

## E&I Design Engineer

Based on a large chemical plant we have an opening for an **E&I Design Engineer**

### Vacature omschrijving

Depending on your experience you will lead, coordinate and/or contribute in project scope definition, front-end loading studies and detail design engineering for site managed projects. This includes equipment inquiry and order specifications, labor packages, technical documents, as-builds and direct technical plant support. The majority of the work will be part of multi-discipline projects for which good team player and communication skills are required.

#### Key responsibilities include:

- ✓ Basic design for instrumentation and related electrical components and feeders, including P&ID checks, block & loop diagrams, instrument data sheets and IO lists;
- ✓ Sizing / selection / validating process instrumentation and corresponding hookups;
- ✓ Sizing / selection / validating control and automated block valves;
- ✓ Sizing / selection / validating (low voltage) electrical feeders and equipment, such as motors, variable frequency drives (VFD), uninterruptable power supplies (UPS), rectifiers / chargers feeder panels, electrical tracing and corresponding cables;
- ✓ Design and engineering according to Dow, national and international codes and regulations;
- ✓ Using environmental, safety and loss prevention principles;
- ✓ Field verification for detailed engineering;
- ✓ Provide input for cost estimates, quality and efficiency measurements; Contact for client and partners for technical questions and participation in (inter)discipline and project meetings;
- ✓ Leading and guiding E&I work for projects executed by external engineering companies and the Central Engineering Center - Chennai (CE-C).

#### Advanced / growth responsibilities:

- ✓ E&I area lead, which holds extended responsibilities such as:  
leading a small team of designers / engineers,  
controlling all projects in a number of plants,  
managing outsourced work,  
providing input for correct staffing of projects, o participation in regular project and progress meetings;
- ✓ Direct technical support for client, process engineering, process automation, construction and maintenance partners and related activities; Validating process data and process packages;
- ✓ Participation in HAZOP studies and SIL assessment and Root Cause Investigations;
- ✓ Participations in global technology teams;

### Je profiel

- ✓ Bachelors or Master's degree (preferred) in engineering, preferably with a minimum of 5 years' experience within E&I engineering.
- ✓ Good communications and social skills.
- ✓ Fluency in English and Dutch or willing to learn Dutch.

- ✓ Knowledge of regulations and codes, such as ATEX, NPR, NEN and IEC, working experience in SPI and 2D CAD tool and working in the chemical industry is an advantage;
- ✓ Willing to develop skills in both instrumentation and electrical engineering and (Dow) tools wherever gaps exist;
- ✓ Experience with common (Windows) computer office tools.

### **Wat bieden we**

Nouvall offers a competitive and flexible employment package, with f.e. possibilities for a company car, extra holidays, extra project allowance etc.

**Referentie:** 1729

**Projectfase:** Engineering

**Discipline:** Electrical

**Functie:** Engineer

**Functie niveau:** Medior

**Regio:** (NL) Zeeland

**Opleiding:** Bachelor

**Ervaring:** 3-8 jaar

**Contracttype:** Project

**Geplaatst:** 01-01-1970

**Adviseur:** Michiel van de Voort

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