

## Process Engineer - Bilfinger

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Company: Talent Pal

Location: Manama

Category: architecture-and-engineering

### ProcessEngineer

Location: AlManama

In the Middle East Bilfinger is one of the leading service providers of engineering and consultancy services project management construction maintenance O&M and life cycle services. We enhance the efficiency of our clients assets ensure a high level of availability and reduce maintenance costs. With our 4.000 employees we are a leading German corporation where engineering excellence safety and quality are part of our DNA. With four entities in the Middle East (Bilfinger Tebodin Middle East Bilfinger Deutsche Babcock Emirates Babcock Borsig Service Arabia Babcock Borsig Steinmüller Kuwait) and over 10 offices across the region we offer job opportunities that allow you to utilize all your knowledge and experience. Are you looking for a chance to put your skills to their best possible use Then we have what you are looking for!

### Responsibilities:

Undertake routine and non-routine Process Engineering activities (i.e. process calculations H&MB generation PFD /P&ID development process data sheets preparation review of documents prepared by other

disciplines)

Ensure that all work is completed without compromise to quality and is delivered according to the project schedule

Preparation of Statement of Requirements (SOR) for projects as per client requirements

Prepare all relevant process deliverables and ensure that they conform to all applicable engineering codes and standards as well as the Client's procedures and standards

Participate in HAZOP HAZID and SIL reviews and implement HAZOP HAZID and SIL review recommendations to Process Design

Represent Company as a Process Engineering contractor in meetings and at site with client subcontractors and suppliers.

### **Required Skills/Abilities:**

Minimum Bachelor Degree in Chemical Engineering.

Extensive background in concept / feasibility studies options evaluation and detail process design of upstream oil & gas processing facilities and water transmission systems.

Knowledge of the design and operation of upstream oil & gas processing plants and process equipment commonly used in these installations.

Experience with process equipment specifications selection and evaluation.

Thorough knowledge and understanding of the fundamentals of process engineering design.

Experience of working on both greenfield and brownfield (expansion / debottlenecking) projects.

Experience of conducting Process studies and proficient in technical report writing.

Experience of preparing essential project/technical documents such as Scope of Work Basis of design Functional Design Specifications etc.

Experience of preparing various design philosophies.

Strong experience in using Process and Hydraulic Simulation tools (ASPEN HYSYS /

UniSim /PROII / DYN SIM / PipeSim / PIPENET/ FATHOM/ FLARENET / WANDA /HTRI).

Large benefit with some knowledge of surge analysis flow assurance and dynamic simulation concepts and simulation tools.

Experience in Relief and Blowdown calculations and flare system design.

Knowledge of Process Control considered beneficial e.g. Process Control Philosophy Cause and Effects.

To apply please submit your CV in English through the system containing as a minimum your contact details education level relevant experience and earliest possible start date.

Any applicant must be aware that the selection of candidates is at the sole discretion of the employer. Applicants will not receive any communication unless they are selected for an interview. Only applicants that have responded to vacancies through the online form will be considered.

Engineering & Consultancy Tebodin Middle East Ltd. Branch Bahrain Permanent White collar workers Graduate Engineering Process

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