

Calculation Engineer

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Company: 3C Metal

Location: dubai

Category: other-general

· Perform structural analysis of steel structures;· Detailed design of steel connections (welded/bolted) by analytical methods / hand calculations;· Perform lifting analysis of skids, modules and equipment;· Write technical reports and calculation notes in technical English as per the requirements of Classification Societies Rules and Regulations;· Review, check, and verify structural drawings, and supporting documentation related to the project in accordance with Client requirements;· Assist the project engineers during the preliminary studies, procurement, and installation phases;· Minimum 3-5 years of relevant experience structural design for the Offshore O&G Structures;· Engineering Master's degree (Civil/Structural/Naval engineer) or other related disciplines;· Active user of STAAD PRO – Mandatory;· Well versed in detailed design of steel connections with Mathcad / Excel· Knowledge of Finite Element Analysis (FEA) software such as ANSYS, FEMAP or equivalent is a major plus;· Understanding of industry related standards (e.g. AISC, API, ASME) and Class Rules (e.g. ABS, DNV, Norsok)· Technical knowledge of steel fabrication and steel material selection as per relevant Codes;· Experience with High Pressure Piping (HP) Design (5k/10k/15k psi) is a major plus;· Knowledge of Caesar 2 piping software is a major plus;· Knowledge of any programming language / macros is a plus;· Previous exposure with Mobile Offshore Units upgrade projects is a major plus;· Understanding of ship building drawings is a plus;· What we offer· Good benefits package· Flexible working hours· Recreational activities· Safe and healthy working environment where people can express freely their ideas· Opportunities for career developmentProfileFounded in 1995 in France, 3C Metal and its subsidiaries provide turnkey engineering solutions to the oil and gas, green technology,

renewable energy, power generation, marine and mining industries. 3C Metal's teams are specialists in the fabrication and supply of high-pressure piping and fittings, structural steel fabrication, pressure vessels, equipment installation and structural steel repairs and modifications. We are looking for a Calculation Engineer to join to perform structural analysis and prepares Calculation Notes compliant with the relevant industry standards. If you are looking for a new challenge, are self-driven, eager to learn and feel your experience matches the job description, please apply through the link below. Country United Arab

Emirates Location Dubai Minimum level of education

required Bachelor Qualification University Minimum level of experience required 2-5

years General information Reference 2024-136 Reference 2024-136 You may be interested in these vacancies

#J-18808-Ljbffr

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