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**Ravichandran Site Lifting Manager**

[*Ravichandran-399031@2freemail.com*](mailto:Ravichandran-399031@2freemail.com) *WhatsappNo:+971-504753686*

A Critical Lifting professional with 20+ years of experience in the Oil & Gas construction sector. Proven history of delivering quality, timely, and cost-effective lifting services to support key projects. Excellent interpersonal skills including team selection and training as well as tool box talks and hands-on team leadership.Familiar with national and international standards related to lifting engineering best practices. Fluent English, Hindi, Tamil, Malayalam, Telugu, and Bengali. ***Areas of Expertise include:***

|  |  |  |
| --- | --- | --- |
| * Heavy Lifting Operations * Risk Management * Procedural Development * HSE Management * Compliance * Employee Training | * Project Management * Testing, Inspection & Certification * Heavy Lift Route Studies * Reporting * Contractor & Vendor Management * Plant/Equipment Overhaul | * Lifting Management System Maintenance * Forecasting & Resource Planning * Auditing * Installation &Commissioning * AutoCAD, SAP, CSMS * Plant/Equipment Maintenance |

**Professional Experience**

**Abu Dhabi based company, UAE.**

**Lifting Team Leader** • 12/2019 - Present

Scheduling, planning and budgeting, developing lifting and rigging procedure. Review and approval of engineered lift plans. Managing day to day routine rigging activities, Safe execution of heavy lift program.

Using cranes ,Jacking systems, gantry system and skidding of columns, heat exchangers, Turbine Generators, Separators, modules, structural assemblies, vessels And first of a kind equipment. Advanced rigging studies. Rigging engineering duties & development of new techniques.

Planning, scheduling and safe execution of all lifting and rigging operations covering all lift categories

Develop HSE site specific lifting and rigging procedures using International standards, and Local jurisdictional standards and legal requirements. (Middle East).Develop, training and implementation of training programs for local workforce to meet International standards and qualifications.

Preparation of lift plans for routine, no routine, heavy and critical (Engineered plans). Review, approve all contractor engineered lift plans and witness all heavy and critical lifts. Survey & review all transportation plans for heavy haul transportation. Documentation archiving, auditing scheduling and planning of all lifting and rigging activities.

Management of all lifting and rigging sub-contractors monitoring and overseeing all lifting and rigging .Planning and scheduling of all lifting activities to ensure maximum utilization of all cranes and equipment. Inspections of all equipment and below the hook rigging devices prior to start of lifting operations

**HYUNDAI ENGINEERING CONSTRUCTION**•LNGI Refinery Project, Kuwait•2/2018 – 11/2019

**Rigging Engineer (Heavy Lifts – Onshore / OFFSHORE) NEW Refinery construction**

Perform crane layouts for proposal pricing, estimates, and resource planning related to project requirements. Perform rigging studies and prepare rigging drawings, calculations, and procedures for scope of work. Design temporary structures and rigging systems. Review and approve sub-contract lifting and rigging plans, including verification of rigging certifications, ground bearing calculations, crane lifting capabilities, and clearance. Develop medium lift, heavy lift, heavy haul, and critical rigging plans.Ensure safe rigging operations at project site and compliance with company Rigging Standard Work Processes. Supervise on- and off-shore operations. Projects include pipe laying, lowering by side boom cranes, module pipe spool tandem lifting, heavy machinery lifting, and erection works with cranes SWL up to 2200 ton and load weight up to 650 tons in offshore structures. Inspection, testing of various types of lifting equipments in accordance with LOLER, international standards, company & client specific procedures.

Review of generic lift plans /Promote safe handling and lifting operation referring COMPANY HSE police and international standard, review engineering calculation for complex and complicated lifts /Review complicated and complex lift plan and attend the lifts.

Perform condition check and fitness for purpose on lifting appliances, CCUs, and evaluate their utilization on site

Provide lifting and handling expertise advice to all HSE Site Authority /To be involved in all handling and lifting audits /to be Involved in plans internal audits of the lifting operations, participates in lifting operations incident investigation and analyses.

Heavy lift and heavy transport projects study and engineering (site surveys, feasibility study, crane citing, ground assessment and preparation, optimization)Heavy lift and heavy transport project management (work pack preparation, planning, scheduling, SIMOPS coordination, PTW coordination, reporting)Detailed risk assessment of routine and non-routine lifting, conducting TBM’s, incident investigations, “Lessons Learned” .Monitoring of Contractor routine and non-routine lifting activities (compliance with procedures, equipment integrity, rigging loft, practices)

**Key Accomplishment:**

* Completed all heavy lifting operations in the project in record time without any incidents.

**TOTAL E&P NIGERIA LTD.**•Port Harcourt, Nigeria•4/2014 – 6/2017

**Site Lifting Specialist (heavy & Critical Lifting OPERATIONS)**

**ONSHORE:**

* **TOTAL E&P Nigeria**
* ONNE (TOTAL SUPPLY/LOGISTIC BASE& quayside)
* Port Harcourt /TOTAL NEW PIPE YARD
* OML 58(Production & Upgrade Project)
* OFON PHASE 2 PROJECT (Fabrication Yards)
* AVEON Yard
* SCNL Yard
* Niger dock

**OFFSHORE:**

* **TOTAL E&P Nigeria**
* OML 99 (AMENAM)
* OML 100 (FSO Unity & ODUDU)
* OML 102 (OFON Phase 2)
* Commissioning of OFP1 Production platform and OFQ living quarters platform
* OTTO 5 Barge OFON2 project.
* BOREALIS Barge – OFON2 Project carried out SUB SEA Pipe laying.
* BEAU GESTE Barge – OFQ New NOV Crane Commissioning
* JASCON 8 Barge – OML99 Coil Tubing Campaign
* JASCON 31 Barge – OFP2 New NOV Crane Commissioning
* Deep Water: JACK RYAN and PACIFFIC SCIROCCO (Knuckle boom Crane)drilling ships
* FPSO

Responsible for supervising lifts and providing technical expertise related to TUCN installations, operations, projects, and well engineeringwhen required.Cultivated productive cross-department relationships. Reviewed and audited annual scope of inspection and assessment of handling and lifting operations. Promoted the best practices and use of innovative technology. Participated in incident investigation. Compiled and maintained register of all TUCN site assets. Reviewed and approved complex lifting plans. Facilitated risk assessments.Inspection, testing of various types of lifting equipments in accordance with LOLER, international standards, company & client specific procedures.

**Key Accomplishments:**

* Achieved 100% compliance with TOTAL procedures, without any violations or incidents.
* Participated in internal and external technical audits. Represented the company on industry committees and specialist forums involving legislative authorities and other oil and gas operators.Offshore module lifting: Offshore vessels like FPSO, FLNGs have various process modules like chemical injection package, sulphate removal system, water injection system, etc. Offshore jacket platform installation in the offshore site. New helideck installation

**ARIES OIL FIELD SERVICES**•Dubai, UAE•6/2011 – 3/2014

**Lifting SPECIALIST (HEAVYLifting Operations)**

Offshore – KISH ISLAND COSL Platform

Ivory Coast – Transocean Rig

GHANA – Transocean RIG

UAE Offshore – SAIPEM Platform

Acting as a Lifting and Rigging Focal Point in the planning and management of all fixed and loose lifting equipment, both onshore and offshore. This will include working with the 3rd party company who are contracted to carry out inspections to the British Standards BS and in line with Lifting Equipment Lifting Operations Regulations LOLER SI 2307 98. Monitor and assist (as required), in bridging the competence gaps of parties involved in the rigging & lifting process.Demonstrate a high level of safety awareness to ensure all subcontractors are aware of lifting standards. To proactively assist whoever necessary to improve and maintain the HS&E performance.

Assist Lifting and Rigging Focal Point in the delivery of in-house training when the need arises. Review content of Lift Plans with Lifting and Rigging Focal Point for based work-loads and approvals.Work with all Crane and Lifting Contractors, both offshore and onshore, to assure quality of the service and compliance to the company technical and HSSE policies and procedures.

Provide assistance along with Lifting and Rigging Focal Point, interfacing with the specialist contractors, departments and the Client, for Routine work on fixed/loose lifting Equipment.Review and update policies and procedures surrounding Lifting activities in accordance with Client standards, procedures and practices.Acting the Lifting and Rigging Focal Point in generating and reviewing all Simple, Complicated and Complex lifting plan prior to submittal to Client Technical Authority (TA) for approval. Performs all other related job functions as required.

Executed condition check and fitness for purpose on lifting appliances and CCUs. Participated in all handling and lifting audits. Conducted job site analyses and risk assessments. Provided guidance on lifting equipment management systems and training to ensure continuous improvement. Maintained all records of periodic integrity inspections and certifications of lifting equipments. Supervised and monitored HSEMS.

**Key Accomplishments:**

* Executed all lifting projects in timely manner with utmost safety. Effective cost control throughout projects.
* Earned Dubai Accreditation Council approval as UAE Government Approved Inspector.
* Developed business growth from 0 to 500000AED within two years.Provide expertise in daily handling & lifting activities including: Categorization of lifts /Risk assessment and hazard identification /Assist Company technical review of lifting operations /Selection of equipment for lifting operations / Attendance at lifting toolbox talks /Post-job debriefs /Assessment of completed jobs
* Administered Quality, Environment, and Safety Management System in compliance with ISO 9001:2000, ISO 14001:2004, and OHSAS 18001:2007.

**CONSTRUCTION DEVELOPMENT COMPANY** • Qatar • 6/2008 – 2/2011

**Lifting FOCAL POINT – Lifting Equipments**

**QP – RAS LAFFAN**

Crane positioning. Suitable crane configuration selection. Review rigging studies Lifting Plan and method statement. Manage and review risk assessments, Job safety analysis and Job hazard identification. Review Ground bearing calculations. Review Critical lift pack preparation and submissions. Ensure all lifting/Rigging activities carried out as per Lifting Plan. Ensure all safety-quality - environmental requirements are strictly followed. Ensure all activities are in compliance with client procedures. Undertake competency assessment for Contractor rigging crew at regular intervals and do refreshment trainings for supervisors and crew members on required areas. Review Rigging inventory for all lifting equipments/ accessories and ensure all are third party certified at regular intervals. Monitor Contractors damaged accessories are quarantined properly. Monitor Contractors maintenance program for equipments at regular intervals. Provide Lifting/Rigging training on safe and unsafe lifting practices to the contractor including manual lifting. PTW coordination’s, planning and scheduling of activities. Incident reporting and investigation, monitor contractor lifting activities - routine and non-routine and ensure are compliance with client procedures. Perform lifting equipment integrity inspections and ensure the integrity of lifting points

Managed load testing and certification of a wide variety of lifting equipment including baskets, escape lines, winches, trolleys, lifting bars, lifters, chain blocks, beams, hoists, and cranes.Controlled costs by optimizing resource usage. Inspection, testing of various types of lifting equipments in accordance with LOLER, international standards, company & client specific procedures.

**Key Accomplishments:**

* Reduced rate of breakdown from 64% to 20%.Upgraded the helpers to skilled cadres by 30%.Reduced cost of engine oil usage to 32% by implementing OEM maintenance recommendations.

**ALOTAIBA TRANSPORTS LLC** • Zirku Island, UAE • 6/2000 – 5/2008

**Lifting ENGINEER - ZADCO Refinery Plant (ADNOC OFFSHORE) UAE**

Led repair, troubleshooting, maintenance, inspection, and verification of heavy equipment. Managed erection of heavy lifting, tandem lifting, and critical lifting works. Ensured safe handling and lifting operations in compliance with HSE policy and international standards. Supported daily activities such as categorizing lifts, identifying hazards, performing risk assessments and technical reviews, and selecting equipment.Evaluated and approved complex lift plans. Inspection, testing of various types of lifting equipments in accordance with LOLER, international standards, company & client specific procedures.

**Key Accomplishments:**

* Delivered project ahead of schedule without any LTI.Established all company handling and lifting procedures.
* Played a key role in the development of a training plan for users to ensure required competence.

**PRIOR EXPERIENCE**

**Crane Maintenance Manager,** Hindustan Steel Construction, Ltd., | **Mechanical Engineer,** Llasar Flow Controls Private Ltd.

**Education & Training**

**Bachelor of Technology, Mechanical Engineering, JRN Rajasthan Vidyapeeth University, Udaipur, India**

Offshore Survival Course & Offshore Medical Course, BOSIET (Expires 2020)

Permit to Work (PTW System)

Supervising Safety | Risk Assessment | Safe Job Analysis | Confined Space Entry | Noise Campaign | Basic Fire Fighting Health & Safety Awareness | Accident Investigation & RCA | First Aid at construction: Rescue, Casualty & Stabilization

Behavior Based Safety (BBS)

**Certifications & Memberships**

**LEEA Courses:** Part 1 Entry Exam, Rigging & Slinging Course, Diploma – Lifting Equipment (General), Diploma – Lifting Machines (Power), Diploma – Runways & Light Crane Structures

**North Sea Lifting (NSL) E-Learning:** Crane FMEA, FAT & Commissioning; Helicopter Lifting Operations; Subsea Lifting Operations; Man Riding & Personnel Transfers; Cargo Carrying Units & Cargo Handling; Forklift Truck Operations; Winch & Pulling Operations

**North Sea Lifting (NSL) Practical:** Rigging & Lifting; Lifting Operations Planning & Risk Assessment; LOLER/HASAWA/PUWER/MOC; **Rigging Loft Management**&**Lifting Equipment Examiner**;

**Certified LOLER Competent Person**,

**Appointed Person for Lifting Operations.**

**FALCK Rigger API RP 2D.**

**NDT: ASNT Level II,** Magnetic Particle Testing & Dye Penetrant Testing

**Member, Lifting Equipment Engineers Association,** UK | **Member, North Sea Lifting (NSL),** Aberdeen, UK