

Curriculum Vitae

VICTOR P. MONILLAS

vic_monillas@yahoo.com

Unit 1, Cielo e Terra Townhomes, Villalon corner
Acacia Streets, East Capitol Site, Cebu City, Philippines Zip Code: 6000
Mobile No. +63919 554 2949 (in Phil)/ +966 59 346 2949 (in KSA)
Land Line No. +63 32 511 9476 (in Cebu City, Philippines)



LOCATION: PP12 3500MW Combined Cycle Project of Saudi Electric Co. (owner), Duruhma, Riyadh, KSA - SBG Group High Rise & Sub- Terrain Infra Structure Projects – Riyadh, KSA -Tabuk & Dubah PPs, Tihama, Jubail & Khurais Projects Of Saudi Electric Co. (SEC), 4620MW Shoaibah Power Plant Project, Jeddah, KSA
ARAMCO Ras Tanura Oil Refinery Plant Project
QG Oil Refinery Project @ Ras Laffan, Qatar

EDUCATION:

MS BUSINESS ADMINISTRATION, 1991 UNIVERSITY of SAN CARLOS, CEBU CITY, PHILIPPINES
BS MECHANICAL ENGINEERING, 1982 UNIVERSITY of SOUTHERN PHILIPPINES FOUNDATION
LAHUG, CEBU CITY, PHILIPPINES

SECONDARY EDUCATION, 1976 DON BOSCO TECHNICAL COLLEGE –CEBU (ITALIAN SCHOOL)
LABANGON, CEBU CITY, CEBU, PHILIPPINES

BORN: CEBU CITY, CEBU, PHILIPPINES (26th DECEMBER 1959)

PHYSICAL: HEIGHT: 1.70 m

WEIGHT: 86.60 kgs.

HEALTH: EXCELLENT

- PROFESSIONAL SUMMARY: CMMS STANDARD, OPERATION & MAINTENANCE APPLICATION, ENGINEERING SERVICES & PLANT EFFICIENCY & RELIABILITY AUDIT/ MONITORING & ANALYSIS FROM SHOAIBAH POWER PLANT OF SCECO, SOUTH OF JEDDAH, KSA&ARAMCO OIL REFINERY @ RAS TANURA & RC JUBAIL, KSA.PROJECT PLANNING ENGINEER / COST ESTIMATION/ QA QC ENGINEERING @ HIDADA LTD & QATAR GAS OIL & GAS TO LIQUID (GTL) REFINERY PROJECT.

STRENGTHS INCLUDE:

- QA/QC FIELD INSPECTION OF DATA ACQUIRED FROM IMPLEMENTED & CURRENT PROJECTS IN CONFORMITY WITH SAES, ASTM, BFPA, ASME, AISI, API STANDARD & RELATED ENGINEERING CLASSIFICATIONS
- TOTAL OF 28 YRS EXPERIENCE IN OIL & GAS (LOCAL & OVERSEAS), MECHANICAL STEEL DESIGN OF PIPING AND STORAGE TANKS, CATHODIC PROTECTION DESIGN & INSTALLATION TO MARINE EXPOSED STRUCTURES & EQUIPMENTS, POWER PLANT OPERATION/MAINTENANCE PLANNING MANAGEMENT INCLUDING HVAC DESIGN (ASHRAE STANDARD)
- SERVED AS A RESOURCE SPEAKER WITH THE PSME-CRSA RIYADH CHAPTER, KSA RELATED TO THE THEORY & PRACTICE OF PRIMAVERA PROGRAM (P6)WITH THE AID OF ITS SOFTWARE ITSELF
- Undergone Training Program on Offshore/Onshore Oil & Gas Drilling Rig Technology, Theory & Practicum April 15-May 15,2011 (120hrs)
- IMPLEMENTED MANAGEMENT & TRAINING OF PERSONNEL
- SOLUTION ORIENTED LOGISTICS & MAINTENANCE PLANNING
- DEVELOPMENT OF A COMPREHENSIVE MAINTENANCE PROGRAM/ CMMS FOR OIL REFINERY & POWER PLANT OPERATION & MAINTENANCE MANAGEMENT, RELIABILITY CENTERED MAINTENANCE (RCM) /PLANT EFFICIENCY & RELIABILITY AUDIT/ MONITORING & ANALYSIS
- PERFORMED THE SERVICES OF A MAINTENANCE PLANNER AS WELL AS A MECHANICAL TECHNOLOGIST/ ENGINEER FOR POWER PLANT OPERATION AND MAINTENANCE AND OIL REFINERY OPERATION AND MAINTENANCE/ PROJECT.

PROFICIENT IN COMPUTER WHILE WORKING WITH NATIONAL POWER CORPORATION, THE FLAGSHIP COMPANY IN ELECTRICITY GENERATION-PHILS., PARTICULARLY IN MICROSOFT EXCEL, MS WORD & MS PROJECT/PRIMAVERA FOR COMPUTERIZED PROJECT CONSTRUCTION, CMMS/ PM /SAP, OPERATIONS & MAINTENANCE MANAGEMENT

PROFESSIONAL EXPERIENCE:

Mechanical Engineer in Planning & Project Cost Control
Arabian BEMCO Co. Ltd.
Sept 19, 2013 until the present

PP12 Combined Cycle Project
Saudi Electric Co. (owner)
Duruhma, Riyadh, KSA

Conducted and prepared daily, weekly & monthly project construction progress reports, 3week look ahead schedules & weekly updates in all disciplines – by systems in P6.2 primavera and submit it to top management as well as to the client for its review and further comments. Coordinated with clients' representative and related top management staff for the projects timely implementation as based from its overall programmed data date.

Performed and conducted inspection and prepared test plan (ITP) for the current project on its electrical utilities, district cooling, heating & potable water supply, HVAC system, piping & plumbing system and sanitary & sewage bilge well system.

Prepared the proper logistics, material take-off and material requirements needed for the job in the project as well as the manpower requirement in excel, PERT CPM/PRIMAVERA. Prepared the cost & budget estimation for required equipment's in a system, elevators, gen set and piping systems and all related MEPs as well as the HVAC design & calculation of the recently constructed tower structures in the assigned zone area and submit it to client and top management for its review and implementation.

Project planning & cost control system engineer (PPCS) will be responsible to identify unforeseen factors resulting to the actual downtime and slippages of the project itself and recommend to top management for its deliberation as well as further action to prevent recurrence. BEMCO's project planning & cost control engineers (PPCS) team has the primary responsibility for the project controls of the works and services including planning, scheduling and progress reporting. Thus, it is a sound engineering approach to be responsibly attending to the project schedules that is time bound to finish it being sensible performers.

Quantity Surveyor in Planning & Scheduling, Cost Control & Budget Estimation, Project Estimates in
Construction, HVAC Design & Calculations
KAFD PROJECT (King Abdullah Financial District), SBG-RIC (Riyadh Investment Corp)
Marcus Malley, Riyadh, KSA
April 22, 2010 – December 17, 2012

Prepared the 3 week look ahead program and weekly updates in all disciplines from all parcel areas of its work scope progress in zone 1 & 2 in aid of the Primavera (P6) program updaters. Conducted and prepared daily, weekly & monthly project construction progress reports and submit it to top management as well as to the client for its review and further comments. Coordinated with clients' representative and related top management staff for the projects timely implementation as based from its overall programmed data date.

Coordinated with quantity surveyors and prepared progress reports and variation order logs from EPC contractors on the actual extent of site work intended for top management, consultants and client for its review and evaluation.

Performed the cost estimates of enquiries from prospective clients intended for bidding & tender documents. Conducted project planning program in PERT CPM/PRIMAVERA (P6) for site construction of hi-rise and horizontal infrastructure projects, railway system on above grade & below grade and sub-terrain tunnels, electric & water district utilities and its system in order to satisfy the need of our client and in conformance to its 2 year post construction audit of recently constructed project. Done operations and maintenance planning in PERT CPM/PRIMAVERA (P6) and Microsoft Project for the logistical requirement for its current project.

Performed and conducted inspection and prepared test plan (ITP) for the current project on its electrical utilities, district cooling, heating & potable water supply, HVAC system, piping & plumbing system and sanitary & sewage bilge well system. Prepared the proper logistics, material take-off and material requirements needed for the job in the project as well as the manpower requirement in excel, PERT CPM/PRIMAVERA. Prepared the cost & budget estimation for required equipment's in a system, elevators, gen set and piping systems and all related MEPs as

well as the HVAC design & calculation of the recently constructed tower structures in the assigned zone area and submit it to client and top management for its review and implementation.

SBG-PBAD has the primary responsibility for the project controls of the works including planning, scheduling and progress reporting including commissioning and development of maintenance program for its future operations.

The plan for the project is to developed with the full participation of the project team. It will represent the agreed best approach to achieve the project's time and budget requirements. SBG PCS team performs the project scheduling function for all projects by using a quantity/man-hour based scheduling approach and an integrated baseline concept between the control functions of estimating, scheduling and cost control. This approach will result in schedules, which will be resource-loaded based on the quantities and man-hours included in the construction man-hour budget. These schedules will be the basis for the preparation of all required project schedules documentation throughout the life cycle of the project. However, by no means these schedules are rigid, as they will be updated periodically to reflect the project realities. Project control system engineer (PCS) will be responsible to identify unforeseen factors resulting to the actual downtime and slippages of the project itself and recommend to top management for its deliberation as well as further action to prevent recurrence.

SBG-PBAD PCS team has the primary responsibility for the project controls of the works and services including planning, scheduling and progress reporting. Thus, it is a sound engineering approach to be responsibly attending to the project schedules that is time bound to finish it being sensible performers.

Estimation Engineer in Planning & Cost Estimation, Project Planning & Scheduling
Hidada Ltd.

Jeddah Industrial City, PO Box 11809 Jeddah, Saudi Arabia
+966 2 637 4450 Ext. 457

January 2, 2008 – January 4, 2010

Prepared the proper logistics, manpower and material requirements needed for the job in PERT CPM/PRIMAVERA (P6) for upcoming power plant project in site. Conducted operations and maintenance planning in PERT CPM/PRIMAVERA (P6) for erected power plant project and its system in order to satisfy the need of our client and in conformance to its 2 year post OMP audit of constructed project. Performed and conducted inspection and prepared test plan (ITP) for shop fabricated oil storage tanks, piping system and structural steel projects for its power plant development project in SEC Shoaibah Power Plant Project, Tabuk, Dubah, Tihama and Khurais Projects.

Performed the cost estimates of enquiries from prospective clients intended for bidding & tender documents. Done operations and maintenance planning in PERT CPM/PRIMAVERA (P6) and its logistical requirement for its oil refinery project & power plant system in Rabigh. Prepared and designed site erection plans/drawings & procedures needed for client's approval and for implementation at site. Prepared safety procedures needed and required by client's to be implemented during power plant construction and its system in site. Designed a lifting plan procedure as being assigned for approval with client which shall be implemented in heavy lift operation in site. Recommended training of personnel to upgrade their capability in their skills that needs new technology for their practice.

Improve the facilities system design or operations and provide the specialized technical services in conformance to *SAES, ASTM, BFPA, ASME, AISI, API, OSHA & CMMS/Reliability Centered Maintenance (RCM) /Plant Efficiency & Reliability Audit/ Analysis*, engineering standards in relation to known electrical, instrumentation and mechanical discipline.

DAEWOO ENGINEERING & CONSTRUCTION

Qatar Gas Oil Refinery Project, Ras Laffan, Doha, Qatar

Mechanical Engineer – Planning, Project Engineering on Mechanical Piping System, QA/QC

May 2007 to October 2007

Performed the 3 week look ahead program of existing project in all discipline in PERT CPM/PRIMAVERA (P3/P5). Performed and conducted inspection and prepared test plan (ITP) for the current project in MEP, HVAC system, piping system and electric utilities & district water supply. Prepared the proper logistics, material take-off and material requirements needed for the job in the project as well as the manpower requirement in PERT CPM/PRIMAVERA (P3/P5) Project Planner.

Prepared the cost & budget estimation for required equipment's in a system, GTL & FEED plant system and piping systems and all related MEPs as well as the HVAC design & calculation of the constructed plant structures in the assigned zone area and submit it to client and top management for its review and implementation.

Attended the weekly management team meeting related to current progress of the project and recommended to management the sound engineering solution. Carried out and undertaken mechanical piping and pipefitting design & engineering including material take off, ITP's & QA/QC as being assigned for GTL & FEED oil refinery project. Coordinated with QC audit team for revision and upgrading of system design in oil refinery GTL & FEED project at Ras Laffan, Qatar conforming to recognized engineering standards.

Coordinated with quantity surveyors and prepared progress reports and variation order logs from EPC contractors on the actual extent of site work intended for top management, consultants and client for its review and evaluation. Performed, developed safety work plan on site and execute these safety plan as requested by top management in order to prevent untoward incidences that will jeopardize the work schedule and related site operational risk. This is in conformance to the highest quality standard being imposed by management as embodied from its existing company operations procedure manual in project execution.

Designed & prepared erection gear tools and manpower requirement needed for site project as being assigned. Prepared and designed site erection plans, drawings & procedures needed for client's approval and for implementation at site. Prepared safety procedures as assigned and required by client's to be implemented during project execution at site. Designed a lifting plan procedure as being assigned from top management in coordination with clients which shall be implemented in heavy lift operation on site.

SUWAIDI INDUSTRIAL SERVICES (SIS), Jubail & Shoaibah, KSA

QA-QC & Quantity Surveyor / Mechanical Engineer

in Power Development Project, Piping System, Storage Tanks, Hoppers & its System, Feed Water Pump System & Boiler, Economizer & Condensers/ Heat Exchangers

October 7, 2004 to March 2007

Prepared the manpower and material requirements needed for the job in the project in PERT CPM/PRIMAVERA (P3) for upcoming power plant project in site. Conducted operations and maintenance planning in PERT CPM/PRIMAVERA (P3).

Designed & prepared erection gear tools and manpower requirement needed for site project. Prepared and designed site erection plans/drawings & procedures needed for client's approval and for implementation at site. Prepared safety procedures needed and required by client's to be implemented during project execution at site. Designed a lifting plan procedure for approval with client which shall be implemented in heavy lift operation in site. Done mechanical piping and pipe system material take off for current oil refinery and power plant projects.

SUWAIDI INDUSTRIAL SERVICES (SIS), Jubail & Rahima Eastern Province, KSA

QA-QC Surveyor & Inspector and

Mechanical Engineer in Project Planning & Cost Engineer

15Feb1999 to 05July2004

Conducted operations and maintenance planning in Primavera (P3). Prepared manpower, spare parts and material requirements needed for the job in the project in Gantt Chart-PERT CPM for upcoming power plant project in site. Performed equipment and piping works schedule for the system upgrading of SCECO, Ras Tanura & RC Jubail petrochemical plant. Performed operations and maintenance schedules and conducted special studies to upgrade the facilities system design & operations in conformance to SAES, ASTM, BFPA, ASME, AISI, API, OSHA & CMMS Reliability Centered Maintenance (RCM) /Plant Efficiency & Reliability Audit/ Analysis, engineering standards in relation to known electrical, mechanical, civil and architectural fields that include HVAC system design (ASHRAE standard), operation & maintenance application in Oil Refinery Facility @ RasTanura, Shoaibah Power Plant of SCECO @ Jeddah & ARAMCO Oil Bulk Plant Facility in RasTanura, KSA.

Prepared the proper logistics and material requirements needed for the job in the project as well as the manpower requirement in PERT CPM/Primavera for piping system upgrading in site. Perform all phases of revision works as required by management, procurement of materials for the determined engineering project, designed work scope specifications intended for the maintenance contractor. Work as a consultant in the engineering design and modification parameters.

Performed and developed safety work plan on site as being assigned in order to prevent untoward incidence that will jeopardize the work schedule and related site operational risk. This is in conformance to the highest quality standard being imposed by management as embodied from its existing company operations procedure manual in project execution.

Coordinated with QA/QC surveyors and conducted ITP inspection of current projects conforming to recognized engineering standards & practice, preparation of work scope in contract specs, mechanical design & computations its policies & guidelines in relation to known engineering standards including HVAC system and related equipment under maintenance and piping upgrading and revision works in Oil Refinery @ RasTanura, KSA.

Planned and exercised control of logistical requirements in the field and implemented CMMS/Reliability Centered Maintenance (RCM) /Plant Efficiency & Reliability Audit/ Analysis, operation/maintenance schedules in GanttPrimavera (P3). Undertook steel works and pipe line system upgrading plan in P3forRC Jubail petrochemical and RasTanura oil refinery plant, KSA.

National Power Corporation – VRC Jones Ave., Cebu City, Philippines
Mechanical Engineer in Operations, Maintenance Planning & Engineering Dept.
08Sept1985 to 31Dec1998

Implemented the preventive maintenance schedules, predictive maintenance or conditioned based maintenance and corrective maintenance schedules for its plant and auxiliaries with the usage of computerized MMP program including the compliance of the related Reliability Centered Maintenance (RCM) to its plant at a cost effective and higher efficiency results.

Implemented commissioning; operations, maintenance and project (OMP) program, of the company's engineering department of its power plant projects in 450MW Calaca Thermal Power Plant and 300MW Cebu Thermal Power Plant construction and engineering services. Undertook the power plant system design and upgrading of existing system. Conducted *Managed Maintenance Program (MMP)*, Reliability Centered Maintenance (RCM) & *Plant Efficiency & Reliability Audit/Analysis* for power plant operations and maintenance engineering including the heating, ventilating and air conditioning (HVAC) system design of its plant and related equipment, applied maintenance, analysis and evaluation. Formulated design and conducted the *heat rate improvement program (HRIP)* for its plant in order to come up with the desired economical operating parameter.


CONSTRUCTION & DEVELOPMENT CORP. of the PHILS. EDSA, Quezon City, Philippines
CDCP/PHILPHOS Project
Isabel, Leyte, Phils.
Project Cost Engineer
23Nov1983 to 25July1984

Prepared Gantt bar chart and/or PERT-CPM for work activities in each engineering discipline and make a comparative analysis of the project in relation to the projected work. Coordinated with management the logistical requirements of the project in comparison to the projected budget in order for management to come up with the appropriate budgetary cost in each engineering discipline. Conducted modifications of existing plans and drawings as well as coordinated to management the proper design parameter in accordance with the sound engineering standards.

CEBU SHIPYARD & ENGINEERING WORKS CO.
Dad Cleland Avenue, LapuLapu City, Philippines
Mechanical Estimator/ Cost Engineer
02March1980 to 04Nov1983

Conducted preparation of statistical data and technical information from foreign and domestic vessels for purposes of cost estimates, design revision and computations. Implemented the ultrasonic gauging test (UT), radiograph test/ x-ray test and related non-destructive test (NDT) as required as well as recommended to management the proper maintenance schedule on its vessel in conformance to engineering standards. Formulated safety procedures and guidelines tailor fit to known engineering parameters.

I, **VICTOR P. MONILLAS**, a professional mechanical engineer registered under Philippine laws with the Professional Regulation Commission (PRC) in the city of Manila, Philippines; do hereby concurred to the correctness of the above information.


(sgd) VICTOR P. MONILLAS
PME License No. 003266

Date of Registry: December 01, 1997
Government Agency Registered: Professional Regulation Commission
City of Manila, Philippines