

Electrical Engineering for the CEMENT INDUSTRY



Cement Expertise



H2E has proven Electrical Engineering expertise in supporting all facets of mining including crushing, milling, clinkerization and storage.

Capital Planning & Support



H2E collaborates with you in developing short and long term strategies, including budget and CapEx estimates, to achieve your operational objectives.

Power Distribution



From Substation to Low Voltage Plant Distribution, H2E has the unique in-house expertise to design your complete power Medium and Low Voltage systems.

Plant Control Systems



H2E's Automation group provides integration upgrades, custom designs, and network solutions.

Start-up & Commissioning



All H2E developed software and control packages are commissioned by H2E engineers on your site ensuring functionality and safety requirements.

Safe & Certified



Our engineers come to your site equipped with MSHA 5000-23 certification.

H2E looks at your plant the way you do, with an eye to making it safer, cleaner, and more productive.

Service tailored to your needs

From the substation down to each HMI screen, energy efficiency to carbon capture, H2E provides all your power and automation support.

Controls & Automation Engineering:

- PLC development and system upgrades
- SCADA and HMI development and upgrades
- Safety system design/FMEA/HAZOP/SPOF
- Instrumentation design
- Burner management systems
- Panel design and fabrication
- Radio communication systems

Electrical & Power Distribution Engineering:

- Medium voltage power system design, specification, procurement, and upgrades
- Plant one-lines and motor control schematics
- Power studies: arc flash, harmonics, coordination
- Project analysis and ROM budgeting
- Design and drafting services

