fault isolation feature, and local/remote operation features.
- ☞ The distribution automation system is onboarded in the control panel so that the automatic protection coordination is available.
- ☞ Through RS-232 port, recorded information settings including fault current information can be downloaded into a laptop or computer
- ☞ Sequence coordination functions to prevent unnecessary tripping.



CABLE TRAY SUPPORT SYSTEM

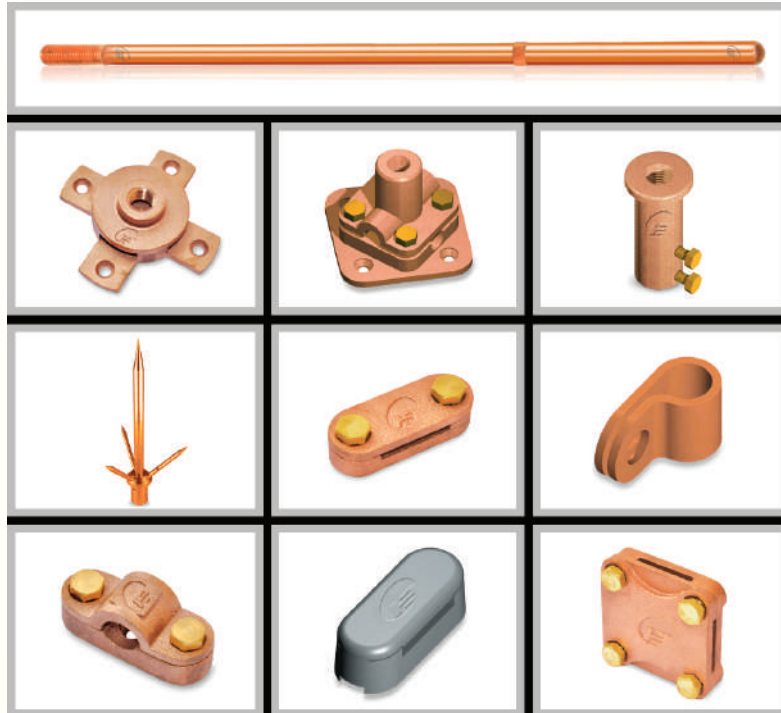
Cable trays are mechanical support systems that protect and organize cable networks. They are used in modern electrical systems and renewable energy infrastructure. Cable trays can help minimize safety and fire risks, and can make maintenance and repairs easier.





Lightning Protection System (LPS)

A lightning protection system includes a network of air terminals, bonding conductors, and ground electrodes designed to provide a low impedance path to ground for potential strikes. Lightning protection systems are used to prevent lightning strike damage to structures.

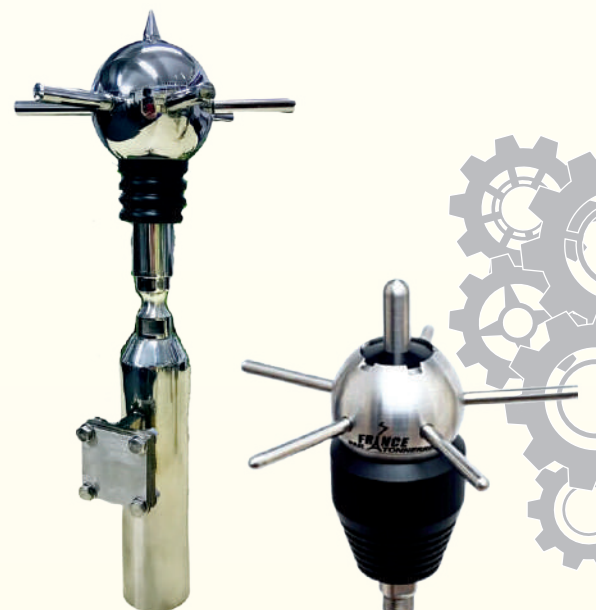


Benefits of lightning protection System :

It's clear that commercial lightning protection is something that any business can benefit from. In order to better understand the problem and the risks, it helps to know how lightning and lightning protection works. Lightning is simply an electrostatic discharge that can occur from cloud-to-cloud, inside clouds, and cloud to ground. The problem is when a lightning strike makes direct contact with a building. The ensuing surge of electricity from a lightning strike can spread throughout the building damaging fuses and potentially any electronic devices that were plugged in at the time.

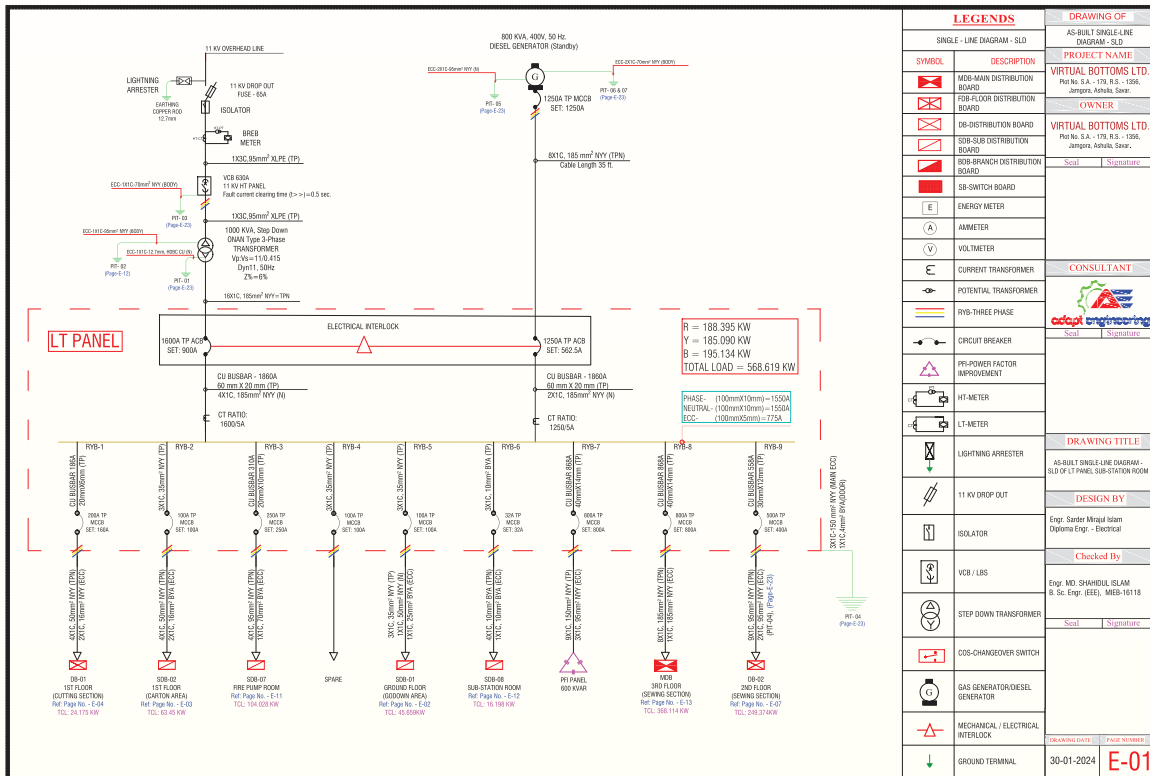
A commercial lightning protection system is able to safely transfer the electrical energy from a lightning strike away from the building and into the ground where it is safely discharged. The purpose of a commercial lightning protection system is not to completely prevent lightning from striking, this isn't really possible. Rather, the purpose is to provide a path of low resistance for the lightning to travel through without causing damage to the building. The major components of a commercial lightning protection system include lightning rods, conductor cables, and grounding rods.

It is important to make sure that a commercial lightning protection system complies with all codes and standards of the Lightning Protection Institute, National Fire Protection Association, and Underwriters Laboratories.



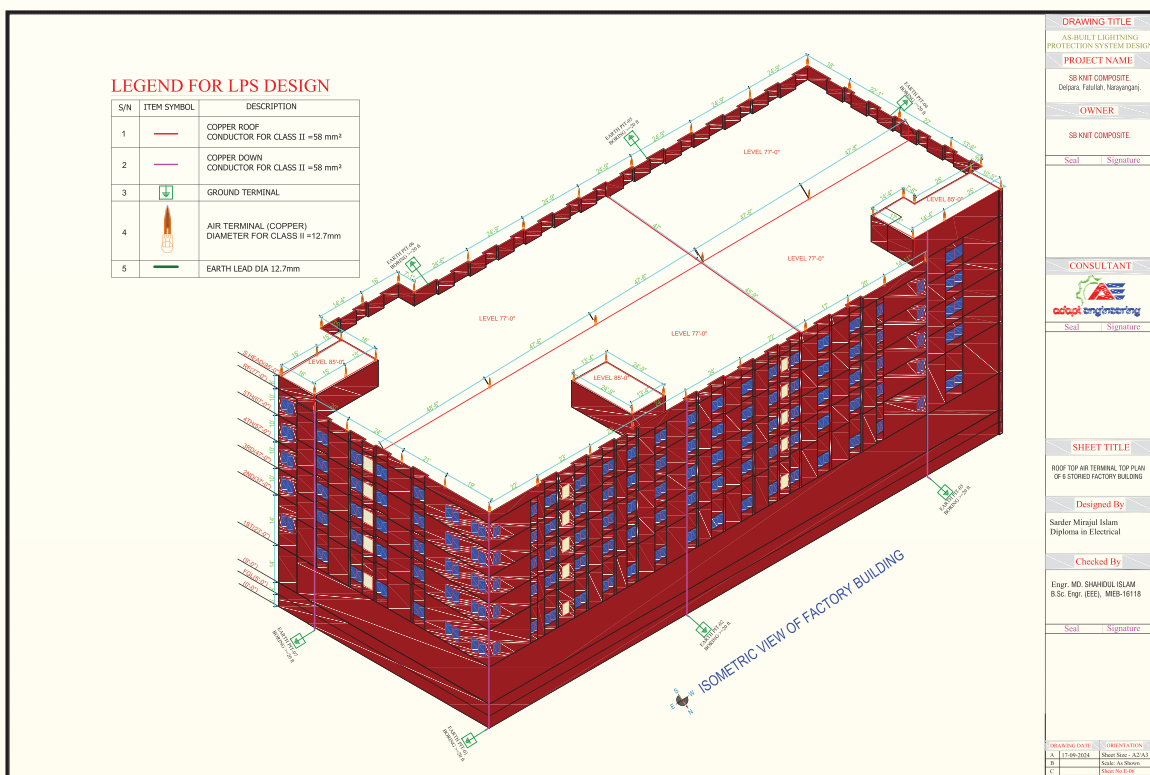
Single-line Diagram (SLD)

A single-line diagram (also known as an SLD or one-line diagram) is a simplified representation of an electrical system. Symbols and lines are used to represent the nodes and connections in the system, and electrical characteristics may be included as well.



Lightning Protection System (LPS)

A lightning protection system includes a network of air terminals, bonding conductors, and ground electrodes designed to provide a low impedance path to ground for potential strikes. Lightning protection systems are used to prevent lightning strike damage to structures.





Thermography Test

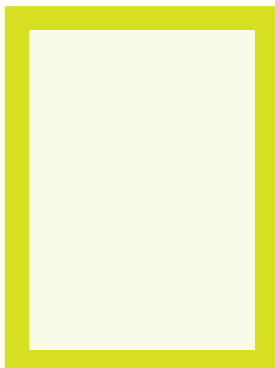
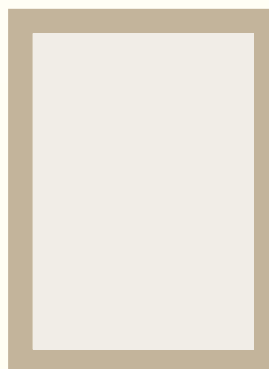
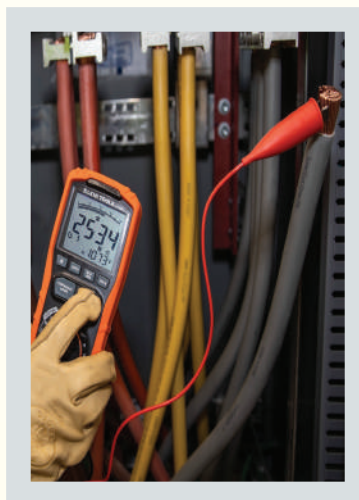
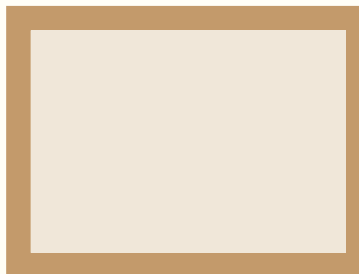
Thermography test, also known as infrared thermography, is a process that uses infrared cameras to capture thermal images of an object. These images, called thermograms, show surface heat variations that can help identify problems.

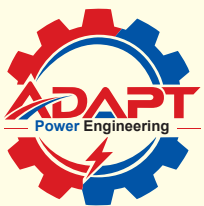
Insulation Resistance (IR) Test

Compact, lightweight and low cost safety testers for electronic components. An insulation resistance (IR) test measures the total resistance between any two points separated by electrical insulation. The test, therefore, determines how effective the dielectric (insulation) is in resisting the flow of electrical current ...

Earth Resistance (ER) Test

An earth resistance test, also known as a ground resistance test, measures the resistance between a grounding system and the ground. The purpose of this test is to ensure that the grounding system is working safely and effectively.





ADAPT POWER
ENGINEERING

📍 473, Senpara Parbata, Mirpur-10,
Dhaka-1216, Bangladesh.

📍 Rajfulbaria, Savar, Dhaka-1347.

☎ +8801870 474021

✉ info.adaptpower@gmail.com

🌐 www.adaptpowerbd.com

