EMCOTECH
ENGINEERS AND AUDITORS
SAFE | EFFICIENT | SUSTAINABLE

EPC CONTRACTING • ENGINEERING SERVICES • AUDITS

Company Profile

Electrical | Fire Fighting | HVAC | Plumbing

Energy Audit • Electrical & Fire Safety Audit

EMCOTECH Engineers & Auditors Private Limited
Agra • Kanpur

OVERVIEW

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COMPANY

About EMCOTECH

> *With technological advancement and up-gradation, present-day power distribution demands specialised experience and product quality to meet the vital requirements of MEPF and services engineering.*

EMCOTECH Engineers & Auditors Private Limited is an EPC contracting company providing engineering services in Electrical, Fire Fighting, HVAC and Plumbing, supported by specialist Energy Audit and Electrical & Fire Safety Audit services. Our dedicated engineering team serves industries with design, supply, erection / installation, up-gradation and commissioning of complete MEPF systems.

Guided by a simple motto — Honesty, Hard Work and Dedication — we are determined to serve industry with innovation that supports economic and industrial progress for the benefit of customers at large. Since inception, EMCOTECH has expanded its market base and today enjoys a position of repute among leading MEPF contractors and consultants.

30+	20+	9	2
Years of MEP design experience in our leadership	Engineers, supervisors and skilled site professionals	Countries with international clients	Offices — Agra and Kanpur

Why EMCOTECH

Design to commissioning

Design, supply, erection / installation, up-gradation and commissioning — delivered with modern, mechanised methods and trained, experienced workmen.

Built for Indian conditions

Systems adapted to hot, dusty and humid conditions and conforming to the latest Indian, GRIHA and international standards.

Multi-discipline engineering

Engineers from varied disciplines offering efficient, cutting-edge solutions for sophisticated, time-bound projects.

Lasting relationships

We believe in long-term relationships with our customers — repeat orders from our major customers are proof of it.

COMPANY

Vision, Mission & Values

OUR VISION

To be the market leader in MEP contracting and related services.

We aim to earn our customers' enthusiasm through continuous improvement driven by the commitment of top management, integrity, teamwork and the innovation of our people. Our vision is the framework and roadmap for every aspect of our business — describing what we must accomplish to keep achieving sustainable, quality growth.

OUR MISSION

High-quality, cost-effective projects, delivered by motivated people.

EMCOTECH is committed to delivering high-quality, cost-effective projects by employing and supporting motivated, flexible and focused individuals. We value our relationships and remain fair and true in our dealings with employees, clients, subcontractors and partners. We strive for long-term client relationships built on quality, health and safety, timely service and anticipation of their needs. We treat all employees fairly and involve them in business-excellence and quality-improvement processes to ensure responsiveness and effective project execution.

Three aspects we keep in mind on every project

Quality

Design and installation to modern quality-assurance practice.

Coordination

Multi-discipline engineers working together from design to site.

Time Schedule

Committed, time-bound execution of sophisticated projects.

OUR MOTTO

Honesty · Hard Work · Dedication

With the rapid growth of power applications, the importance of power quality and protection is becoming an uncompromising essentiality.

— Anil Kumar Goyal, Managing Director

OUR SERVICES

What We Do

One EPC partner for Electrical, Fire Fighting, HVAC and Plumbing — backed by specialist Energy and Safety Audits.

01
Electrical
Switchyards, transformers, HT / LT panels, DG sets, bus ducts, lighting and power networks.

02
Fire Fighting & Fire Alarm
Complete firefighting and fire alarm systems, from design to commissioning.

03
HVAC
Chiller plants, VRV / DX systems, AHUs and FCUs, plus commercial and basement ventilation.

04
Plumbing
Water supply, drainage and sanitary systems with pumping and storage.

05
Energy Audit
Detailed audits that quantify consumption, prioritise savings and recommend efficient technologies.

06
Electrical & Fire Safety Audit
Hazard identification, thermography and reviews of earthing, lightning and fire protection.

Our EPC scope

01
Engineering
Design of Electrical, Fire Fighting, HVAC & Plumbing systems

02
Procurement
Supply of quality equipment and materials

03
Construction
Erection and installation by trained site teams

04
Commissioning
Commissioning of complete, working systems

Also: up-gradation of existing installations, with independent Energy and Safety Audits to keep them efficient and safe.

OUR SERVICES

Electrical

Supply, erection and commissioning of complete electrical systems — from HT switchyards to final lighting.

01

Switchyards & HT Systems

Power infrastructure

- 132kV/ 33 kV / 11 kV switchyards
- 132kV/ 33kV / 11 kV transformers and HT panels
- Relay and control panels
- Overhead and underground electricity networks

02

Standby Power & Lighting

Backup and illumination

- DG sets with all ancillaries
- Generator, AMF and synchronising panels
- Indoor and outdoor lighting works

03

Panels & Bus Ducts

Power distribution

- Electrical switchboards
- Industrial bus ducts up to 6300 A
- Rising mains and lighting ducts

04

Control & Drive Panels

Control systems

- Control desks and mimic panels
- Thyristor-controlled AC / DC drive panels

Built for Indian conditions. Our electrical systems are engineered for hot, dusty and humid environments and conform to the latest Indian, GRIHA and international standards.

OUR SERVICES

Fire Fighting & Fire Alarm

Supply, erection and commissioning of the entire firefighting and fire alarm system — from water storage and pumping to detection, alarm and suppression.

01

Hydrant & Sprinkler Systems

Water-based protection

- Internal and external fire hydrant systems
- Automatic sprinkler systems
- Hose reels, landing valves and hose cabinets
- Yard hydrant ring mains and fire water piping

02

Fire Pumps & Water Storage

Pumping and storage

- Main electric, diesel-engine and jockey fire pump sets
- Fire pump houses with pump control panels
- Underground and overhead fire water tanks

03

Fire Detection & Alarm

Detection and alert

- Addressable and conventional fire alarm panels
- Smoke, heat and multi-sensor detectors
- Manual call points, hooters and sounders
- Cabling, integration, testing and commissioning

04

Suppression & First Aid

Special hazards and portable

- Portable fire extinguishers
- Clean-agent and gas-based suppression systems

One point of responsibility. Complete fire fighting and fire alarm systems delivered on a design, supply, erection and commissioning basis. Existing installations can also be reviewed through our Fire Safety Audit.

OUR SERVICES

HVAC

Supply, erection and commissioning of air-conditioning and ventilation systems for commercial, industrial and basement applications.

01

Central Chiller Plants

Central cooling

- Water-cooled and air-cooled chiller plants
- Chilled water piping, pumps and cooling towers
- Air handling units (AHUs) and fan coil units (FCUs)

02

VRV & DX Systems

Refrigerant-based cooling

- VRV / VRF systems
- Split, ducted and packaged DX units
- Refrigerant piping, drain piping and controls

03

Commercial Ventilation

Fresh air and exhaust

- Ventilation systems for offices, retail and commercial buildings
- Fresh air supply and general, toilet and kitchen exhaust
- Ducting, dampers, grilles and diffusers

04

Basement Ventilation

Car parks and basements

- Basement and car-park ventilation systems
- Axial and jet fans with ducted supply and exhaust
- Smoke extraction and make-up air for basements
- Fan control panels and monitoring controls

Comfort and air quality by design. From central chiller plants to basement ventilation, our HVAC systems are engineered for hot, dusty and humid Indian conditions.

OUR SERVICES

Plumbing

Supply, erection and commissioning of water supply, drainage and sanitary systems for buildings and industrial plants.

01

Water Supply & Distribution

Domestic and flushing water

- Domestic and flushing water supply piping
- Cold and hot water distribution
- Valves, water meters, fittings and pipe insulation

02

Storage, Pumping & Boosting

Tanks and pump sets

- Underground and overhead water storage tanks
- Transfer, booster and pressure-boosting pump sets
- Pump control panels and level controls

03

Drainage & Sewerage

Soil, waste and vent

- Soil, waste and vent (SWV) piping
- Sewer lines, manholes and inspection chambers
- Sump pits with drainage and sewage pumping

04

Storm Water & Sanitary

Rainwater and fixtures

- Storm water and rainwater drainage
- Rainwater harvesting systems
- Sanitary fixtures, fittings and CP items

Reliable water, safely drained. Plumbing works are executed alongside Electrical, Fire Fighting and HVAC for coordinated MEPF delivery on site.

OUR SERVICES

Energy Audit and Safety Audit

Energy Audit

We carry out detailed energy audits that turn energy data into prioritised, financially assessed savings.

01
Baseline
Quantify energy consumption and establish baseline energy information.

02
Balance
Construct energy and material balance.

03
Efficiency
Evaluate efficiency of energy and utility systems.

04
Benchmark
Compare energy norms with existing consumption levels.

05
Prioritise
Identify and prioritise energy-saving measures.

06
Feasibility
Analyse technical and financial feasibility of measures.

07
Recommend
Recommend energy-efficient technologies and alternate energy sources.

08
Report
Report writing, presentation and follow-up for implementation.

Electrical & Fire Safety Audit

Independent reviews that identify hazards, check installations and measure protection systems against standards.

ELECTRICAL SAFETY AUDIT

- Identification of electrical hazards — shock, fire, overloading
- Review of hazardous area classification
- Hot-spot checks on installations and equipment using a thermal imager
- Review of earthing and bonding practices
- Review of electrical maintenance systems and practices, including LOTO
- Review of lightning protection system

FIRE SAFETY AUDIT

- Identification of fire hazards
- Review of fire prevention practices
- Review of fire protection systems — active and passive
- Adequacy of fire protection — design and performance review against standards

OUR PEOPLE

Corporate Leadership



Anil Kumar Goyal

MANAGING DIRECTOR

- B. Tech. Electrical (H.B.T.I.)
- B.E.E. Certified Energy Auditor
- IBBI approved Plant & Machinery Valuer
- 30+ years of MEP design experience in the construction industry



Sambhav Jain

DIRECTOR

- B. Tech. Mechanical, Chartered Engineer
- B.E.E. Certified Energy Manager
- Leads a team of engineers in MEPF design, coordination and site execution



Nishant Singh

DIRECTOR

- B. Tech. Electrical
- B.E.E. Certified Energy Manager
- Leads a team of engineers in Electrical design, coordination and site execution



Shashi Goyal

BUSINESS DEVELOPMENT MANAGER

- M.Sc. (Statistics)
- Experience in planning / scheduling and business strategy for efficiency and scope expansion.
- Leads a team in account compilation, inter-department communication and general office management



Kriti Goyal

STRATEGIC PLANNING & VENDOR MANAGEMENT

- M.B.A. (Finance)
- 5+ years of experience in BDM and vendor management
- Responsible for tech enablement and implementation of artificial intelligence in project design and execution

Our Associates

Independent specialists who extend our expertise beyond core EPC delivery.



Dinkar Saxena

ASSOCIATE — ENVIRONMENTAL ENGINEERING

Chartered Engineer (Environment)

Dinkar Saxena is a Chartered Engineer (Environment) based in India, with over 300 completed projects in wastewater treatment, sewage treatment plants (STP), air emission control and related fields. He has developed several eco-friendly, self-sustaining models for water pollution control, and his expertise spans Water and Sewage Treatment, Dairy Waste Treatment, Environment Planning, Effluent Treatment for textile and other industries, and Resource Recovery and Optimisation.

He holds a patent titled “Process for Enhancement of Yield of Cottage Cheese (Paneer) by Re-Circulation of Concentrated Whey” and pioneered the development of a Thermophilic Continuous Stirred Tank Reactor (CSTR) for dairy waste treatment, along with a modified scheme for treating fat in dairy waste within the anaerobic process using CSTR.

He is an empanelled consultant with the National Dairy Development Board (NDDB), Anand; the Regional Centre for Urban & Environmental Studies, Lucknow; M/s Supreme Industries Ltd., Mumbai; TDI Group, Delhi; M/s Felix Industries Ltd; and a number of real estate developers.



Ashutosh Kumar

ASSOCIATE — POWER SECTOR

- B.E. Electrical (MNNIT Prayagraj) • M.Tech (BHU IT) • MBA (Financial Management)
- Chartered Engineer • Certified Energy Auditor

Ashutosh Kumar brings 45+ years of experience in our team from the power sector, spanning Thermal Power Generation, Transmission, Distribution, Power Management and Renewable Power.
A Chartered Engineer and Certified Energy Auditor, he combines deep technical grounding with financial management expertise from his MBA.

OUR PEOPLE

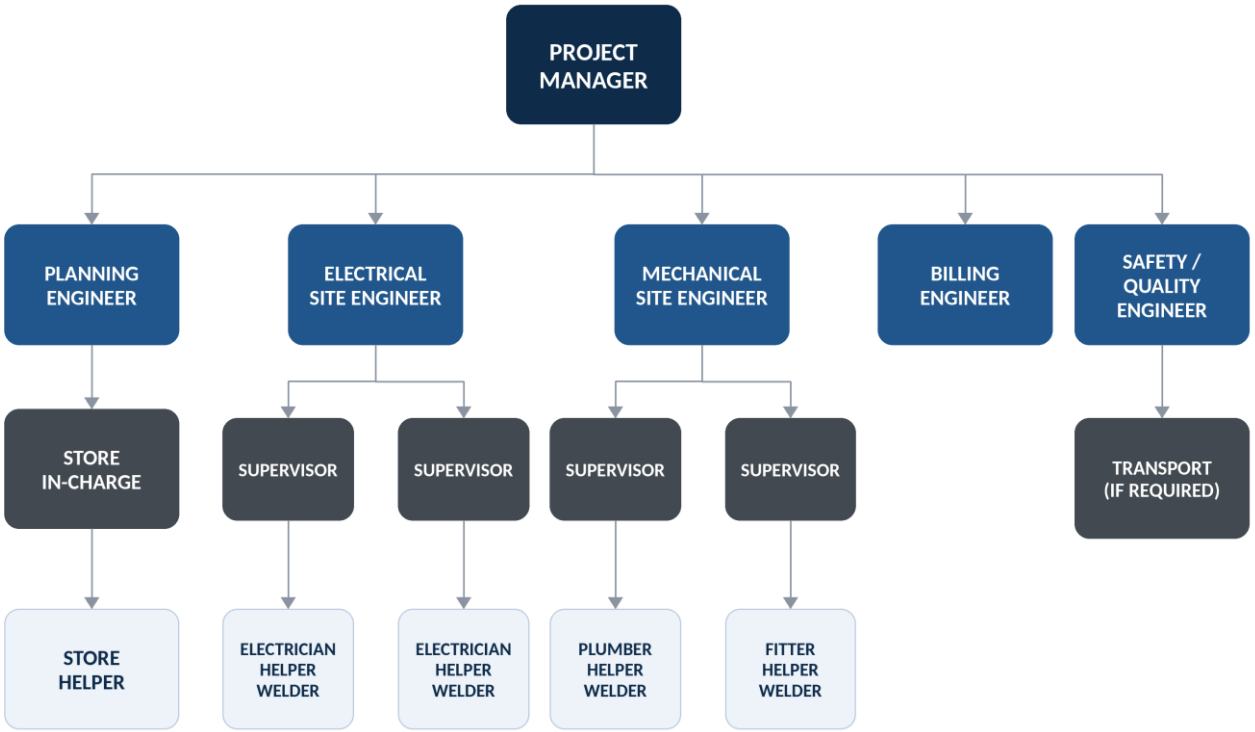
Site Organisation

The company has a human resource of 20+ professionals — qualified engineers, foremen, wiremen, electricians and welders at all levels — to meet the changing demands and escalating requirements of modern-day customers.

We depute site engineers, supervisors, electricians, welders and support staff as required at site.

Engineers	Foremen	Wiremen	Electricians	Welders

Typical site organisation



RESOURCES

Equipment Details

Tools, testing and audit instruments available with our teams for installation, commissioning and audit work.

NO.	ITEM DESCRIPTION	QUANTITY
01	Hammer Drill Machine	5 Nos.
02	Drill Machine	5 Nos.
03	Multi Meter	5 Nos.
04	Crimping Tool	3 Nos.
05	Welding Machine	5 Nos.
06	Die Set	10 Nos.
07	Clamp Tester	5 Nos.
08	Spanner Set	5 Nos.
09	Cutter Machines	5 Nos.
10	Earth Tester	3 Nos.
11	Cable Jack	5 Nos.
12	Insulation Tester LT / HT	2 Nos.
13	Tong Tester	5 Nos.
14	Lux Meter	3 Nos.
15	Hand Blower / Vacuum Cleaner	2 Nos.
16	Energy Auditor / Power Analyser	1 No.
17	Infrared Thermography Camera	1 No.
18	Tachometer	2 Nos.
19	Environment Testing Equipment	2 Nos.

TRACK RECORD

Reputed Clients

Industrial, commercial, and institutional clients across Uttar Pradesh, Madhya Pradesh, Rajasthan and beyond.

Threads India Ltd.
Kanpur

Lohia Corp.
Kanpur

Super Tannery
Kanpur

Kanpur Plastipack Limited
Kanpur

Karan Letex Limited
Kanpur

Karan Smartex Pvt. Ltd.
Noida

ACME Universal Safezone 9 Pvt. Ltd.
Gwalior & Kanpur

White Field Minerals
Hamirpur

Paterson Energy Pvt. Ltd.
Mathura

OSRM Teckpack Pvt. Ltd.
Rewa

Saawariya Polypack Pvt. Ltd.
Rewa

Maa Polypack Pvt. Ltd.
Rewa

K.B. Polychem Ltd.
Agra & Mathura

Safecon Pharmachemie Pvt. Ltd.
Agra & Dholpur

Mittal Om Vikram Poleyfabs LLP
Dholpur

Strolar Mounting Systems Pvt. Ltd.
Mathura

Leiner Shoes Pvt. Ltd.
Agra & Noida

Basant Overseas
Agra

Kapsons Worldwide
Agra

Sagari Leathers Pvt. Ltd.
Agra

Delhi Public School
Taj City, Dayalbagh & Shastripuram, Agra

Sarveshwar Food Products Pvt. Ltd.
Hathras, Salempur & Shandila

Shree Girraj Food Product
Hathras

NRI City
Kanpur

Brindavan Packaids Pvt. Ltd.
Shahjahanpur

TDI City
Agra

Atul Pumps Pvt. Ltd.
Agra

Mahaan Milk Food Products
Salempur

K.S. International
Agra

Shiva Lal Agarwala & Co. Educational Publisher
Agra

Servo Packaging Ltd.
Puducherry

B.M. Jain Steel
Dholpur

TRACK RECORD

International Clients

Serving clients across nine countries in Africa — primarily beverage, distillery and packaging industries.

Katanga Beverages
Kinshasa, Congo (DRC)

Kabeco Beverages
Lubumbashi, Congo (DRC)

Congo Beverages
Lubumbashi, Congo (DRC)

Kinsevere Beverages
Lubumbashi, Congo (DRC)

Zen Industries
Zambia

Trident Packaging
Zambia

Unique Beverages
Viana, Angola

Kiri Beverages
Kampala, Uganda

Chief Distilleries
Kampala, Uganda

Blue Nile
Kampala, Uganda

Ace Packaging
Kampala, Uganda

Victoria Distilleries
Ghana

Oak Distilleries
Ghana

Universal Beverages
Nigeria

Sooper Beverages
Nigeria

Nayangani Beverages
Zimbabwe

Nicom Distillery
Liberia

Quality Beverages
Cameroon

GET IN TOUCH

Contact Us

AGRA

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KANPUR

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nishant@emcotech.co.in

Website URL: https://www.emcotech.co.in/

Banking Details

Name	EMCOTECH & ENGINEERS & AUDITORS PVT. LTD.
Bank A/C No.	37552776526
Bank Name	State Bank of India
Bank Branch Place	Nehru Nagar, Civil Lines, Agra
RTGS Code of Bank Branch	SBIN0050181
Bank Branch Code	50181

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