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| **POSITION** | **:** | **Mechanical Superintendent** |

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| **Education** | **:** | Bachelor of Science in Mechanical Engineering (BSME) |
|  |  | 1983-1988 |

**Brief Summary of Experience:**

22 years of extensive experience in multi-national company engage in construction and commissioning of various infrastructure, Petro-chemical, Gas (LNG) Oil refinery, power plant,Hotel Operation and Maintenance and related industry abroad including local maintenance and operation.

**AREAS OF EXPERTISE / SKILLS: (Fabrication ,Installation and maintenance)**

* Tank
* Piping
* Rotating
* Fire Protection System
* Fans & Blower
* AHU\_PAHU\_FCU
* Heat Pump
* Plumbing
* Escalator and Elevator
* Pre-commisioning, commissioning and start up activities to all rotating machines.
* Review Technical submittals of contractor’s materials, shop drawings, TQ, Method statement and ITPs
* Charge of the technical validation of the Project components site tests.
* Liaises with the construction/erection subcontractor for the execution of these static and dynamic tests as well as other disciplines to complete the commissioning scope.
* Technical guidance to the subcontractor and contractor to resolve any issues encouneterd at site
* Performed presentation training and workshop for the “pre commisiioning systems”
* Coordinates and supervises the vendors’ representatives’ activities on site for the commissioning activities.
* Ensure that all rotating machines are in good and safe operation and ready for Handover on schedule.
* Plan and direct daily activities through his team of supervisors.
* Identify required resources, men and material, necessary to perform his activities.
* Factory audit for the supplier of equipment to evaluate facility quality system and standard
* Incharge for the completion and handover test packages.

**SUMMARY EXPERIENCE:**

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| **Industry** |  |  |
| Gas, Oil Refinery and Infrastructure Project | …………….. | 18 years |
| Building, High rise Hotel,Landscaping | …………….. | 4 years |
| **Total no. of years** | …………….. | **22 years** |

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| **WORKING EXPERIENCES:** | | |
| **Position** | **:** | **Construction Manager** |
| Duration | : | Aug 1,2020 – Present |
| Company | : | Catwork Construction |
| Industry | : | [Design,Build](http://www.bloomberg.com/research/stocks/private/snapshot.asp?privcapId=225226306) and Renovation |
| Project Name | : | Residenstial and Commercial Facilities |
| Location | : | Cavite City Philippines |
| Department | : | FACILITY Engineering Dept. |

* Compiling and planning budgets, cost estimates and other financial estimates; and coordinating, planning, and managing schedules for contractors and subcontractors
* Pre-commisioning, commissioning and start up activities to all rotating machines.
* Review Technical submittals of contractor’s materials, shop drawings, TQ, Method statement and
* ITPs
* Collaborating with engineers, architects, etc. to determine the specifications of the project; and negotiating contracts with external vendors to reach profitable agreements
* Technical guidance to the subcontractor and contractor to resolve any issues encouneterd at site
* Performed presentation training and workshop for the “pre commisiioning systems”
* Ordering and managing materials and equipment, and providing internal reporting and projections for inventory
* Factory audit for the supplier of equipment to evaluate facility quality system and standard
* Incharge for the completion and handover test packages.
* Overseeing construction projects from beginning to end, and managing the budget and estimate costs
* Supervising construction project progress and providing reports on timeline, progress, and adjustments
* Ensuring all legal requirements, building and safety codes, safety inspections, city guidelines, and local and state regulations are met.

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| **Position** | **:** | **MEPF Mechanical Manager** |
| Duration | : | July 11,2016 – July 30.2020 (4 Years) |
| Company | : | Tiger [Resorts, Leisure and Entertainment Inc](http://www.bloomberg.com/research/stocks/private/snapshot.asp?privcapId=225226306) |
| Industry | : | [Resorts, Leisure and Entertainment](http://www.bloomberg.com/research/stocks/private/snapshot.asp?privcapId=225226306) |
| Project Name | : | Tiger Resort Leisure and Entertainment Inc |
| Main Contractor | : | Comtech Asia/Forsspac/Trans Asia |
| Location | : | New Seaside Drive, Entertainment City Parañaque City, 1701, Metro Manila, Philippines |
| Department | : | FACILITY Engineering Dept. |
| Owner | : | OKADA MANILA |
|  |  |  |

 Okada Manila will have a total investment of US$2 billion for its first phase. Entertainment City is located on the foreshore of Manila Bay,

**SCOPE AND RANGE:**

* Installation,T&C,Operation and Maintenance of all major Equipments.
* 1500 Ton Chiller (13 Units)
* 250KW Pumps (26 Units) for Chillers
* 2500 KW Generator (13 Units)
* Fire Protection System
* Fans & Blower
* AHU\_PAHU\_FCU
* Heat Pump
* Plumbing
* Escalator and Elevator

**KPI OVERSEE and MONITOR :**

* + Budget / Finance
  + Standard Operating Procedures
  + Operations
  + Quality of Maintenance
  + External Contracts for Maintenance
  + Fire Life Safety Maintenance
  + Administration

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| **1.** | **Position** | **:** | **Mechanical Engineer /Superintendent PMT** |
|  | Duration | : | Dec 22, 2013 – 31 May 2016 |
|  | Company | : | Foster Wheeler Sofcon (FWS) |
|  | Industry | : | Petro-Chemical, Oil and Gas |
|  | Project Name | : | SADARA Propylene Oxide Plant CHEM III |
|  | Main Contractor | : | Foster Wheeler Sofcon |
|  | Location | : | Jubail Industrial 2 |
|  | Department | : | Project Management Team |
|  | Owner | : | Saudi Aramco Dow (SADARA) |
|  | Contract No. | : | 10029 |

A multi national Company is a main General Contractor for Civil, Mechanical, Piping, E, I and T works in Oil and Gas industry. The works include FEED, PMT/PMC and implementation , inspection, pre-commissioning, commissioning,oversee of SHE,materials, labor,equipment and manpower for the project.

Major works for Installation of Major Equipment Towers & Internals,Compressor,Fin-fan Cooler,MRU’s,drums,reactor’s,HVAC and Pumps.

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| **2.** | **Position** | **:** | **Field Mechanical Engineer/ Superintendent (Tankage)** |
|  | Duration | : | August 15,2013 – Dec 20, 2013 (4 Months) |
|  | Company | : | Chiyoda Singapore |
|  | Industry | : | Petro-Chemical, Oil and Gas |
|  | Project Name | : | Infenium Singa Project |
|  | Main Contractor | : | Chiyoda Singapore |
|  | Location | : | Jurong Island Singapore |
|  | Department | : | Mechanical Dept. |
|  | Owner | : | Exxon Mobil Singapore |
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A multinational Company is a main General Contractor for Civil, Mechanical, Piping, E, I and T works in Oil and Gas industry. The works include basic engineering, front end engineering and design, detail engineering, construction, inspection, pre-commissioning, commissioning, supply of equipment and manpower for the project.

Major works for Field Fabrication and Pre-commisioning of 18 Units API Storage Tank .

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| **4.** | **Position** | **:** | **Mechanical/Piping Lead QA/QC** |
|  | Duration | : | January 2011 – Apr 2013 (2 Years) |
|  | Company | : | Stone and Webster |
|  | Industry | : | Oil/Gas/Petroleum |
|  | Project Name | : | SPT 2 (Singapore Parallel Olifins Project) |
|  | Main Contractor | : | Stone and Webster |
|  | Location | : | Jurong island Singapore |
|  | Department | : | QA/QC Dept. |
|  | Owner | : | Exxon Mobil Singapore |

A main General Contractor Company for Civil, Mechanical, Piping and Tankage works in Oil and Gas industry. The works include review and approved test package and loop package documents prior to pre-commissioning and commissioning.

Major works EPCM Fabrication and Installation of module Pipe racks,Intallation of turbine and compressors,reactor,pumps ,towers and API tankage.

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| **5.** | **Position** | **:** | **Senior Field Mechanical Engineer/ Supervisor** |
|  | Duration | : | May 2008 – Dec 2010 (2 Years) |
|  | Company | : | Worley Parsons |
|  | Industry | : | Oil/Gas/Petroleum |
|  | Project Name | : | SPT (Singapore Parallel Train) |
|  | Main Contractor | : | FWP (Foster Wheeler Worley Parsons) |
|  | Location | : | Jurong Island Singapore |
|  | Department | : | IRF/Utilities |
|  | Owner | : | Exxon Mobil Singapore |
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A main General Contractor Company for Civil, Mechanical, Piping, E, I and T works in Oil and Gas industry. The works include basic engineering, construction, inspection, pre-commissioning, commissioning, supply of equipment and manpower to project.

Major works Supervision and Surveillance of fabrications in Batam Indonesia, Field Installation of piping spools, Supervision of Tie-in activities (IRF and Utilities), Witness of testing activities (hydro testing, pigging and pre-commissioning.)

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|  | **6. Position** | | **:** | | **Field Mechanical Engineer / Supervisor** |
| Duration | | : | | Jan 2007 – Dec 2007 | | |
| Company | | : | | CTJV (Chiyoda Technip JV) (1 year) | | |
| Industry | | : | | Oil/Gas/Petroleum | | |
| Project Name | | : | | QGX II | | |
| Main Contractor | | : | | CTJV | | |
| Location | | : | | Ras Laffan Qatar | | |
| Department | | : | | Utilities | | |
| Owner | | : | | Qatar Gas | | |

Major works Supervision and Surveillance of all fabrications, Installation, Testing,Witness and approved :

(Utilities) Pipe Rack, Steel Structures and Pipings.

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| **7.** | **Position** | | | **:** | **Mechanical Field Engineer/ Supervisor** | |
| Duration | | : | Jan 2006 – Dec 2006 (1 Year) | | |
| Company | | : | PEC (Plant Engineering Company) | | |
| Industry | | : | Oil/Gas/Petrochemical | | |
| Project Name | | : | GSK Expansion Project | | |
| Main Contractor | | : | Jacob Engineering | | |
| Location | | : | Pioner St. Singapore | | |
| Department | | : | Mechanical | | |
| Owner | | : | Glaxo Smith Kline | | |

A main General Contractor Company for Mechanical, Piping and E&I works in Oil and Gas industry. The works include basic engineering, construction, inspection, pre-commissioning, commissioning, supply of equipment and manpower to project.

Major works Supervision and Surveillance of Fabrications, installation, demolition and maintenance: (PB1 and PB2) Pipe Rack, Steel Structures, pumps and piping )

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| **8.** | **Position** | **:** | | **Mechanical Supervisor** | |
| Duration | | | : | | Jan 2000 – Dec 2005 (5 Years + 5 Months) | |
| Company | | | : | | FAFCO/PETCON | |
| Industry | | | : | | Oil/Gas/Petrochemical | |
| Project Name | | | : | | Rastanura Waste Water Recovery/Sulfur Recovery/Gas Plnat upgrade/Replacement of Fire Water C.O.T. | |
| Main Contractor | | | : | | FAFCO/PETCON | |
| Location | | | : | | Saudi Arabia | |
| Department | | | : | | Mechanical | |
| Owner | | | : | | Saudi Aramco | |

Major works Supervision and Surveillance of installation, Fabrications, Tie-in and installation of Pipe Rack, Steel Structures tank, Piping and equipment’s.(All Aramco projects)

**Job Description/Duties and Responsibilities:**

* Review IFC General Arrangement plans, P&ID, isometrics, fabrication and layout drawings for piping, mechanical, structural and Instruments disciplines.
* To ensures that projects are built according to approved plans, specifications and applicable International codes and that efficiency in labour and materials to maintain high quality standards.
* Maintains a daily log and project budget.
* To Manages hourly employees as required to complete the project in consultation with the Superintendent and Construction Manager, approves and submits hourly time cards with all necessary details for job costing purposes.
* Prepares Request for Information (RFI), Non-Conformance Reports (NCR), in regards to work under supervision.
* Review and approve Method Statement (MS), Job Safety Analysis (JSA), etc. submitted by subcontractor.
* To assist and prepare tool box meeting prior to comments the activities.
* To ensure that site safety SHE measures meet or exceed the parameters set out by corporate safety manual, Workers' Compensation Board or any other authorities.
* To attend daily production and coordination meeting.

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| **9. Position** | **:** | **Field Mechanical Engineer** |
| Duration | : | Feb 1999 – Dec 2000 (2 Years) |
| Company | : | CCC |
| Industry | : | Oil/Gas/Petroleum |
| Project Name | : | RIC and GOSP 2 (Shaybah) / Sharq 2nd Expansion (Jubail) |
| Main Contractor | : | CCC |
| Location | : | Shaybah/Jubail |
| Department | : | Mechanical |
| Owner | : | Saudi Aramco |

* Review IFC General Arrangement plans, P&ID, isometrics, fabrication and layout drawings for piping, mechanical, structural and Instruments disciplines.
* Analyse all root causes for all fabrication and field issues and resolve same and implement all new process tools according to required order.
* Coordinate with technicians and provide support to all teams and maintain quality of all work processes in systems.
* Manage all communication with supervisors and ensure efficiency of all fabrication process and resolve all issues for processes.
* Design various ideas for all ladders and gantries and prepare detail drawings for all fabrication processes.
* Prepare estimates and quotes for all supply materials and assist to fabricate and weld all products. Plan all materials for new products and ensure optimal utilization of all resources and administer product orders and ensure compliance to all timeframe for all fabricated products.
* Coordinate with site team and prepare all product should be done as milestone priority.
* Ensures that projects are built according to approved plans, specifications and applicable building codes and that efficiency in labour and materials maintain high quality standards.
* Assist fabrication manager and prepare reports on regular basis after final inspections. Manage and reconcile all work orders with help of vendors and prepare required drawing and evaluate all welding joints.
* Maintain quality for all fabrication and field installation from conceptualization to implementation and perform inspection for all painting and sandblast.
* Generating and tracking MC/PC check sheets.
* Attend day by day progress and coordination meeting.
* Provide support to all total productive maintenance programs and design all fabrication and field installation processes and appropriate schedules.
* Collaborate with work team and assist in delivery and completed projects.

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| **10. Position** | **:** | **Mechanical Field Engineer** |
| Duration | : | Jul 1996 – Jan 1999 (2 Years + 7months) |
| Company | : | EEI (Engineering Equipment Inc.) |
| Industry | : | Oil/Gas/Petroleum |
| Project Name | : | Petron Expansion Project |
| Main Contractor | : | Daelim Engineering |
| Location | : | Limay Bataan |
| Department | : | Mechanical |
| Owner | : | Petron Philippines |

* Review IFC General Arrangement plans, P&ID, isometrics, fabrication and layout drawings for piping, mechanical, structural and Instruments disciplines.
* Prepare estimates and quote lines for all supply materials and assist to fabricate and weld all products. Plan all materials for new products and ensure optimal utilization of all resources and administer product orders and ensure compliance to all timeframe for all fabricated products.
* Generating and tracking MC/PC check sheets.
* Attend day by day progress and coordination meeting.
* Coordinate with site team and prepare all product should be done as milestone priority.
* Ensures that projects are built according to approved plans, specifications and applicable building codes and that efficiency in labour and materials maintain high quality standards.
* Conduct walk down line check with the clients and create punch list.
* Witness and verify mechanical completion & pre-commissioning activities.
* Reviewed Iso pack as per project requirement and international Codes and Standards. Such-us: Material Traceability Reports, Weld map, Test Reports and NDE Reports, prior to submit too the clients.

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| **11. Position** | **:** | **Mechanical Supervisor** |
| Duration | : | Nov 1990 – May 1996 (5 Years) |
| Company | : | BSHI (Belleli Saudi Heavy Ind. Ltd) |
| Industry | : | Oil/Gas/Petroleum |
| Project Name | : | SWCC Yanbu/ Sadaf Expansion (Jubail)/Petrokemya Olefins Furnace Expansion. |
| Main Contractor | : | BSHI (Belleli Saudi Heavy Ind. Ltd) |
| Location | : | Yanbu/Jubail |
| Department | : | Mechanical |
| Owner | : | Saudi Aramco/Sadaf/Petrokemya |

* Review IFC General Arrangement plans, P&ID, isometrics, fabrication and layout drawings for piping, mechanical, structural and Instruments disciplines.
* Prepare estimates and quote lines for all supply materials and assist to fabricate and weld all products. Plan all materials for new products and ensure optimal utilization of all resources and administer product orders and ensure compliance to all timeframe for all fabricated products.
* Generating and tracking MC/PC check sheets.
* Attend day by day progress and coordination meeting.
* Coordinate with site team and prepare all product should be done as milestone priority.
* Ensures that projects are built according to approved plans, specifications and applicable building codes and that efficiency in labour and materials maintain high quality standards.
* Conduct walk down line check with the clients and create punch list.
* Witness and verify mechanical completion & pre-commissioning activities.
* Reviewed Iso pack as per project requirement and international Codes and Standards. Such-us: Material Traceability Reports, Weld map, Test Reports and NDE Reports, prior to submit too the clients.

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| **CODE AWARENESS:** |

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|  | **API** | **-** | American Petrolium International | |
|  | **ASME** | **-** | American Society of Mechanical Engineers | |
|  | **EMGP** | **-** | Exxon Mobil General Practice | |
|  | **SAES** | **-** | Saudi Aramco Engineering Standard | |
|  | **AWWA** | **-** | American Water Work Association | |
|  | **ANSI** | **-** | American National Standard Institute | |
|  | **ISO** | **-** | International Standard Organization | |
|  | **AWS** | **-** | American Welding Society | |
|  | **SMACNA** | **-** | Sheet Metal and Air Conditioning Contractors National Association | |
|  | **ASHRAE** | **-** | American Society of Heating,Refrigeration and Air Conditioning Engineers. | |
|  | **NFPA** | **-** | National Fire Protection Association | |
| **SPECIAL SKILLS:** | | | |

* Knowledge in quantity survey,Mechanical, piping and structural works.
* Computer literate, windows, excel, word, SPR and Navisworks.
* Integrated Management Information System (**IMIS**)
* Knowledge in planning and site scheduling.
* Knowledge in Preparation of Claims, Variation order and Extra work.
* Knowledge to analyze Method Statement,ITP’s,Lifting Plan and SHE Plan.
* Knowledge to estimate manpower and equipment and monitoring site requirement.

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| **Seminars and Training Attended:** |

* **People Management Skills Training** ( 18 July 2018)
* **SADARA LCT** (Life Critical Training) and BIF (Beyond Injury Free)
* **Beyond Zero** (Zero Accident Campaign) Incident and injury free Seminar-Qatar
* **NDT Level II** for RT/MT/PT (SNT-TC-1A 2011 Certificate Nos.FIS/SG/0180/13;FIS/SG/0181/13;FIS/SG/0182/13)
* **Exxon Mobil Leadership** Training and Awareness
* **Competent Use** of SALA Temporary Horizontal Lifelines
* **Safety Instruction Course** ( Manhole) Supervisor
* **Safety Training for Supervisors** in house training
* **Oil/Petrochemical Industry Safety Course** for Supervisor
* **Safety Orientation Course** (Oil/ Petrochemical)
* **Pipe Fitting** Supervisory Course
* **Safety Training for Engineers and Supervisors**
* **Line Supervisor SHE Roles and Responsibilities**
* **Permit Applicant Training** (Exxon Mobil Representative)
* **Safety Excellency Awareness**
* **Pro-CI Kaizen Workshop**

**PERSONAL INFORMATION**

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| --- | --- | --- |
| **Full Name** | **:** | Zandro R. Badillo |
| **Civil Status** | **:** | Married |
| **Gender** | **:** | Male |
| **Date of Birth** | **:** | January 8, 1966 |
| **Place of Birth** | **:** | Trece Martires |
| **Contact Address** | **:** | Blk.18A Lot 6 Maravilla Subdivision. San Francisco  General Trias Cavite City Philippines 4107 |
| **Passport No.** | **:** | P8417797B |
| **Expiry Date** | **:** | Dec.7, 2031 |
| **Contact Number** | **:** | 0063-9162076624 |
| **E-mail Address** | **:** | [zanbadillo@gmail.com](mailto:zanbadillo@gmail.com); badillozandro@yahoo.com |

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| **Computer Skills** | **:** | Windows office application (excel, word, power point, SPR & Navisworks etc.) |
| **Other Skills** | **:** | Construction and Operation |