

# CURRICULUM VITAE

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**Name:** Hadeel Abu Sharkh

**Designation:** Engineer I - Process

**Nationality:** Jordanian

**Gender:** Female

**Education:** Bachelor of Science in Chemical Engineering, 2010  
Minor in Engineering Management  
American University of Sharjah, UAE

**Contact details:**



## **SUMMARY:**

Driven and hard-working engineer with continuous improvement mindset and more than 8 years of experience in Process Engineering, working in a challenging environment on various stages of oil and gas projects including proposals, Front End Engineering and EPC/Detailed Engineering.

## **TECHNICAL SKILLS:**

- Knowledge of Reference Designation System (RDSPP) for wind Power Plants.
- Experience in utilities systems design and calculation for offshore substation platforms.
- Preparation of process engineering activities and deliverables like PFDs, UFDs, P&IDs, line hydraulics, equipment sizing
- Preparation of Process reports, datasheets, summaries, and lists.
- Knowledge of PSVs sizing and Flarenet hydraulic simulation for the plant relief system.
- Knowledge of HYSIS simulation software and the usage of different sizing spreadsheets.
- Review ITB documents capturing design requirements and inconsistencies and provide input to the list of assumptions, qualifications, and deviations.
- Review of technical documentation and ensuring compliance to standards and design specifications
- Active interaction with engineering disciplines and client

## **EXPERIENCE RECORD:**

### **Petrofac International Ltd. Sharjah-UAE (September 2012 – April 2020)**

#### **RDSPP specialist (April 2019-Present)**

##### ***Hollandse Kust Zuid Alpha Platform Project***

- Implementation of Reference Designation System for Power Plants (RDSPP) on engineering drawings.
- Maintain a live copy of the item designation list throughout the project with continuous update and issue internally and externally.
- Active and ongoing interaction with engineering disciplines and client.
- Review of vendor diagrams to ensure tagging system is implemented as per client requirement and comments.

#### **Process Engineer II (September 2018-April 2019)**

##### ***Hollandse Kust Zuid Alpha Platform Project***

- Perform utilities systems design and calculation for offshore substation platform.
- Ensure that all applicable specifications and standards are implemented in the design.
- Carry out complete review cycles of vendor documents.
- Inter-discipline discussion and closure of various design issues while ensuring the proper implementation of client requirements and expectations.

#### **Process Engineer II (March-2017-September 2018)**

##### ***Phase-II BP Khazzan Expansion Project (Ghazeer)***

- Build LT flare system hydraulic model (Flarenet) with performing applicable hydraulic runs.
- Perform different types of calculations e.g. line hydraulics, KO Drums sizing, PSV calculations, inbreathing and outbreathing calculations.
- Contributed to preparation of flare hydraulic report, flare package datasheets, PSV IPDs, relief load summary and relief valve sizing calculations report.
- Carry out complete review cycles for PSV vendor offers.

#### **Process Engineer II (November 2016- February 2017)**

##### ***Yibal Khuff project - Oman***

- Scribed several HAZOP and design review sessions.
- Support the process team in HAZOP actions close-out and implementation on P&IDs

#### **Process Engineer II (June 2016 - October 2016)**

##### ***Dolwin-6, TENNET, offshore HVDC converter platform Proposal***

- Review ITT documents capturing all design requirements and inconsistencies.
- Provide input to the list of assumptions, qualifications, and deviations.
- Preparation of utility design basis and process narrative.
- Preparation and raising of technical queries to client.
- Preparations of Equipment list, Fluid list and Need list.
- Development of PFDs and P&IDs.
- Carry out different calculations for tanks sizing, pump hydraulics, line hydraulics.

**Graduate Process Engineer (April 2014- June 2016)**

***BORWIN-3, TENNET/SEIMENS, Offshore HVDC converter platform***

- Involved in developing P&IDs, Line List, Tie-in list, Equipment list, Process datasheets for tanks and pumps with preparation of their checklists.
- Carry out different calculations for tanks, pump hydraulics, line hydraulics.
- Participation in Contract documents review.
- Preparation of Line Sizing Calculations Report.
- Providing input to instrument and mechanical for the datasheets.
- IDC comments discussion and closeout with other disciplines.
- Preparation of Technical queries to Client.

**Graduate Process Engineer (June 2013- March 2014)**

***Several offshore proposals, e.g ADMA OPCO SARB-PKG-3, ADMA OPCO AL-NASR, Badamyar Development Proposal, TOTAL EP MYANMAR***

- Verification for consistency of process data in the tender documents.
- Preparation of technical queries and providing input to Risk Register.
- Performed line hydraulic calculations.
- Preparation of tie in lists, line list and equipment list.
  - Seeking any process design optimization opportunities.
- Participated in preparation of proposal P&IDs.
- Assist lead engineer in different proposal activities.

**Graduate Process Engineer (September 2012- March 2013)**

Attended Petrofac Graduate Training Program (SIT)

**DANAGAS PJSC, Sharjah – UAE (Jan 2010- Dec 2011)****Assistant Process Engineer**

- Reviewed and updated process design documents, reports and drawings submitted by contractor under supervision of senior process engineer
- Carried out in-house process plant simulations using HYSIS
- Participated in various internal process optimization feasibility studies
- Technical report writing
- Attended different workshops for various HSE studies and assessments, including HAZID and HAZOP, for the health and safety of both company staff and the wider community

**Project Coordinator**

- Establish effective communication interfaces with company, Contractors and sub-contractors, and others for all areas of the project.
- Arrange contract co-ordination and progress meetings on a weekly basis.
- Issue progress reports as required by the contract. Receive and distribute to Project Manager and other project team members all relevant communications with adequate guidance where action by others is required.
- Participated in bidding and tendering stages
- Co-operate with different departments and provide all kind of help in verifying technical queries, reviewing contractor's timesheets and invoices