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|  | Ahmad  [Ahmad.200724@2freemail.com](mailto:Ahmad.200724@2freemail.com) | **SUMMARY**  Senior Civil/Structural engineer with EPC Oil& Gas experience for both conventional & modular plants. Area of experience covers receiving ITB documents, Checking split of work, estimation work for bidding phase, detailed engineering work for structures within processing facilities (pipe racks, equipment supporting structures....etc.), Coordination work between civil department & other disciplines. Also covers modular plants of all above mentioned aspects in addition to transportation & lifting design of process modules that varies from skids to complex modules & modular pipe racks, coordination with fabrication yard & client side. Client experience includes major clients like Saudi Aramco, BAPCO,  ADMA-OPCO And KJO. Market experience includes work in different locations KSA, UAE, Japan, Oman, and Egypt.  EXPERIENCE Senior Structural Engineer, Global Process systemsDubai, UAE — Feb-2012Job Description  * Develop cost effective, safe and fit for purpose structural engineering design solutions. * Review and verifies vendors’ information. * Carry out single discipline (SDC) and inter-disciplinary (IDC) checks for the project. * Design of modular steel structures (Process modules, Skids, Modular Pipe racks….etc.). * Design for inplace condition. * Design for transportation condition. * Design for lifting condition. * Design of lifting arrangement (Slings, shackles, Spreader bam, Pad eyes). * Design of conventional steel structures. (Pipe racks, equipment supporting structures…etc.). * Prepare staadPro template for the Project. * Prepare foundation loading data for foundations engineers. * Prepare weights & COG data for lifting in site. * Prepare calculation sheet & check drawings. * Prepare project MTO for process modules. * Coordinate with other engineering disciplines (piping, Static equipment …. Etc.). * Coordinate with procurement department for available material stock in the market. * Supervise structural designers (4 NOs). * Check Calculations prepared by engineers (2NOs). * Revise 3D model for clash check before 3D model review with client. * Reply to client’s inquiries & comments. * Reply to fabrication yard inquiries. * Follow up with PMT for deliverables status & progress. * Follow up with document controllers for deliverables issuance. * Update deliverables control sheet for structures of my scope.  Structural Engineer, ECHGiza, Egypt — Dec 2010-Feb 2012Job Description  * Design of industrial steel structures. * Coordinate with other disciplines (Architectural, MEP, PMT….etc). * Carry out single discipline (SDC) and inter-disciplinary (IDC) checks for the assigned projects. * Prepare calculation sheet. * Revise calculation reports by contractors. * Prepare engineering drawings. * Revise fabrication drawings submitted by fabricators. * Maintains, Controls and monitors Structural Quality Assurance System based on ECH quality system. * Adhere to all COMPANY and CLIENT Procedures * Participate in Audits  Structural Engineer, JGCYokohama, Japan / Al khobar, KSA — Mar 2008-Nov 2010Job Description  * Estimation work for structures (Pipe Racks, Equipment supporting Structures…etc). * Estimation work for foundations (for structures, for equipments, .etc.). * Prepare bill of materials. * Check split of work. * Develop cost effective, safe and fit for purpose structural engineering design solutions. * Review and verifies vendors’ information. * Carry out single discipline (SDC) and inter-disciplinary (IDC) checks for the assigned projects. * Design of steel structures. * Design of foundations (for steel structures). * Prepare calculation sheets. * Supervise drafts men for preparing engineering drawings. * Perform site visits and surveys. * Revise fabricators offers. * Review fabrication drawings received from fabricators. * Demonstrate an overriding commitment to health, safety, security and environmental responsibility. * Comply with JGC Integrated Management System for Safety, Quality and Environment  Estimation Structural Engineer, Mammut building systemsAbu Dhabi, UAE — Mar 2007-Feb 2008Job Description  * Design of steel structures. * Make bill of quantities. * Handle meetings with clients for technical matters. * Make price estimation of the project and prepare quotation. * Coordinate with purchasing department. * Coordinate with engineering department for deliverables issuance  Structural Engineer, Zamil Steel6th of October, Egypt — Jul 2006-Mar 2007Job Description  * Design of steel structures. * Prepare calculation sheets. * Prepare engineering drawings.  Construction Engineer, Nabq sainai for hotels & resortsSharm Al sheikh, Egypt — Dec 2005-Jun 2006Job Description  * Supervise construction of concrete structures. * Check plans for daily activities in site. * Approve materials & Vendors according to project specs. * Monitor contractor’s progress according to schedule & Budget. * Make and revise quantity bills for concrete structures.   EDUCATION Ain shams universityBSc of civil engineering — 2005 SKILLS Computer Skills  * AutoCAD (excellent) * Tekla Structures v.14”for engineering drawings”(good) * Staad.pro (excellent) * OpenSTAAD Programming (basic) * Microstation (basic) * Navisworks (excellent) * Microsoft office (excellent) * Lotus notes (good)  Language Skills  * Arabic : Mother Tongue * English : Excellent command of written and spoken * French : Beginner   Familiarity with industry codes and standards   * AISC 9th edition * ACI 2002 * UBC * IBC 2003 * MBMA 86,96&2002 * ASCE 2002 * SAES (Saudi Aramco Engineering Standards) * ADMA-OPCO Engineering Standards * API 2218   PERSONAL DATA Nationality : EgyptianMarital Status : SingleMilitary status : exempted finallyDriving license : Egypt, UAE & KSA |