

GARY R. NISPEROS

MECHANICAL ENGINEER

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A qualified engineer with an exceptional track record in managing large construction and maintenance infrastructure for diverse industrial setups, hands-on and technical expertise, seeking to apply accrued skills, knowledge, and experience to help in contributing towards the achievement of organizational goals. 15+ years experience in EPC – Engineering, Procurement, & Construction firm for Power Plant (Combined Cycle & Coal Fired Power Plant) construction management up completion & hand-over to Owner.

EXPERIENCE

MECHANICAL CONSTRUCTION MANAGER

May 2021 ~ Aug 2023

Toshiba Plants Systems & Services Corporation / TPSC (Thailand) Co., Ltd.

B.Grimm Cogeneration Power Plant Project – Series Project of 140MW / Block [2 GTs – 2 HRSGs – 1 Steam Turbine] BPLC1R – Laem Chabang (1-Block) / BPAMR – Rayong (2-Block) / BPAT23 – Ang Thong (2-Block), Thailand

- ❖ Managing 5-Contractors and supervising / mentoring 22-Site Engineers / Supervisors in installation up to completion of Combined Cycle Power Plant which involve Gas Turbines / Generators, Steam Turbines / Generators, HRSGs, BOP – Balance of Plants, Water Treatment & Waste Water Treatment System & Fire Fighting System.
- ❖ Full implementation of the Construction Execution Plan in the field and monitor the performance of the project from a construction perspective. Plan, schedule and manage all activities related to day-by-day construction project.
- ❖ Excellent in coordination with other section in the project, Civil, Electrical, C&I, Commissioning, Safety, & Owner to smoothly facilitate site activities. Finalizing Technical Field Advisers (TFA) schedule and mobilization to site for the installation up to commissioning of supplied Main Equipment.
- ❖ Identify and define the test package limit in accordance to the program agreed and with the priorities established from the construction over-all schedule. Preparing test package summary for the overall project and from the approved line list, prepare the test package showing the extent of pipe work through the approved P & ID drawings and Isometric drawings and identifying piping components and internal parts not to be included on the pressure testing.
- ❖ Arrangement of Construction to Commissioning Walkdown hand-over inspections / Mechanical Completion Walkdown, punchlisting & clearing, up to the Hand-over of the required Systems for Commissioning.

CHIEF MECHANICAL & PIPING ENGINEER

Apr 2015 ~ Apr 2021

Toshiba Plants Systems & Services Corporation

Cirebon 2, 1000MW Coal Fired Power Plant Project, West Java, Indonesia
CEL II – 150MW Coal Fired Power Plant Project, Sihanoukville, Cambodia
BPU & ABPR34 Combined Cycle Power Plant Project, Thailand

- ❖ Take a leading role in defining, analyzing construction schedule, proposing and implementing solutions for critical path of the project schedule. Evaluating site progress, commodity curves, work fronts, resources, & tracking material deliveries in order to meet project milestone.
- ❖ Responsible for 3-months & 3-weeks look ahead schedule preparation and monthly/weekly progress meeting with Owner & Owner's Engineer, weekly report preparation and submission to Site Manager and Project Control Team.
- ❖ Ensure activities are conducted and completed in accordance to project specifications and International Standards.
- ❖ Fully hands on and in-charge in Balance of Plants (BOP) Piping portion, from finalizing of Sub-contractor, site documentation establishment, piping & support installation, linechecks / inspection with Owner, Pressure Test, Flushing up to Hand-over to Commissioning.
- ❖ Fully in-charge in HRSG Hydrotest (with ASME-1 Inspector & Government License Engineer), Chemical Cleaning with Steam Piping, HRSG Safety Valve Test, Steam Blowing site operation and target plates inspection with Steam Turbine Technical Field Adviser.

MECHANICAL & PIPING ENGINEER

Mar 2005 ~ Mar 2015

Toshiba Plants Systems & Services Corporation

Amata B. Grimm Combined Cycle Power Plant Project – (Series of Projects): Chonburi & Rayong, Thailand.
SIDI-KRIR Power Station, 750MW Combined Cycle Power Project, WDEPC, Alexandria, Egypt.
PD2 750MW Combined Cycle Power Plant Project, Port Dickson, Negeri Sembilan, Malaysia
1550MW Umm Al Nar Independent Water & Power Project, Abu Dhabi, UNITED ARAB EMIRATES

- ❖ Fully hands on and in-charge in Balance of Plants (BOP) Piping portion, from finalizing of Sub-contractor, site documentation establishment, piping & support installation, linechecks / inspection with Owner, pressure test, and flushing.
- ❖ Responsible for all sites supervision of project, plant construction, modifications to ensure the activities are executed safely, as per the scope of work, and meeting the schedule.
- ❖ Fully in-charge reviewing and issuance Site Procedure / Method of Statements preparation like ITP, Chemical Cleaning Procedure, PIG Cleaning Procedure, Erection Procedures for each Major/Minor Equipment, etc.
- ❖ As-built drawing preparation for the modified siterun or smallbore piping prior to and Non-Destructive Testing (PT, MT, UT, RT) arrangement as required in project specification and international standard, eg. ASME, JIS, API.
- ❖ Authorized person for Permit to Work (PTW) system for all the live plant systems and also to the existing plant area. (Lock-out & Tag-out, hot work and Confined space permits).
- ❖ Issuance of Technical Queries (KinToi) to design team, and Site Instruction to Subcontractor for the required modification work at site.
- ❖ Comparing / checking BOQ/MTO from approved drawing compared to supplied/purchased BOQ.

EDUCATION & ELIGIBILITY

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Don Mariano Marcos Memorial State University, Mid-La Union Campus – San Fernando La Union Philippines
With Evaluation from World Education Services 2023 – 4 Years Bachelor's Degree Equivalent

PASSED THE MECHANICAL ENGINEERING NATIONAL BOARD EXAMINATION in October 2003 under Philippine Regulation Commission. **MECHANICAL PROFESSIONAL IDENTIFICATION CARD No.: 0062584**

SKILLS

- Effective Management & Team Leadership Skills
- Microsoft Project & Primavera P6
- Communication and Interpersonal Skills
- AutoCAD / Navisworks / Bentley Navigator
- Strong Analytical and Problem Solving Skills
- Proficient in Microsoft Office (Word, Excel, Powerpoint, Outlook, Teams).

CERTIFICATIONS & TRAININGS

Non-Destructive Testing Level – II: Ultrasonic, Magnetic Particle, Dye-Penetrant and Radiographic (2014)
Primavera 6.0 Enterprise Project Management Training (2010)
OSHA - Construction Safety & Health and General Industry Safety & Health (2010)
On-the-Job Training in Hydro-Electric Power Plant Maintenance (2002)
Power Plant Engineering (2002)
Basic First Aid and BLS: Adult CPR (2002)
