



## BASIC ROLE DETAILS

**TITLE:** Senior Well Engineer

**REGION:** Alkmaar

**DEPARTMENT:** Drilling & Wells

**MANAGER:** Drilling & Wells Manager

**ROLES REPORTING INTO THE ROLE:** Well Engineer,  
Company representatives

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## GENERAL

TAQA ranks as one of the largest energy and water companies in the world. Our purpose: “powering a thriving future by efficiently providing sustainable and reliable energy and water to unleash the unlimited potential of people and places”.

With over 30 nationalities across the global organisation, we are committed to promoting a corporate culture where everyone is valued and able to play their part in building our future success.

In the Netherlands, we focus on the on- and offshore production of oil and gas as well as the operation of two underground gas storage facilities. The latter are strategic assets in the provision of reliable gas in the Netherlands. Their importance will only increase in the coming years as the greater dependence on gas imports will mean domestic storage becomes key to maintaining security of supply.

The energy landscape in the Netherlands is changing, and TAQA is supporting the energy transition in two key ways: we are contributing to continuity of gas supply in the short-term as the transition agenda moves forward. We are also participating in large-scale sustainability developments such as hydrogen and green gas expertise center Investa and Porthos, a CO<sub>2</sub> capture and storage project.

You will be given a lot of responsibility when you join the company, which you are expected to take. And you'll get the space you need to do your job. Individual and team contributions really make a difference at TAQA.

Our success as a company depends on the engagement and passion of our people. Although our organization is large and global, locally we work with short reporting lines in an open and informal culture. We strive for diversity when attracting talent to our organisation and give your personal development our full attention.

***In all we do, safety is our first priority. The safety and care of our people, as well as our surroundings and the environment.***

## ROLES AND RESPONSIBILITIES

The Senior Well Engineer acts as the company's technical representative and is accountable for the technical planning and monitoring of the work over, drilling and completion programs.

The Senior Well Engineer will be working on the Porthos CCS project (<https://www.porthosco2.nl/>). This will involve the preparations and execution of a complex offshore workover/sidetrack in Q4 2021 and preparations for the workovers and decommissioning currently scheduled for 2023.

## KEY RESPONSIBILITIES

### Design and Operations

- Prepare well design, abandonment design, drilling / abandonment / workover / well intervention programs in accordance with industry recognised technical criteria and applicable Mijnbouwwet / TAQA / NOGEPa regulations & standards, to achieve objectives in a safe and cost-effective manner.
- Well design consists of but is not limited to: directional design, drilling fluids & hydraulics design, drill string design, well control planning, casing design, completion design, cement design & well integrity.
- Prepare AFE's and monitor cost control
- Ensure equipment and services are procured for the planned well activities.
- Ensure procedures are technically valid and applicable to the specific well conditions.
- Ensure equipment and materials meet technical and quality control standards
- Monitor and evaluate well conditions in conjunction with the Drilling & Wells Manager and the Operations Geologist
- Develop and maintain contingency plans for potential problems that could occur during execution of the drilling program.
- Communicate with Service Contractors about technical requirements, issues and changes to the drilling program.
- Work together with the Well Services Superintendent on complex well integrity issues.

### Reporting

- Ensure the quality and accuracy of all drilling reports including End Of Well Reports before distribution.
- Provide reporting on potential improvements and methods for initiating change on future projects.

### HSSE

- Assist the Well Engineering Manager to supervise the HSSE system.
- Support the Well Engineering Manager in the event of an emergency response situation.
- Observe all company Health, Safety, Security and Environmental instructions, act in a safe manner and avoid unnecessary risks to personnel.
- Immediately report any unsafe conditions or activities, dangerous occurrences or injuries in the workplace.
- Development of procedures for wellwork activities incorporating company standards, rules and regulations to continuously guarantee safe operations.
- Ensuring contractor selection takes into account HSE criteria in support of TAQA policies.

## Other

- Involvement in peer reviews and partner operated reviews
  - Contribution to industry projects through NOGEPa and Nexstep EBN Decommissioning initiative.
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## JOB DIMENSIONS

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Financial authority and/or budget responsibility not applicable. When and where applicable the Senior Well Engineer will provide input and advise to team members with financial authority and/or budget responsibility.

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## QUALIFICATIONS, EXPERIENCES AND SKILLS

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### QUALIFICATIONS / TRAINING

#### Essential

- Engineering or science degree from a recognised university
- Current IWCF Well Control certification on supervisor level
- Practical experience with a recognised drilling engineering software package

#### Preferred

- Specific petroleum engineering qualifications
- Experience with Landmark drilling engineering software

### EXPERIENCE/KNOWLEDGE/SKILLS

#### Essential

- Minimum of 10 years oil and gas well operation and design experience

#### Preferred

- Experience in completion design and/or operations
- Experience in both onshore and offshore well operations
- Relevant exposure to the well site operations

### ADDITIONAL REQUIREMENTS

- Demonstrated communication skills
- Good data management and computer literacy

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## INTERACTIONS

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### INTERNAL INTERACTIONS

- Well Design, Abandonment Design and preparation of Well Intervention activities requires interaction with the Subsurface Department.
- Interaction with the Well Services team on pre/post-rig work and well integrity subjects.
- Interaction with the Supply Chain Team for contracting of materials and services.
- Execution of activities requires interaction with the operations department.

### EXTERNAL INTERACTIONS

- Communicate with service contractors about technical designs, operational issues and any changes in the drilling program.
- Communication with partners and external project teams
- Communication with the independent Well Examiner
- Regulator (SODM) correspondence

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## DETAILS

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**ESTIMATED START DATE:**

**As soon as possible**

**WORKING HOURS:**

**Fulltime**

**DURATION:**

**Indefinite, starting with a year contract**