

HR E-Recruiting

External Publication of Job Posting 50352774

Job Posting Title

NC50352774e - Senior Engineer - ESO (Chemical)

Start Date

03/08/2010

Reference Code

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Job Title

NB50352767 - Senior Engineer - ESO

Company

DTE Energy is a Fortune 500 company based in Detroit, MI. We are a diversified energy company, involved in the development and management of energy-related businesses and services nationwide. Our operating units include Detroit Edison, an electric utility serving 2.2 million customers in Southeastern Michigan, MichCon, a natural gas utility serving 1.3 million customers in Michigan and other non-utility, energy businesses focused on coal and gas mid-stream services, power and industrial projects, unconventional gas production and energy trading. Information about DTE Energy is available at www.dteenergy.com/businesses.

DTE Energy is an equal opportunity/affirmative action employer.

Job Scope (Job Summary)

Location: Is not yet determined but will be at one of our locations in the Metro Detroit area of Michigan

Experienced Level Chemical Engineer Position. Typical assignments are in the areas of engineering or scientific design, problem solving, and technical support for the optimum operation and maintenance of power plant equipment and systems with a focus on power plant chemistry, including cycle chemistry control and water treatment. Requires the use of advanced techniques and the modifications and extension of theories, precepts, and practices in the field of chemical engineering and related sciences or disciplines. Makes decisions independently on engineering problems and methods, and represents the organization to resolve important questions. Works independently, participates on teams, and leads teams as required to meet goals and objectives. May be assigned to provide work direction to professional and/or represented personnel. Descriptions and/or to coordinate and review their work.

- Develops and implements new or improved techniques/procedures to improve power plant chemistry
- Develops, coordinates, and directs important project or field engineering assignments with complex features to resolve power plant chemistry problems or to improve performance
- Keeps up to date on current technology related to power plant chemistry
- Provides guidance on company and industry codes and standards
- Provides technical services, support, and expertise to others within and outside DTE Energy
- Provides work direction, training, and technical guidance as required
- Identifies alternative solutions, then recommends and implements best solutions to complex problems involving the engineering, design,

operation, and maintenance of company assets

- Develops and maintains effective, economical power plant chemistry programs to minimize O&M costs, to maximize equipment and system availability, and to maintain compliance with Company standards.
- Monitors and reports on the status of those programs.
- Develops and presents clear, concise presentations and reports.
- Plans and manages individual and group workflow to meet budgets and schedules.
- Interfaces with supply chain, outside departments, vendors, and suppliers.

Qualifications

- Bachelor's degree in Chemical Engineering.
- Seven years of job-related experience in specified discipline (6 years with a Master's degree, 3 years with a Doctorate degree), and/or equivalent experience in a related engineering discipline and/or supervisory position with a degree in chemical engineering, or any combination thereof.
- Computer Skills: Proficiency in computer applications applicable to specific work field/discipline
- Ability to give presentations, manage multiple projects, train and mentor others.
- Ability to apply and interpret industry codes and standards in related discipline.
- Communicates effectively both orally and in writing with people at all levels within/outside the Company.
- Knowledge of applications, equipment, and use of systems specific to past work experience.

Additional Information

If you are interested in applying for this or other opportunities visit our website at www.dteenergy.com , select Careers, then select Search and Apply.

Work Contract Type

Regular

Working Time

Full time

Branch

The Detroit Edison Company

City

Detroit