

# STech Engineering

an initiative of SCHOOL of TechNOLOGY (STech)

Electrical Consultancy

Power System Installation

Generator Sales and Service

Lift Sales and Service

Boiler Repair and Maintenance Service

Products Sales and Service

Industrial Automation

Solar System Sales and Service

IT Services

We provide all kinds of electrical engineering and technological services, support and equipment for industrial, commercial buildings and educational institutions.



Head Office: Hazi Sofiq Market,  
Holding #1237, Bottola Road, Board  
Bazar, Gazipur- 1704

Branch Office: Jail Road (Rangpur-  
Dinajpur Highway), Dhap Kellabond,  
Rangpur- 5400.

## Electrical Consultancy & Installation

- Electrical System Proposed Design and Masterplan
- Electrical System As-built Design and CAP Solutions
- Electrical Layout Design (ELD) for Residential/Commercial Buildings
- Earthing System Design of any Electrical System as per Standards.



## Professional Electrical System Design using famous AutoCAD Electrical Software

- Electrical System Single Line Diagram (SLD) Design
- Electrical System Layout Design (ELD)- Fixture Layout, Conduit Layout, Telecommunication Layout etc.

Standards: BNBC- 2020; NFPA 70 &780, OCEI, DIFE and BD Electricity Acts.



## Electrical Testing for RSC/TSV Audit and other Requirements

- Insulation Resistance (IR) Test
- Earth Resistance (ER) Test
- Transformer Oil Test from Government testing lab.
- Thermographic Scan Test and Report for Audit Issue
- LV Circuit Breaker (CB) Test
- Annual Switch-Gear Inspection

Standards: BNBC- 2020; NFPA 70 &780, OCEI, DIFE and BD Electricity Acts.



## Electric Sub-Station Design, Installation and Services

- Electrical Sub-Station Installation, Maintenance and Services
- HV and LV Transformer
- HT Switchgears- LBS, ABS, VCB, Busbar, HT Panel, CT, PT etc.
- PFI Panel as per requirement or standard .
- LT Switchgears- ACB, MCCB, Busbar, LT Panel, PFI Plant etc.

Standards: BNBC- 2020; NFPA 70 &780, OCEI, DIFE and BD Electricity Acts.

## Electrical Products Sales, and Service

- Switchgear and Protective Items for Electrical System
- Industrial Instrument
- MCCB, SPD, MCB and MDB, DB, SDB

STech Brand: STech (Isolation Transformer, Torque Meter, PFI Controller)



## Generator Sales, Supply and Installation services

All kinds of Generator sales and services including pre-owned and brand new.

Brands: Perkins, Cummins, Ricardo, Johndeere, Deutz etc.

Ratings: 22KVA to 500KVA+



## Busbar Trunking System Design and Services

- Design the Busbar Trunking System and Installation as per safety audit (RSC/TSV) and other relevant Standards.



## Fire Detection & Protection System (FDS/FPS)

- Fire Detection & Protection System (FDS/FPS) design and installation as per RSC (Formerly ACCORD & ALLIANCE) audit requirements based on NFPA, BNBC and other standards.

Specifically followed by NFPA 20, NFPA 80, NFPA 13 & 14 and BNBC- 2020

- Intrusion Alarm System
- PA Systems



## Boiler Repair and Maintenance Service

- Our professional Boiler Repair and Maintenance service delivers end-to-end support to keep your heating system running **safely, efficiently, and reliably.**



## IT Service

- IT services encompass the management, support, and implementation of technology systems.



## Environment Management System (EMS)

- a structured framework that helps organizations manage environmental impacts, comply with legal requirements, and improve sustainability performance



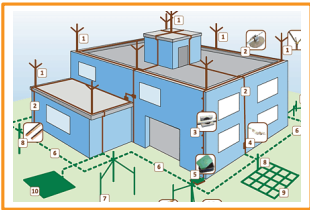
## Lift Sales and Maintenance Service

- Expert Erection, Commissioning and Troubleshooting services to ensure seamless installation and optimal performance.



## Lightning Protection System (LPS) Design and Installation

- LPS Design and Installation as per standard for safety Audit RSC/ TSV or other requirements based on NFPA and BNBC - 2020 standards.



## Solar System Services

- The on-grid and off-grid Solar System Design and Installation service of residential and industrial.



## PLC & Industrial Automation

- Master the skills to design, program and troubleshoot automated for optimized efficiency and productivity



## Erection, Commissioning & Troubleshooting Services

- Expert Erection, Commissioning and Troubleshooting services to ensure seamless installation and optimal performance.



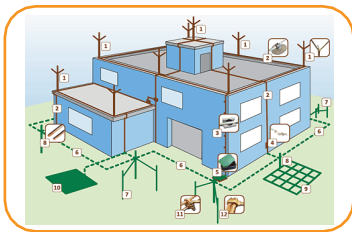
## Professional AutoCAD/ AutoCAD Electrical Software Learning and Industrial Training Course and Workshop

Enhance your electrical design skills and experience with our comprehensive AutoCAD Electrical Training Program that will boost your professional skill and become an expert on Professional Electrical Design.



## LPS Design Course Based on RSC Audit Requirement & BNBC Standard

Enhance your electrical design skills with our comprehensive AutoCAD Electrical training program.



**STech Engineering** is a premier engineering service provider in Bangladesh, founded with a commitment to delivering excellence in electrical engineering solutions and consultancy. As an initiative of the School of Technology (STech), we specialize in a broad range of services, adhering to the highest industry standards in every project we undertake. Our expertise includes electrical system design, lightning protection systems (LPS), fire detection and suppression systems (FDS/FPS), solar energy solutions, sub-station design, installation and services, as well as generator & solar system sales and services.

We maintain and fully comply with NPFA standards, Accord Alliance/RSC audit requirements, and other relevant local and international standards for all our design and installation projects. This commitment ensures that our services meet rigorous safety and quality benchmarks.

Our mission is to provide high-quality engineering services and products that meet the diverse needs of residential, commercial, and industrial clients. With a team of skilled professionals and a dedication to innovation, we bring reliability, safety, and efficiency to every project.

At STech Engineering, we also offer specialized training programs and workshops, empowering industry professionals with the latest technical knowledge and skills. Our goal is to be a trusted partner in advancing engineering solutions that are both sustainable and forward-thinking.



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