

Junior Mechanical Engineer

Degree of education · Mechanical Engineering MSc.

Present Position **Junior Mechanical Engineer**

**Current
 Responsibility**

- Actively participate in the planning and preparation of design offers, including technical scope definition, conceptual design, time scheduling, cost estimation, 3D model, detail design (layout, pipe routing, piping class, mechanical equipment, system design), as built package as well
- Based on the experience gained as a fresh graduated engineer in the Dosing Skid Industry, prepare conceptual (3D) design independently after internal clarifications
- As a Junior Engineer, I am responsible for 3D design and design documentation preparation in detail design under the direction of the project leader

**Qualifications /
 Certificates**

- Certified Solidworks Professional

Software knowledge

- MS Office
- AutoCAD, DraftSight
- SolidWorks / SolidEdge / SolidPlant (plant design)

Employment History

- Engineering LLC (for 3years) Junior Mechanical Engineer
- Engineering LLC (for 2 years) Fresh Graduated Mechanical Engineer



WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Fresh Graduated Mechanical Engineer for 3 years	<ul style="list-style-type: none"> • Participation in Skid Unit Offer Preparation for Dosing-, Transfer-, Chemical Storage Skids including conceptual design (especially 3D model preparation), and preliminary MTO for cost estimation. Offers are prepared for several end-users such as Saudi Aramco (including Petro Rabigh, SATORP, SAMREF, YASREF), NALCO Saudi Company Ltd. Jacobs ZATE, SABIC, MUSTANG-HDP, FARABI / Petrofac. • Refurbishment of existing Sodium Cyanide Auto Dosing Skid for Ma'aden Gold and Base Metals Company. • Mobile Petrol Filling Unloading Unit – Detail design. • Adria Transfer Pump Shaft Sealing System refurbishment- Detail design.
Procter & Gamble	<ul style="list-style-type: none"> • Closed Shaft Sealing System for process pumps(detail design) • SHELL Fuel Additive Dosing System – Conceptual design for EPC offer elaboration.
Junior Mechanical Engineer for 2 years	<p>SADARA (Kingdom of Saudi Arabia)</p> <ul style="list-style-type: none"> • HCL Dosing Skid Units – Detail Design <p>COLUMBIAN CARBON CO.</p> <ul style="list-style-type: none"> • Tail Gas Seal Water Drum replacement • Waste Heat Utilization of Air Compressors <p>NALCO SAUDI COMPANY LIMITED (Kingdom of Saudi Arabia)</p> <ul style="list-style-type: none"> • Cooling Water Treatment Dosing System, Trivia • Feasibility Studies for air cooler installation with connected piping system at Nuclear Plant, Veolia Water Solutions, Conserve Factory • Acetone and Methanol regeneration unit refurbishment Huntsman



WORK EXPERIENCE / REFERENCES

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- C10 Column Replacement, slop Tanks design and installation / equipment design support (CAD design)
- CLN (Continuous Linear Nozzle) pipeline design for JET fuel Tanks at Vancouver Airport, Canada (piping design activities)



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