

MECHANICAL / FABRICATION ENGINEER QUESTIONNAIRE

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|---|--|----------------------|----|----------------------|------|
| Name | | Age | | Ref | |
| E-mail | | Date | DD | MM | YYYY |
| Nationality | | Expected Salary (QR) | | Notice Period (Days) | |
| Have Valid Qatari / GCC Driving License | | Qatar Phone | | | |
| Highest Educational Attainment / Year | | | | | |

| No | Description | None | Familiar | Average | Good | Excellent |
|----|--|------|----------|---------|------|-----------|
| 1 | Develop & implement project HSE plan | | | | | |
| 2 | Prepare & implement QMS & EMS Policies | | | | | |
| 3 | Planning and administering a quality assurance program | | | | | |
| 4 | Fabrication and erection of steel structures, pressure vessels, and piping | | | | | |
| 5 | Preparation of MTO from P&I Drawings | | | | | |
| 6 | Estimate project manpower needs based on standard productivity norms | | | | | |
| 7 | Weight calculation and costing of steel structure | | | | | |
| 8 | Costing of Electro-Mechanical equipment | | | | | |
| 9 | Make detailed project resource requirements (materials, tools, equipment) | | | | | |
| 10 | Construction of Quay Walls, Piers, Jetties, Wharves, Fendering Works | | | | | |
| 11 | Core Drilling & Anchoring in concrete structures | | | | | |
| 12 | Sandblasting and coating of steel structures | | | | | |
| 13 | Rigging works and heavy lifting by cranes & rigging equipment | | | | | |
| 14 | Prepare technical material submittal & shop drawings | | | | | |
| 15 | Design & erection of scaffolding works | | | | | |
| 16 | Inspection of welding works and piping | | | | | |
| 17 | Hydro-Jet cleaning of process piping & coolers | | | | | |
| 18 | Full knowledge of Welding Codes, procedures, selection of electrodes | | | | | |
| 19 | Familiar with ASTM / ASME / ANSI codes & standards | | | | | |
| 20 | Prepare & implement testing procedures as per required standards | | | | | |
| 21 | Workshop management and inventory control | | | | | |
| 22 | Baseline Scheduling & Resources Estimation and Loading in Primavera | | | | | |
| 23 | Piping & Hydraulics design | | | | | |
| 24 | Generate preliminary & detailed design calculations & drawings | | | | | |
| 25 | Design of marine vessels, barges and marine equipment | | | | | |
| 26 | Design mooring winch, windlass and rigging equipment for ships | | | | | |
| 27 | Stress Analysis software | | | | | |
| 28 | Design skills in AutoCAD with wire frame & surface modeling | | | | | |

Remarks: Please put a (√) next to the subject that you have experience in:

- ASNT II Certificates: RT UT MT PT Fire-Fighting Training Hydro-testing
 Formal First Aid Training Write method statements for all activities

Types of Tools & Equipment That Can Operate: