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Liberal Services

RESUME

Reference: Saipem_Bid_Sample_CV_anonymous#1 Date: xxxxxxxx

CV Submission for: JOINT INTEGRITY LEAD ENGINEER/PIPING FOREMAN **Location:** xxxxxxx

Candidate's Information			
Name:	xxxxxxxxxxxx	**Date of Birth:**	xxxxxxxxxxx
Nationality:	xxxxxxxxxxxx	**Available to relocate within:**	
Experience Summery in years:	**Years in total:** 12 years	**In Oil & Gas:** 12 years	**In the applied position:** 4 years

EDUCATIONAL QALIFICATION

Educational Level	Name of Degree	Year of Passing	Major/Area	Class/CGPA/Grade/ Percentage
Post Graduation Diploma/Master's				
Graduation/Bachelor's	Mechanical Engineering	2001	Mechanical	
Diploma's				

TRAINING INFORMATION

Title	Duration	Training Institute	Year
Basic Occupational Safety and Health (BOSH)	3 Days	Synerquest Management Consultancy Services Inc.	2015
Confined Space Entry	16 Hrs.	World Safety Organization (WSO)	2015
Adult First Aid/CPR/AED	1 Day	American Red Cross	2015
Hazard Assessment & Control	1 Day	Pure Technologies Ltd.	2015
Asbestos Awareness	1 Day	Pure Technologies Ltd.	2015
Rigging & Hoisting Awareness	1 Day	Pure Technologies Ltd.	2015
Back & Burns	1 Day	Pure Technologies Ltd.	2015
Bloodborne Pathogens	1 Day	Pure Technologies Ltd.	2015
Hand & Power Tools	1 Day	Pure Technologies Ltd.	2015
Hazard Communication	1 Day	Pure Technologies Ltd.	2015
Ladder Safety	1 Day	Pure Technologies Ltd.	2015

Noise Exposure	1 Day	Pure Technologies Ltd.	2015
Personal Protective Equipment	1 Day	Pure Technologies Ltd.	2015
Respiratory Protection	1 Day	Pure Technologies Ltd.	2015
Traffic Control Awareness	1 Day	Pure Technologies Ltd.	2015
Critical Flange Training Course	1 Day	ExxonMobil Chemical Asia Pacific	2012
Creative drawing using CAD software leading to CADCAM NC III. (2D & 3D)	80 Hrs.	Technical Education & Skills Development Authority (TESDA)	2011
H2S Awareness Training	1 Day	Chiyuda Technip Joint Venture (CTJV)	2009
Working at Heights (Scaffolding Theory & Practical)	1 Day	Chiyoda Technip Joint Venture (CTJV)	2009
Electrical Safety Awareness - LOTO	1 Day	Chiyoda Technip Joint Venture (CTJV)	2009
Hot Work Training	1 Day	Chiyoda Technip Joint Venture (CTJV)	2009

SKILL/QUALIFICATION SUMMERY

Experienced Project Engineer with a demonstrated history of working in the Water Utilities, Oil & Gas, and Petrochemical constructions industry. Skilled in AutoCAD, Naviswork, Operations Management, Pre-commissioning, Pipeline Construction, Inspections and Water Resource Management. Strong engineering professional with a Bachelor of Science in Mechanical Engineering focused in Mechanical Engineering from Colegio of San Agustin - Bacolod.

Hands-On knowledge on the following:

BOLT TIGHTNESS & INTEGRITY

Basic Procedures & Practices:

1. Locate and identify the joint: The joints are normally located by reading the site layout drawings, isometrics, or P&IDs. The joints are identified using the line number, which is configured to match the format of the project. Ideally, the flange details should be included in the Flange Data Management System (FDMS).
2. Check studs, nuts, and flange/nut contact surfaces for cleanliness and burrs. Clean them using a wire brush.
3. Check flange nut bearing surfaces. Clean the flange nut contact surfaces around the entire bolt circle using a wire brush. Use a brush with stainless steel bristles on alloy surfaces. Ensure that these contact faces are free of scratches, dirt, scale, burrs, and other protrusions. Remove defects by grinding.
4. Uniformly lubricate the stud and nut threads on all contact surfaces, including the nut bearing surface that contacts the flange.
5. Check condition of flange faces. Clean gasket seating surface on flange face using a wire brush. Ensure that the surface is free from scratches, dirt, scale, remnants of old gaskets, and other protrusions. For flanges that are used in typical and critical services, ensure that the flange face at the OD is parallel to the gasket contact face by measuring the gap between them

using a steel ruler. The gap should not exceed 0.010 in. (0.25 mm) at any point.

6. Check flange-to-flange alignment to verify that it is within the specified tolerances. Excessive flange misalignment (especially lack of parallelism) increases the likelihood of in-service leakage.
7. Check flange faces for proper gasket insertion gap. The gap between flanges should be just sufficient to allow for gasket insertion. Excessive gap will result in needing to force the flanges together, which will increase the likelihood of in-service leakage.
8. Install studs in the lower half of the flange to support the gasket when it is inserted.
9. Inspect the gasket to ensure that it is in accordance with the specification and free from defects.
10. Insert the gasket between the flanges and ensure its proper placement (i.e., centering in the joint), taking care not to damage the gasket. If necessary to use something to hold the gasket in place, a light spray of adhesive can be used. Alternatively, thin cellophane or masking tape may be used on the outside edge of the gasket with enough material protruding to allow removal during the initial tightening process. Tape should be located to avoid contacting the flange face/gasket seating surfaces since this could provide a leak path during operation.
11. Install remaining studs and nuts and ensure that there is complete thread engagement in both nuts. Use hardened steel washers if the studs are 1-1/2 in. (38 mm) diameter and above if the studs are to be torqued. If a bolt tensioner will be used, the stud should protrude beyond the nut by at least one (1) bolt diameter on one side only in order to permit attachment of the tensioner head.
    - ❖ Flanges with studs 2" in diameter and above shall be tightened using hydraulic bolt tensioner.

12. Mark bolting sequence numbers and reference bolt locations on the flange OD. Use a crisscross bolt tightening sequence (like tightening the wheel on a car).
13. In all cases, tightening should proceed in stages (i.e., not to the maximum stud stress at one time), and proceed in a crisscross pattern. This helps ensure uniform stud load and gasket compression around the flange circumference.
14. Apply Bolt Preload Stress Target Torque ratings in accordance with the applicable joint assembly procedure.

    - ❖ 4 and 8 Bolt Flanges
        - First round - 30% of final torque (flange sequential order)
        - Second round- 60% of final torque (flange sequential order)
        - Third round - 100% of final torque (flange sequential order)
        - One final time - clockwise or counter clockwise sequentially around the flange.

    - ❖ 12 Bolt Flanges and More
        - First round - 20% of final torque (flange sequential order)
        - Second round - 40% of final torque (flange sequential order)
        - Third round - 80% of final torque (flange sequential order)
        - Fourth round - 100% of final torque (sequential order)
        - One final time - clockwise or counter clockwise sequentially around the flange.

15. Joint Identification, Sealing and Tagging.
    - Each critical flanged joint on the P&ID will be identified by a consecutive number
    - After a successful flange bolt-up, at the joint itself, a TAG shall be wired to a bolt on the joint and sealed using compressed lead balls.
    - The TAG tags shall be weather resistant and non-rusting, and shall be stamped with the joint number corresponding to the control of the P&ID.

Critical Flange Training Course Topics:

A. CRITERIA FOR THE CLASSIFICATION OF CRITICAL JOINTS
B. ELEMENTS OF TRAINING AND QUALIFICATION
C. FLANGED JOINT STATUS
D. PREPARATION

E. FLANGE ALIGNMENT
F. FLANGE PRE-ASSEMBLY
G. BOLT TIGHTENING
H. JOINT LEAK TIGHTNESS TEST
I. JOINT IDENTIFICATION, SEALING AND TAGGING
J. DISASSEMBLY AND REASSEMBLY
K. RECORD AND DOCUMENTATION

EXPERIENCE SUMMERY

Position	Duration	Employer	Project	Country
MECHANICAL INSPECTOR	January 10, 2017 – Present	Manens-Tifs S.P.A.	Ministry Of Interior. Security Forces Medical Center Project	Riyadh, KSA
JOINT INTEGRITY LEAD ENGINEER	19 Months	Pure Technologies Ltd.	Support Pure's Global Operations group in the planning, deployment and implementation of pipeline inspection technologies mainly focused on servicing projects internationally, with regional support as required.	Asia Pacific
JOINT INTEGRITY INSPECTOR	15 Months	Balibago Waterworks System, Inc.	SBRI , Passi, Iloilo	Asia Pacific
PIPING FOREMAN	26 Months	Shaw-EEI Singapore Construction Pte. Ltd.	Exxonmobil Chemical Singapore Parallel Train Olefins Recovery Project	Singapore
GANG LEADER / (Leader of Team)	12 Months	GAMA Qatar Co. W.L.L-EEI Corp.	QATARGAS	Qatar
PRODUCTION OPERATOR AND MAINTENANCE	17 Months	Tanduay Distillers Inc.	Operations & Maintenance	Singapore
CADET MECHANICAL ENGINEER	22 Months	Hawaiian Company	Operations & Maintenance	Singapore

WORK EXPERIENCE (1)

TIME DURING: January 2010-Present		**IN POSITION**: MECHANICAL INSPECTOR	
Employer:	Manens-Tifs S.P.A.	**Projects worked:**	Ministry Of Interior. Security Forces Medical Center Project
Work Location:	Riyadh, KSA		
Employer Details:	7842 King Abdul Aziz Road. Al Murooj Center # 1 Ar Riyadh 11485 – P.O. Box 21505		

Area of Experiences
KEY ROLES (Not Limited)

• Responsible for undertaking inspections on site in accordance with the Mechanical related Inspection and Test Plans (ITP's).

• Attending to Inspection Requests (IR's) submitted by the contractor and take appropriate action in a timely manner.

• Review submitted shop drawings against contract drawings and specifications, local codes and statutory requirements and international best practice.

• Report any works carried out by contractor found to not be in accordance with approved drawing and specifications and report to stakeholders for appropriate action.

• Monitor quality of works and assess the safety at site including health and environmental issues, ensuring compliance with contractual / QCS specifications and safety and health risk assessments.

• Maintain records for daily activities on site including progress photos and ensure they are readily available for inspection as and when required.

• Prepare surveillance report(s) for deficiencies of work found at site and non-conformance reports (NCR) if required in view of the development of events.

• Check and ensure effective co-ordination between disciplines related works and all other disciplines.

• Provide technical input and experiences to resolve any discipline related issues on site that may arise.

WORK EXPERIENCE (2)

TIME DURING: May 3, 2015 – December 31, 2016		**IN POSITION:** JOINT INTEGRITY LEAD ENGINEER	
Employer:	Pure Technologies Ltd.	**Projects worked:**	Support Pure's Global Operations
Work Location:	Asia Pacific		
Employer Details:	Pure Technologies Utilities Calgary, Alberta, Canada		

Area of Experiences
KEY ROLES (Not Limited)

Involved in the planning and field implementation of monitoring (SoundPrint®AFO) and technical services including inspection, leak detection and condition assessment (P-Wave®, SmartBall®, Sahara®, PipeDiver™, PureRobotics™); and specialized engineering services in areas related to pipeline asset management, primarily in the area of pipeline condition assessment for water and wastewater infrastructure.
Support Pure's Global Operations group in the planning, deployment and implementation of pipeline inspection technologies mainly focused on servicing projects internationally, with regional support as required.
Specific Responsibilities Include:
Develop intimate knowledge of specific technologies
Review pipeline drawings and plans
Work with clients to plan and implement pipeline inspections using SmartBall ®, Electromagnetics, PipeDiver, Sahara or PureRobotics technologies
Manage on-site inspection work
In-pipe inspection and deployment of Pure's technologies
Data and signal analysis
Report writing
Support various engineering operation needs
Extensive travel to international project sites required
Conducts safety inspection at work areas in the method of statement "Job Safety Analysis and Risk Assessment" to my crew before start of work and at all time.

WORK EXPERIENCE (3)

TIME DURING: January 7, 2014 – April 30, 2015		**IN POSITION:** JOINT INTEGRITY INSPECTOR	
Employer:	Balibago Waterworks System, Inc.	**Projects worked:**	South Balibago Resources Inc. Passi, Iloilo
Work Location:	Asia Pacific		
Employer Details:	Gines Viejo 5000 Passi - Passi		

Area of Experiences
KEY ROLES (Not Limited)

To assist the Senior Company Engineer in maintaining the efficiency of the current waterworks system and in reviewing and certifying that CAPEX projects are up to standards.

To assist management (i.e. Area Manager, Branch Manager, Opening Team, etc.) in designing the technical requirements of the water system (i.e. pump and motor, distribution lines, pumping stations, etc.) based on the standard specifications. This includes:

Rendering workshop drawings, Technical designs, project costing, bar chart and other technical support.

Conducting surveys, measurements, evaluations, project studies, estimates, assessments, project supervision and inspection, etc. as needed.

To assist management in estimating and listing the material and labor requirements for the execution/construction of water systems and appurtenances.

To review, revise and/or approve capital expenditures (capex) plans for the correctness and accuracy of their technical design (technical soundness of design) and material and labor estimates before Area and Branch Managers can present these capex requests to the approving authority be it the Managing Director, President or Board of Directors.

To analyze existing water facilities and recommends improvements so that usage of these facilities is maximized; also, studies problems of existing water facilities and proposes solutions to the problems.

To coordinates with contractors regarding the water system designs and:

Guides and monitors contractors according to the provisions of the contract plans and specifications.

Evaluates the performance of the contractor after the completion of the project and recommends whether the contractor's services should be availed of in the future.

To monitor major expansions and setting up of new branches to ensure the technical designs following standards specifications.

To coordinates with external agencies and institutions (such as NRWB, LGU, MPDO and DENR) on technical matters for the processing of necessary permits and licenses (ex. ECC, water permits, sanitary permits, excavations permits, etc.) as well as rate increases.

To attend seminars and technical and engineering matters for the improvements of the company's technical knowledge.

WORK EXPERIENCE (4)

TIME DURING: October 19, 2010 – December 18, 2012		**IN POSITION:** PIPING FOREMAN	
Employer:	Shaw-EEI SINGAPORE CONSTRUCTION PTE. LTD	**Projects worked:**	Exxonmobil Chemical Singapore Parallel Train Olefins Recovery Project
Work Location:	Jurong Island, Singapore		
Employer Details:	Shaw Stone & Webster, Inc.		

Area of Experiences
KEY ROLES (Not Limited)

Reports Directly to my Construction / PRE-COM Piping Supervisor.
Implements weekly work schedule.
Directly executes agreed parameter of activities assigned to my crew member.
Progressively 100% close supervision and monitoring of work execution to my crews in terms of schedule, quality and productivity.
Conducts process of final quality work inspections of my project area activities.
Executes project safety and quality requirements.
Conducts and executes Water Flushing, Air Blowing, Air Tightness Test, Hot Bolting and Reinstatement and other PRE-COMMISSIONING activities.
Conducts safety inspection at work areas in the method of statement "Job Safety Analysis and Risk Assessment" to my crew before start of work and at all time.
Upholds the Company's Code of Business Conduct and Ethics, Fraud Policy, and Conflict of Interest, and ensures his team's compliance thereto.
Lead the crew to do the right job with task properly planned and prepared.

WORK EXPERIENCE (5)

TIME DURING: March 2009 – March 2010		**IN POSITION:** GANG LEADER / (Leader of Team)	
Employer:	GAMA Qatar Co. W.L.L-EEI Corp.	**Projects worked:**	Qatar Gas III and IV LNG Project
Work Location:	Ras Laffan Industrial city QATAR		
Employer Details:	Almana Tower, Airport Rd, 22825 www.gama.com.tr		

Area of Experiences
KEY ROLES (Not Limited)

Reports directly to my Construction Piping Foreman.
Directly executes agreed parameter of activity assigned to my team.
Ensures that my team is provided with the proper tooling.
Directly leads (hands-on) in the execution of the daily activity of my team.
Guides / teach my men on how proper use of tools.
Familiar with the required tolerance on joint fit-up, fittings and flanges connection and pipe clearances.
Directly executes preventive and / or corrective action productivity variances.
Reports daily work quantity accomplishment (fit-up report) to my foreman at the end of the day.
Responsible for indicating the joint numbers and isometric drawing number are marked in the spools and clearly indicated in the daily fit-up report.

Complies with project safety requirements.

Attends regular toolbox meeting on safety, quality and productivity improvements.

Upholds the Company's Code of Business Conduct and Ethics, Fraud Policy, and Conflict of Interest, and ensures his team's compliance thereto.

OTHER INFORMATION	
Computer Skills:	Proficient in the use of Microsoft Office Packages including Outlook, Word, Excel. Use of Power point desirable. ORACLE Primavera, CAD,& Naviswork
Language Proficiency:	Proficient
Expected Salary:	

RECRUITER INFORMATION	
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