

A.K. Engineering

GSTNO.07AKPPK0130J2Z8

75, Street No.4, East Gurugangad Nagar, Laxmi Nagar, Delhi-110092

Mobile No: +919810469352 | E-mail: akeng@yahoo.com

COMPANY PROFILE

A.K.Engineering, we are committed to providing top-quality engineering solutions, ensuring innovation, reliability, and customer satisfaction in every project. Our expertise in [mention your key services: civil work, electrical installations, plumbing, firefighting, CCTV installation, etc.

OUR PROFESSIONAL TEAM

We at **A.K.Engineering**, with a team of skilled professionals and a passion for excellence, we strive to build long-term relationships based on trust and quality service. Whether it's [mention specific project types, e.g., industrial, commercial, or residential], we guarantee efficient, cost-effective, and cutting-edge engineering solutions.

➤ **Civil Works** refers to the design, construction, and maintenance of infrastructure projects that serve the public. It is a crucial part of civil engineering, which deals with building structures such as roads, bridges, dams, buildings, tunnels, and water supply systems.

- Site Preparation – Clearing land, excavation, and leveling the ground.
- Foundation Work – Constructing strong bases to support buildings and structures.
- Structural Construction – Building frameworks using materials like concrete, steel, and wood.
- Road & Bridge Construction – Developing transportation networks for easy movement.
- Water Supply & Drainage – Installing pipelines, sewage systems, and water treatment facilities.
- Maintenance & Repair – Ensuring structures remain safe and functional over time.



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➤ **Electrical Works** involve the installation, maintenance, and repair of electrical systems in residential, commercial, and industrial buildings. These works ensure the safe and efficient distribution of electricity for lighting, appliances, machinery, and other essential services. Power distribution systems.

- Wiring & Cabling – Laying electrical cables for power distribution.
- Power Distribution – Installing transformers, circuit breakers, and switchboards.
- Lighting Systems – Setting up indoor and outdoor lighting.
- Electrical Panels & Switches – Controlling and regulating electricity flow.
- Backup Power Systems – Installing generators and Uninterruptible Power Supplies (UPS).
- Testing & Safety – Ensuring proper grounding, circuit protection, and compliance with electrical codes.
- Maintenance & Troubleshooting – Diagnosing and repairing faults in electrical systems.



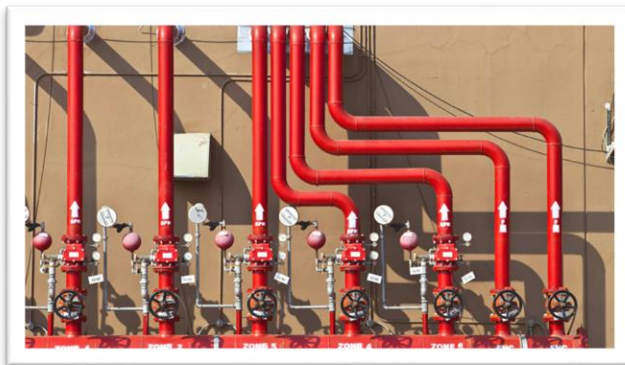
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- **Firefighting Works** involve the design, installation, and maintenance of fire protection systems to prevent, detect, and control fires in buildings, industrial facilities, and public spaces. These systems are essential for ensuring safety, minimizing property damage, and protecting lives in case of fire emergencies, Fire detection and alarm systems
- Fire Detection Systems – Smoke detectors, heat sensors, and fire alarms to identify fire hazards early.
 - Fire Suppression Systems – Sprinklers, gas suppression systems, and foam-based extinguishing systems.
 - Fire Hydrant & Hose Systems – External and internal fire hydrants with hose reels for firefighting teams.
 - Portable Fire Extinguishers – Different types of extinguishers (CO₂, foam, dry powder, etc.) for quick response.
 - Emergency Exit & Evacuation Systems – Fire exit doors, emergency lighting, and escape route planning.
 - Fireproofing & Passive Fire Protection – Fire-resistant walls, doors, and coatings to prevent fire spread.
 - Regular Maintenance & Inspections – Ensuring all systems



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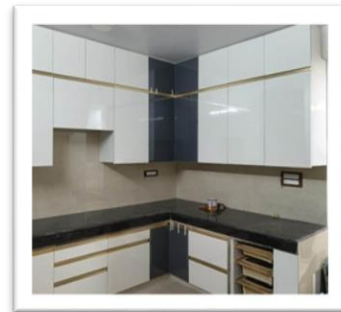
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➤ **Interior Design** is the art and science of enhancing the interior of a space to make it functional, aesthetically pleasing, and comfortable. Interior work involves the actual execution of design plans, including construction, furnishing, and decoration. Together, they create environments that reflect personal style, functionality, and efficiency.

- Space Planning – Optimizing layout for comfort, movement, and purpose.
- Furniture Selection & Arrangement – Choosing and placing furniture for functionality and aesthetics.
- Lighting Design – Using natural and artificial lighting to enhance ambiance.
- Wall & Ceiling Finishes – Applying paint, wallpaper, wood paneling, or decorative elements.
- Flooring & Carpentry – Installing tiles, hardwood, carpets, and custom woodwork.
- False Ceilings & Partitions – Creating stylish and functional separations.
- Electrical & Plumbing Work – Ensuring hidden wiring and pipe work align with the design.
- Color & Material Selection – Choosing textures, colors, and materials to suit the theme.
- Soft Furnishings & Decor – Curtains, rugs, artwork, and accessories for the finishing touch.
- Smart Home Integration – Incorporating technology for automation and convenience.



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➤ **Plumbing Works** involves the installation, maintenance, and repair of water supply, drainage, and sanitation systems in buildings. It ensures the safe and efficient distribution of clean water and the proper disposal of wastewater, playing a crucial role in hygiene, comfort, and infrastructure sustainability.

- Water Supply Systems – Installing pipes, pumps, and tanks to deliver clean water.
- Drainage & Sewage Systems – Designing wastewater disposal systems, including sewer lines and septic tanks.
- Sanitary Fixtures Installation – Setting up sinks, toilets, showers, bathtubs, and faucets.
- Piping & Fitting Work – Selecting and installing appropriate materials like PVC, copper, or PEX pipes.
- Gas Piping Systems – Installing pipelines for gas supply in residential and commercial buildings.
- Rainwater Harvesting Systems – Setting up tanks and filters to collect and store rainwater.
- Plumbing Maintenance & Repairs – Fixing leaks, replacing broken pipes, and unclogging drains.
- Fire Protection Plumbing – Installing fire hydrants, sprinkler systems, and water supply connections for firefighting.



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- **CCTV Installation Work** installation involves setting up security cameras and related systems to monitor and record activities in residential, commercial, and industrial areas. It enhances security, helps prevent crime, and provides surveillance for safety and operational monitoring.
- **Site Assessment & Planning** – Analyzing locations to determine the best camera placements.
 - **Camera Selection** – Choosing the right types (IP cameras, analog, dome, bullet, PTZ, etc.).
 - **Wiring & Cabling** – Installing power and data cables for connectivity.
 - **DVR/NVR Setup** – Configuring Digital Video Recorders (DVR) or Network Video Recorders (NVR) for video storage.
 - **Remote Access & Monitoring** – Setting up mobile and remote viewing via the internet.
 - **Motion Detection & Alerts** – Integrating AI-based surveillance features for security alerts.
 - **Power Backup Systems** – Installing UPS or battery backups to ensure continuous operation.
 - **Testing & Configuration** – Adjusting camera angles, resolution, and storage settings.
 - **Maintenance & Troubleshooting** – Regular checks, firmware updates, and resolving technical issues.



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A.K. Engineering With over 28 years of experience in MEP (Mechanical, Electrical, and Plumbing) design and build, this company is directed by **Mr. Aji Kumar V**

Conclusion:

These disciplines work together to create well-structured, safe, and comfortable buildings. Civil engineering provides the foundation, electrical engineering powers the facility, interior design enhances usability, fire fighting systems ensure safety, and plumbing enables essential water management. A well-coordinated approach ensures long-lasting and efficient infrastructure.

- All Electrical Works
- All Plumbing Works
- HVAC Division
- Sub Contract Fire Alarm & Fire Fighting Works
- Annual Maintenance for all kinds of Air conditioning
- Painting & Flooring, Shuttering, wall tilling
- Complete CCTV installation

Thank you for choosing **A.K. Engineering**. We look forward to working with you to build a safer and stronger future.

Reach us @

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A.K. Engineering – The Feel that makes you feel,