



Example of Process Chemist Job Description

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Our company is growing rapidly and is looking for a process chemist. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for process chemist

- Ensures that the ongoing integrity of process plant safety and performance is maintained and operationally effective
- Assist in reviewing plant performance by devising and performing laboratory trials, maintaining records of findings/results and prepare/present reports of tests with any appropriate conclusions and recommendations
- Identify areas for improvement or rationalisation of process plant and develop supporting rationale
- Assist in analytical test procedures and laboratory Standards of Competence ensuring their quality and validity and that all laboratory standards are maintained to ISO 14001 requirements
- Provide specialist technical advice and assistance to personnel within Production Operations and liaise with a diverse range of external analytical services and contracts enhancing in-house analytical expertise
- Conduct laboratory trials in support of commissioning activities supporting the new gas production facility
- Assist Operations in the sampling of liquids and solids for routine and non-routine testing from designated sample ports
- Routinely assess the effects of current activities advising measures to identify hazards, prevent pollution and minimise health and safety risks and environmental impacts to senior management
- On the basis of risk assessment provide safe, healthy and environmentally friendly working conditions, supported by laboratory systems
- Reduce and where feasible eliminate discharges, emissions and waste that

Qualifications for process chemist

- Ability to analyze data with various statistical programs and prepare reports
- Must be able to work independently with a team to meet strict deadlines
- Knowledge of Process Analytical Technology and Chemometrics
- Knowledge and experience of inorganic solution analysis
- Knowledge and experience of X-Ray Fluorescence and UV-Vis spectroscopy
- Ability to learn quickly and adapt analytical techniques to the needs of the business