

Corning is a world's leader in specialty glass and ceramics, with a 167-year track record of life-changing inventions. It operates on a truly global scale, with approximately 45,000 employees in 107 locations worldwide. And Corning is one of the largest foreign manufacturing investor in Taiwan with five locations across four cities, including Taipei, Hsinchu, Taichung and Tainan. Corning applies its unparalleled expertise in glass science, ceramics science, and optical physics. Our industry-leading products include LCDs that are used primarily in LCD televisions and flat panel desktop monitors, which keep changing the way people live and work around the world

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## Electrical Power Engineer

### Position Description

#### Purpose of the Position:

Setup the bench strength of electrical power engineering capability in Taichung office to support growing business request in Asia region.

#### Job Responsibilities:

- Be responsible for the design and implementing systems for the generation, transmission and distribution of electrical energy systems as well as related auxiliary equipment/devices to support Corning manufacturing facilities and process equipment.
- Be responsible for electrical system, equipment and devices such as transformers, switchgears, switchboards, generators, motors, UPS, ATS/CTTS...etc. as well as power electronics and control systems.
- Perform design work hookup, software and hardware specification and software programming.
- Perform system integration test, fixing 100% of potential issues before handing over to receivers
- Archive all required documents orderly, complying with Corning specifications, and make the sum up list. Master the structure of all program code. Provide the receiver with complete instructions so they can perform daily operation and maintenance perfectly

### Education & Experience

- BS/MS in Electrical Engineering
- Accept experienced or fresh candidate

### Required Skills

- Good English capability, better in verbal
- Fundamental understanding of electrical systems, electrical power substation, High/Medium/Low voltage equipment and devices such as switchgears, switchboards, transformer, generator, motor, UPS, ATS/CTTS, protection relay/breaker etc. are essential
- Power System Analysis i.e.
- Load Flow Analysis
- Fault Analysis and Short Circuit Current Calculation
- Protection & Coordination Study
- Knowledge and experience in ETAP Software
- Hands on programming/configuration skills in the use of SCADA system

### Desired Skills

- Knowledge of and experience with Arc-flash Analysis.
- Knowledge of and experience with Harmonic Analysis.
- Knowledge of and experience with EasyPower Software.
- Experience in facility equipment and construction site management
- Excellent written and oral communication skills in English and Chinese (Mandarin).

## Other Information

- Extensive travel (75+%) to Corning Incorporated and vendor locations in Asia (China/Korea/Japan) depending on project assignments

## Contact Information:

Please apply with Chinese/English Resume to in-charged HR: Randy Li, [LiJ29@corning.com](mailto:LiJ29@corning.com)

104 Link: please search "MT&E-Asia Electrical Power Engineer".