



GABRIEL JEFFREY G. ESQUILLO MECHANICAL ENGINEER

OBJECTIVE

To pursue a highly rewarding career seeking for a job in a challenging and healthy work environment where I can have utilized my skills and knowledge, impart my experience to others efficiently for organizational growth. To be involved in work wherein I can utilize skills and creatively involved in the system.

SKILLS

- Project Quality Inspection
- Installation and Commissioning Pumps and Tanks
- Project Operation & Management
- TPM, Maintenance Management
- **ISO 9001: 2015** Lead Auditor
- Lean Six Sigma **Green Belt**
- AutoCAD
- Cost Saving Studies
- Development
- Strategic Planning

PROFESSIONAL PROFILE

Experienced Mechanical Engineer who is well versed in all aspects of plant maintenance and reliability such that to develop, coordinate and assess maintenance improvement programs, processes and systems, classical maintenance/reliability programs such as total productive maintenance, reliability centered maintenance etc. Improves the reliability of concerns system through redesign or appropriate monitoring system such as vibration and oil condition. Oversee the performance and reliability of rotating/static equipment and high impact systems including boilers, steam turbines, centrifugal and reciprocating compressors and pumps, fin fans and blowers, HVAC Chillers, Heat Exchanger and Cooling Tower and associated non-mechanical systems.

More than eleven (11) years' experiences in the maintenance and reliability field Aseptic/Non-Aseptic Beverage Industry, Food Manufacturing Industry and related engineering practices and international standard. With working knowledge of probability/statistics principles, computerized maintenance management systems and notable reliability engineering tools required. Construction of Petrochemical Production & Storage Facility and SAUDI ARAMCO Camp Facilities accommodation for SAUDI ARAMCO Project Management Team (SAPMT) during construction of Marjan Tanajib Gas Plant. Experienced in Expediting with projects from kick off meeting and all project documentation to meet project specification, schedule and coordinating with different parties in order to maintain the project critical time paths. Review and preparation of documents, punch list and other related activities.

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

(June 2002 – March 2007)

Southern Luzon State University - Philippines



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- Team Building & Leadership
- Total Quality Management
- Shaft Alignment

PROFESSIONAL QUALIFICATION

REGISTERED MECHANICAL ENGINEER

Registration #: 0069053
Professional Regulation Commission – Philippines
Board of Mechanical Engineering
30 October 2007

LEAN SIX SIGMA GREEN BELT

Registration Reference #: 10931
Certificate Issued By: BQSR Quality Assurance
Kingdom of Saudi Arabia
Validated By: ASCB-USA
10 September 2020

ISO 9001: 2015 LEAD AUDITOR

(Quality Management System)

Registration Reference #: IN-1262
Certificate Issued By: LMS ACADEMY
Kingdom of Saudi Arabia
Validated By: CQI / IRCA
23 August 2020

NATIONAL CERTIFICATE II SHEILDDED METAL ARC WELDING (SMAW)

Certificate #: 21045602029114
Certificate Issued By: TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY (TESDA) – Philippines
05 August 2021



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PROFESSIONAL EXPERIENCES

COMPLEAT FOOD GROUP- TOTTLE BAKERY

Dunsil Dr, Nottingham NG2 1LU, United Kingdom

Company Profile:

A true pie pioneer, Tottle Bakery specliasies in true pork pie perfection, and is one of only a small number of businesses situated within the PGI-designated Melton Mowbray pork pie region. Plus, they're also the only UK manufacturer with process capability in every type of pork pie production, offering a wide range of options for its retail partners and consumers.

Multi Skilled Engineer (October 22, 2023 -Present)

Duties & Responsibilities:

- Carry out both reactive and preventative maintenance work on a variety of food-based equipment, to maximize their efficiency and enable production teams to meet production targets on time, on cost and to set quality standards.
- Accountable for carrying out a variety of mechanical and electrical tasks including fault-finding, PPMs, routine repairs on various Siemens, Allen Bradley and similar food manufacturing and packing machines, ensure all repairs are conducted in line with GMP and closed off before handing any equipment back to production / hygiene teams.
- Reporting directly to the Engineering Shift Manager, and working both independently and as part of a team, you will be responsible for delivering an excellent engineering service to keep the production areas running, reducing downtime, and improving safety.
- Support colleagues with any projects as required and ensure any uncompleted work is effectively handed over to the Engineer on the following shift, to aid completion.
- Work closely with Production, Hygiene and Quality teams, to ensure all equipment is safe to use after any work is undertaken.

INTERTEK SAUDI ARABIA LTD.

Office 101, 1st Floor, North Olaya Center, PO Box 2526, Kingdom of Saudi Arabia

Company Profile:

Intertek is a leading Total Quality Assurance provider to industries worldwide.

With over 1,000 laboratories and offices and over 43,800 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains.

Mechanical /Rotating Equipment Inspector PID (April 29, 2019– April 1, 2021)

CLIENT

SAUDI ARAMCO | MARJAN DEVELOPMENT PROGRAM – TEMPORARY CONSTRUCTION FACILITIES,

Tanajib. Kingdom of Saudi Arabia

Duties & Responsibilities:

- Carried out Inspection for laying/installation of pipes such as (pvc , steel pipes, RTR pipes , HDPE pipes,)for Potable Water Supply System / Irrigation Water Supply System / Fire Protection System & Wet Chemicals sprinklers, hose fire reel and hydrants/ Sanitary Waste Water Drainage System FRP Manholes, Lifts Stations to Sewage Treatment Plant (STP) for Saudi Aramco PMT Offices and Camp Facilities.



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- Carried out Inspection for installation/erection Mechanical Equipment's such as jockey pumps, diesel operated pump and main power operated pump and (GLS) Glass Lined Steel Tanks for Potable Water Supply System / Irrigation Water Supply System / Fire Protection System & Wet Chemicals / Sanitary Waste Water Drainage System, Lifts Stations, Sewage Treatment Plant (STP) mechanical equipment's such as Air Blowers, Tanks, Membranes, Sluice Gate, Dosing Pumps for Saudi Aramco PMT Offices and Camp Facilities.
- Carried out Inspection for installation of plumbing fixtures for Saudi Aramco PMT Offices and Camp Facilities.
- Carried out Inspection in Vendor Site during fabrication of steel tanks for diesel and gasoline tanks dosing pumps assembly for Sewage Treatment Plant (STP) for Saudi Aramco PMT Offices and Camp Facilities.
- Receive RFI (Request for Inspection) and check activity mentioned in RFI and attachment as per IFC.
- Coordinate Mechanical activities attend pre-construction meeting to establish the initial degree of involvement in the project.
- Monitor all phases of construction to ensure that Saudi Aramco and International standards and Scope of Work are met.
- Reviews on Mechanical Equipment's/Plumbing/Piping layout design, Technical Queries (TQ), Field change design.
- Attending the weekly quality review meeting with contractor and client.
- Material Inspection of pipes, valves, fittings fire hydrants, sprinklers, fire hose reels, jockey pumps, diesel operated pump and main power operated pump for Potable GLS Tanks for Water Supply System / Irrigation Water Supply System / Fire Protection System & Wet Chemicals, Sewage Treatment Plant (STP) mechanical equipment's such as Air Blowers, Tanks, Membranes, Sluice Gate, Dosing Pumps for Saudi Aramco PMT Offices and Camp Facilities.
- Conducting Meetings to discuss about the activities and Inspection status as per the Saudi Aramco Standards and Specifications.
- Review of Inspection and Test plan and conducting inspection as per the ITP stage and scope of Inspection.
- Material Verification as per the Saudi Aramco Material system specification (SAMSS).
- Witnessing any testing required as per the project requirements such as hydrotest, leak test, pneumatic test, gravity test for pipes, tanks and other mechanical equipment's for Water Supply System / Irrigation Water Supply System / Fire Protection System & Wet Chemicals, Lift Stations, Sewage Treatment Plant (STP) Saudi Aramco PMT Offices and Camp Facilities.
- Reviewing all supporting documents as per documentation requirements.
- Good knowledge on Saudi Aramco application QMIS, MPCS, SAES, SATIP, SAIC.
- Acceptance criteria based on project specification and vendor recommendation in reference to codes & standards such as Saudi Aramco Standards, API, ASME V, ASME VIII, ASME/ANSI B16.25 / B16.47, NPFA, UMC etc.
- To issue non compliances and site observations to the management team ensuring they are closed out and reported.
- To log all inspections.



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SPECIALIZED INDUSTRIAL SERVICES CO. LTD. (SISCO)

Jubail Industrial City, Kingdom of Saudi Arabia

Company Profile:

Engineering Support Services (Manpower Supply)

Flexible, efficient and cost-effective hiring options includes a wide spread of categories available for both short-term and long-term jobs. Have a rich experience of sourcing and supplying highly skilled industrial manpower with focus on Engineers, Technicians and Secretarial Staff. Over the years have worked with all Operating Companies in the Kingdom and supported all major EPCs in the region.

Mechanical Engineer (October 04, 2016 – October 04, 2018)

CLIENT

SAUDI ARAMCO | UNCONVENTIONAL GAS PROJECT EARLY PRODUCTION FACILITIES

Jafurah/Hofuf-Salwa Qatar Rd SAUDI ARAMCO, Kingdom of Saudi Arabia

Company Profile:

Saudi Aramco is the state-owned oil company of the Kingdom of Saudi Arabia and a fully integrated, global petroleum and chemicals enterprise. Over the past 85 years become the world's largest integrated oil and gas company, and a world leader in hydrocarbons exploration, production, refining, distribution and marketing. Oil and gas production infrastructure lead the industry in scale of production, operational reliability, and technical advances.

Mechanical Engineer (Rotating Equipment)

Duties & Responsibilities:

- Provide technical guidance and project management, control and supervise millwright/technician including coordination, checking and making follow-ups of the resources, materials, equipment's and manpower.
- Review and execute such as Material Receiving Inspection, Storage Handling & Site Preservation, Pre-inspection for equipment installation, equipment pre-alignment installation and Inspection for pre-commissioning activity such final box-up/ vessel closure, final pump/ motor alignment.
- Direct supervision for Rotating Equipment activities.
- Ensure compliance to engineering designs drawings, specifications, methodology and code of standard requirements.
- Conducted daily work schedule, progress report and site meeting with Construction Manager.
- Attends pre-planned scheduling meetings to maintain progress and achieve the project target completion.
- Identify and implement any changes to construction plans (ISO's, P&ID's, As-Built Drawings, erection and installation procedure, etc.)
- Expert in implementing safe work practices, construction project management and quality control as per approved Inspection Test Plan & Project Specifications.
- Attend and preside weekly construction meeting, attend safety meetings and involved in conducting safety walk through site inspection.
- Prepare progress reports, completion punch list identification prior for hydro test and box-up inspection for handover of equipment's & etc.



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CLIENT

RAVAGO MIDDLE EAST COMPANY | STORAGE AND PRODUCTION FACILITY

Jubail Industrial City 2, Kingdom of Saudi Arabia

Company Profile:

RAVAGO MIDDLE EAST COMPANY (RMEA) is a closed joint stock company headquartered in Jubail, Saudi Arabia. The Company is in the process of establishing a reprocessed synthetic rubber materials and polymer compounds production and commercialization unit to supply reprocessed rubber materials and polymer compounds for industrial applications in the regional as well as export markets.

QA/QC Mechanical Engineer (Rotating/Static Equipment)

Duties & Responsibilities:

- Reviewed Quality Control Procedure and Inspection Test Plan prepared by subcontractors regarding construction activities that will guide them to Construction activities.
- Regular surveillance checking at the site to ensure that all comments had appropriate corrective action.
- Follow up implementation of corrective action regarding quality issues on the project. Settle effective procedures for the satisfactory performance of the work in accordance with quality control and inspection test plan.
- Assist with cross-discipline coordination of mechanical equipment review.
- Routine inspection of construction activities of Static / Rotating equipment works step by step to ensure that the requirements in the drawing and specification are met and that all the works are carried out in good workmanship.
- Attend constructability meetings with construction management.
- Witness inspections on materials, equipment's and construction/installation activities on site such as centrifugal pumps, air-cooled heat exchangers, vessels, Silos, air fan cooler, and air compressor, extruders, hydraulic guillotines, chillers, pellet dryers & Mixers.
- Issues the relevant Quality records and, when necessary, writes and sends to QC Manager non-conformance reports.
- Input contractor's daily accomplishment about construction and inspection activities of Static/Rotating equipment's.
- Coordinate and engage the support services of engineering and vendors for some cases encountered at the site, which required their immediate decision and action.
- Conduct QC Tool Box Talk with subcontractor regarding Rotating and Stationary Equipment Installation.
- Cooperation with client, third parties and project disciplines/field
- Raising concerns related to any deviation from the project procedures/requirements during the construction stage and alert the concerned construction personnel. Ensure proper implementation of approved method statement and procedures.
- Prepare and modify mechanical design basis and provide guidelines for detailed engineering.
- Prepare and Submit Inspection such as Material Receiving Inspection, Storage
- Handling & Site Preservation, Pre-inspection for equipment installation, equipment
- pre-alignment installation and Inspection for pre-commissioning activity such final
- box-up/ vessel closure, final pump/ motor alignment.
- Acceptance criteria based on project specification and vendor recommendation in reference to codes & standards such as API 686, ASME V, ASME VIII, ASME/ANSI B16.25 / B16.47, etc.
- Prepare QA/QC reports, daily activity and two weeks look ahead schedule.



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AUJAN COCA-COLA BEVERAGE COMPANY (ACCBC)

Dammam, Kingdom of Saudi Arabia

Company Profile:

Aujan Coca-Cola Beverages Company (ACCBC) is the authorized manufacturer and distributor of Rani and Barbican brands and the licensed manufacturer in the Middle East for VIMTO. In 2014, ACCBC acquired a majority stake in the National Beverage Company S.A.L. (NBC), becoming the manufacturer and distributor of Coca-Cola, Pampa, and several other brands in Lebanon.

Maintenance Supervisor (January 29, 2013- February 2, 2015)

Engineering, Maintenance & Utilities Department

Duties & Responsibilities:

- Managed working groups of up to 15 mechanical technicians. Planning, scheduling, organize and supervise activities related to maintenance, overhauls, and plant shut-down. Work Packs preparations and compiling. Plan and provide work direction for preparation of designs, processes, and reports and ensure efficiency, adequacy, and conformance to overall plant reliability objectives.
- Formulate and challenge the economic basis for engineering studies by analyzing and evaluating all data pertaining problems.
- Consciously assess and improve the reliability of equipment, system and beverage processing.
- Evaluate the criticality assessment for assets and modify the maintenance strategy accordingly.
- Utilize condition and monitoring proactively assesses and predicts equipment failure.
- Coordinate and resolve problems and concerns with all shareholders (internal and externally).
- Coach and mentor young professionals and technicians, and review their work and guide for quality deliverables.
- Lead change in reliability processes and assess associated risks in accordance with company and industry standards.
- Develops and conducts a risk assessment, maintenance work procedures, and Root Cause Analysis (RCA) on equipment failures and prescribes recommendations to prevent reoccurrence.
- Documents & maintains plant equipment inspection record in Computerized Maintenance Management System (CMMS).
- Manage new equipment installation, pre-commissioning, commissioning and flawless startup.
- Optimize maintenance processes and spare parts consumption, maintenance costs reduced by 15%.
- Facilitate proactive reliability engineering analyses in accordance with establishing processes.
- Participate in professional societies and technical conferences as a company technical expert.
- Cost control for effectiveness:
 - Control cost of maintenance within the approved budget.



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- Investigate deviations and motivate such expenditures if required.
- Investigate options to reduce cost and implement viable options.
- Regular review and suggestions to optimize Engineering manpower strength and structure.
- Participant in annual budgeting & CAPEX preparation and responsible for weekly reporting and control of spending on CAPEX.
- Complete all necessary transactions, reports, and documentation with accuracy and timeliness.
- Manage contracts by identifying selected vendors, establish and develop a long-term working relationship with them.
- Undertakes appraisals to assess staff performance in the execution of assigned duties in attaining the objectives.
- Vendor's technical quotations and documents review. (Specifications, data sheets, mechanical drawings.
- Ensures that the maintenance process is compliant from a Regulatory standpoint.
- Monitors inspect and conduct an audit of work done by the contractor according to standards/work procedures.

UNIVERSAL ROBINA CORPORATION (URC)

Km.50 Brgy San Cristobal Calamba, Laguna Philippines

Company Profile:

Universal Robina Corporation (URC), the "first Philippine multinational", is one of the largest branded foods companies in the Philippines, and has managed to expand to other Asian markets. Most recently, URC has expanded its reach to New Zealand and Australia through the acquisition of Griffin's Foods, a leading snacks player in New Zealand.

Maintenance Supervisor (July 6, 2010- October 1, 2012)

Calamba 2 Plant Snacks Line

Engineering & Maintenance Department

Duties & Responsibilities:

- Direct supervising on site and simulating work operations for team members without maintenance experience. Onsite training for better understanding safe job practices and choosing optimal maintenance techniques.
- Endlessly patient in repeating important details and highlighting safety aspects of every work step.
- Leads plant CAPEX projects through a stage-gate development process in support of meeting product performance, reliability, cost and project schedule goals.
- Site supervision for project realization. Equipment commissioning and take over. Responsible for punch list items clearance. Follow-up clearance program.
- Equipment: Rotating, static, packages, safety valves, piping, utilities, offsite equipment, workshop, etc.
- Administers the computerized maintenance module system. To meet the increasing demand for database maintenance program.



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- Updates and keep records of all maintenance activities such as preventive and predictive maintenance, lubrication schedules, equipment history, machine breakdown, tagging and check listing of all equipment, machinery and facilities.
- Extracts preventive maintenance program from plant or equipment manuals and convert them to checklists and propose maintenance schedule for the implementation of the said program, for the steady and improve the performance of equipment and plant machinery, such that uncontrolled breakdown will be eliminated.
- Completes the required data fields on work orders including information such as spares used, description of work completed, request for further work to be done and hours spent on particular tasks in SAP. Order tools and materials needed for maintenance activities.
- Corrective maintenance (repair) tasks, which includes:
 - 1) Pre-planning the task in terms of safety, spares and, tools.
 - 2) Preparing a plan for such a task in terms of procedures, task sequence, and duration.
 - 3) Ensures the best operating procedure and manufacturers' specifications in his repair.
 - 4) Give feedback on work orders regarding the task details.
- To adhere to the other database module existing in the company, for the coordination and activities.

PANASONIC SYSTEM NETWORKS PHILIPPINES CORPS. (PSNP)

(PSNP) Carmelray Industrial Park II

Calamba, Laguna Philippines

Company Profile:

Manufacturer, importer and distributor of electronic, electrical, mechanical, electro-mechanical appliances, other types of machines, parts and components bearing the brand name "Panasonic".

Maintenance Engineer (March 14, 2008-July 15, 2010)

Production Engineering Department

Manufacturing Division

Duties & Responsibilities:

- Support the Maintenance Dept. and Supervisor to assure the maintenance systems are being followed properly.
- Develop new and/or improve maintenance systems.
- Solving site process problems in close cooperation with operation department.
- Collect maintenance related data from the documents daily.
- Compare collected data to the standards and analyze for improvements.
- Compare the collected data to the production reports and analyze discrepancies.
- Organize and report data weekly/monthly/yearly.
- Measure OEE (Operating Equipment Efficiency) as required.
- Identify and quantify opportunities for improvements.
- Recommend and implement improvements.
- Actively support 6S policies and practices.
- Support new equipment installations as required and develop spare parts lists.



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PROFESSIONAL DEVELOPMENT

Provided by Philippine Welding Society, INC.

- “Welding Inspector Course” September 15-19, 2015

Provided by Aujan Coca Cola Beverage Company Dammam Plant, Kingdom of Saudi Arabia

- “Mechanical Training For CFA 124-36(Mtcb 124), SIG Combibloc Obiekan Training Costumer” September 12-18, 2013
- “Problem Solving and Business Priorities, Human Development Solution” June 2013
- “Process Creation on Sidel SBO 20 Universal, Sidel Technical Training Center” April 23-26, 2103
- “Effective Communication Skills, Human Development Solution” March 2013
- “The Art of Feedback, Human Development “ March 2013
- “Operational Excellence Diagnostic Study, The Coca Cola Company Euro Asia & Africa Group” March 9-19, 2013

Provided by Philippine Society Mechanical Engineers PSME-SA, Kingdom of Saudi Arabia

- “HVAC Design & Application “ December 26, 2104 January2, & 16, 2015
- “Pressure Vessel Inspection” November 21, 2014
- “PSME-SA 2nd Technical Symposium (Best Practices in Petroleum Engineering)” August 2014
- “Primavera P6 Computer Aided Planning and Scheduling Project Management” August 22, 29,2014
September 5,12 & 19 2014
- “Plumbing Design & Estimate “ May 30, 2014
- “Fire Protection Design” February 21 & 28, 2014

Provided by MERALCO Foundation Institute (MFI) Philippines

- “Basic Programmable Logic Controller” November 22- December 20, 2009

Provided by Panasonic System Network Communication (PSNP)

- “Basic Statistical Process Control” November 17-18, 2009
- “Value Engineering” September 27 & 29, 2009
- “Total Productive Maintenance (TPM)” October 23-24, 2009



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PERSONAL INFORMATIONS

- **Date of Birth:** November 9, 1985
- **Marital Status:** Married
- **Address:** 100 Radcliffe Road, West Bridgford Nottingham NG2 5HG, United Kingdom
- **Nationality:** Filipino

REFERENCE

- **ENGR. FERDEL B. MANDAP**
PMT-ENGINEER III (Site /Construction Superintendent)
AL JEHAAT COMPANY "JATCO" – SAUDI ARAMCO SMP
Mobile #: 00966501379262
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- **JOHN CADWELL**
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