

102029-MEC-145CGMOS-E-1987

Commissioning / Construction Deputy Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 28 years hands-on experience in all fields of thermal power plant and liquefied natural gas, Petroleum, Heavy Industries: construction, maintenance, commissioning and operation. Worked as Construction Site Manager, Mechanical Manager, Commissioning Manager, Maintenance Engineer, Lead Mechanical Engineer, Senior Start-up Engineer and Warranty Manager.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/09/1964
Gender : Male
Residence : Menoufia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Menoufia University, 1987

LANGUAGES

Arabic : Native Language
English : Good
French : Basics
Italian : Basics

COMPUTER SKILLS

: Windows, MS Office (Word), Internet
: Spread sheet software

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2016 till now
Project : BENI SUEF COMBINED CYCLE 4800MW, Al Masreia-HAC-ALHASDASIA-SIEMENS Units 11, 12, 21, 22
Job title : Commissioning / Construction Deputy Manager
Job Description :

- Supporting Site Manager with on-site construction activities monitoring on schedule completion with budget.
- Prepare for pre-com. and commissioning material: first fill oil fitting, temporary pipe, com. spare parts equipment, oil skid, nitrogen gasket.....
- Generate plane for handling over priority system (closed cooling, inst. air, fire fighting, ...).
- Interface with client engineers for compliance with project schedule.

- Manage electro-mechanical and I&C team for commissioning activities, loop check, pipe cleaning.....
- Monitor the construction activities to control project schedule.
- Assist to get HSSE, Quality plan implemented.
- Reports of progress are periodically generated and submitted to Site Manager.
- Manage commissioning team for hand over system to pre-comm. and commissioning phase.
- Manage commissioning team, for flushing, steam blowing, oil flushing, chemical cleaning, tuning systems, tests, operation, maintenance System, preservation, during shutdown.

Dates : From Jul. 2014 till Sep. 2016
Employer : DANIELI-HUSS ALAM
Project : IIC STEEL PLANTS
Job title : Commissioning / Construction Deputy Manager
Job Description :

- Supporting Site Manager with on-site construction activities monitoring on schedule completion with budget.
- Interface with client engineers for compliance with project schedule.
- Manage material from Danielli to lay down area and from down areas to site.
- Manage and work with subcontractors to direct overall planning activities according to priorities.
- Monitor the construction activities to control project schedule.
- Assist to get HSSE, Quality plan implemented.
- Reports of progress are periodically generated and submitted to Site Manager.
- Manage commissioning team for hand over system to pre-comm. and commissioning phase.
- Manage commissioning team, for flushing, steam blowing, oil flushing, chemical cleaning, tuning systems, tests, operation, maintenance, reservation, during shutdown.

Dates : From Nov. 2013 till Jul. 2014
Employer : Drake & SCULL
Project : UHDE - LADAN Complex Al Sokhna Hydrocarbon, Egypt
Job title : Construction Manager
Job Description :

- Support Site Manager to complete construction projects.
- Manage area engineer and provide all direction to construction area managers to complete construction units.
- Technical Advisor for mechanical problems to close punch points.
- Working with Commissioning Manager to release system for commissioning.
- Supporting pre-commissioning and commissioning activities.

Dates : From Oct. 2011 till Nov. 2013
Employer : Techint
Project : El Ain El Sokhana Power Plant 2x650MW
Job title : Construction / Commissioning Manager

Job Description :

- Supporting Site Manager to accept system construction completion.
- Manage Techint commissioning and operation teams.
- Interface with construction group to ensure construction completion and accept system handover for commissioning.
- Coordinate commissioning and operational activities with client staff and vendor.
- Plan and execute pre-commissioning checkout and initial run and testing of equipment.
- Operational troubleshooting of equipment and processes and maintenance of equipments.
- Daily interface with customer engineers to plan and execute chemical, steam blow out, first firing and reliability test for the complex.
- Assist with the plant performance testing.
- Manage preservation during lay up and shut down.

Dates : From Jan. 2009 till Oct. 2011

Employer : VSA (Saipem, Veolia, Aljaber, Babcock)

Project : SHELL, PEARL GTL Project, RAS LAFFAN – QATAR

Job title : Commissioning / Construction Deputy Manager

Job Description :

- Supporting Site Manager to accept system construction completion.
- Support Site Manager to manage construction of Equipments and Piping.
- Plan and execute piping hydro test.
- Manage equipment Preservation.
- Support Commissioning Manager to release systems for pre-commissioning and commissioning and execute commissioning activities.

Dates : From Dec. 2007 till Jan. 2009

Employer : ARESCO-SCIMITAR, OIL AND GAS PRODUCTION, EGYPT

Project : Issaran steam injection – phase 2 (Ras Ghareb)

Job title : Site Manager

Job Description : Construction and handover / fabrication, installation and testing of 140,000 inch diameter, Piping system. Installation of all equipment and accessories (8 Boilers Separator, Test Manifolds).

Dates : From Oct. 2006 till Dec. 2007

Employer : ARESCO-CMI

Project : New Talkha Combined Cycle Project

Job title : Construction Manager

Job Description : Construction and handover Steam Generator for combined cycle – 750MW.

Dates : From Jan. 2006 till Oct. 2006

Employer : El Raghi Steel, Jeddah – KSA (Danilli – Aresco)

Job title : Site Manager

Job Description : Construction and handover Raghy Steel factory – 12000 tons of mechanical and electrical equipments and piping system.

Dates : From Jun. 2005 till Jan. 2006
Employer : ARESCO – AFCO – ALEX FIBER – KAWASAKI
Job title : Construction Manager
Job Description : Responsible for installation of 9000 tons equipments, spinning machines KAWASAKI – Japan – 200 KSB pumps – 45 tanks, heaters, coolers.

Dates : From Nov. 2004 till Jun. 2005
Employer : Egyptian LNG – Bechtel – Aresco
Project : EDKU
Job title : Equipment Mechanical Manager
Job Description : Piping erection, hydro test, pre-commissioning, blowing, flushing.

Dates : From Jan. 2002 till Nov. 2004
Employer : Foster Wheeler Energy
Projects : EDF Egypt THERMAL POWER PLANT Project, Suez Gulf & Port Said Power Plants, 4x340MW
Job title : Commissioning / Warranty Manager
Job Description : Manage Suez site commissioning staff & Advisor to Port Said Manager, handling pp to EDF:

- Warranty Manager for both sites Prepare system commissioning procedures for individual equipment, steam blowing, flushing.
- Chemical cleaning including, and performance and acceptance testing.
- Duties included boiler commissioning: fans, high and low, pressure parts, air heaters, soot blowers, dampers & valves.
- Preparation maintenance plan.
- Lubrication list and purchase order.
- Prepare spare part list & purchase order.
- Steam blowing and chemical cleaning.
- Client training Maintenance Engineers.
- Disassembling and assembling of static and rotating equipments.
- Acceptance of systems from construction phase for release to commissioning. Walk down and generate punch list items.
- Generate field reports for engineering problems. Suggest action or advice resolution.
- Firing boiler using different types of fuels.
- Burner set up and tuning.
- Mechanical maintenance and troubleshooting.
- Boiler and equipment testing and documentation of test results.
- Prepare turn over packages, generate punch list with client input.
- Boiler BMS checkout and troubleshooting.
- Boiler controls tuning.

Dates : From Oct. 2000 till Jan. 2002
Employer : Bechtel International
Project : Sidi Krir 3 & 4 Power Plant (2x340MW)
Job title : Senior Mechanical Engineer

Job Description : System Engineer for 3 boilers (2 main boilers and English auxiliary boiler):

- Duties included commissioning for boiler valves fans, pressure parts, air heaters, soot blowers, dampers and auxiliary boiler.
- Responsible for acceptance of systems from construction phase for release to commissioning. Walk down and generate punch list items.
- Generate start-up field report for engineering problems to suggest action or resolution.
- Prepare for system commissioning, procedure for steam blowing, flushing, chemical cleaning including temporary piping instruments, tank design.
- Firing boiler using different types of fuels.
- Burner tuning and set up.
- Mechanical maintenance and troubleshooting.
- Boiler and equipment testing, documentation and turn over package and punch list items.
- Boiler logic checkout.
- Also performed complete commissioning for the 23 ton/hr auxiliary boiler (by English Boiler).
- Shift Engineer for units 2x340MW.

Dates : From Aug. 1998 till Oct. 2000
Employer : Babcock & Wilcox, Nouva Cimimontubi
Project : Sidi Krir 1 & 2 Power Plant (2x320MW)
Job title : Commissioning & Mechanical Maintenance Senior Engineer
Job Description : Responsible for:

- Boiler pressure parts inspection.
- Rotating equipment such as fans air heaters.
- Dampers commissioning.
- Checkout and commissioning motorized and control valves.
- Soot blower commissioning.
- Boiler operation logic.
- Burner tuning and set up.
- Steam blow and boiler chemical cleaning.
- Firing boiler using gas and mazout.
- Following shutdown activities for various maintenance works.
- Participate in reliability and performance test preparation.
- Spare parts handling.
- Boiler equipment maintenance (fans, air heaters, valves).

Dates : From Apr. 1997 till Aug. 1998
Employer : Babcock & Wilcox, Nouva Cimimontubi
Project : El-Kureimat Thermal Power Plant (2x620MW)
Job title : Commissioning & Mechanical Maintenance Engineer
Job Description : Responsible for:

- Boiler pressure parts inspection.
- Rotating equipment such as fans air heaters.
- Damper commissioning.
- Checkout and commissioning of motorized and control valves.
- Soot blower commissioning.

- Boiler operation logic.
- Burner tuning and set up.
- Steam blow and boiler chemical clean.
- Firing boiler with gas and mazout.
- Following shutdown activities for various maintenance works.
- Attending the reliability and performance test preparation.
- Spare parts handling.
- Boiler equipment maintenance (fans, air heaters, valves).

Dates : From Mar. 1995 till Apr. 1997
Employer : Ansaldo Middle East
Project : Assiut TPP (1x320MW)
Job title : Commissioning & Start-up Engineer
Job Description : Turbine with auxiliaries, seal oil stator cooling water, feed water pumps (TFWP, EFWP) feed water heater, condenser, vacuum pumps, re-boiler and circulating cooling water pumps, Mazout system, fire fighting systems.

Dates : From Jun. 1989 till Mar. 1995
Employer : Egyptian Electricity Authority
Project : Damanhour Power Station (1x320MW)
Job title : Shift Engineer
Job Description : Responsible for the operation of:

- Generator and turbine with auxiliaries, seal oil, stator cooling water, vacuum pumps, condenser auxiliary steam, cooling water pumps. Closed cooling water, fire fighting system.
- Boiler with mazout transfer pumps, low pressure and high pressure mazout pumps, high pressure parts, FD fans, GR fans, air heaters.
- 220KV, 22KV, 6.3KV GIS.

Field of experience :

- Over 28 years of experience in all fields of thermal power plant and liquefied natural gas, Petroleum, Heavy Industries: construction, maintenance, commissioning and operation. Worked as Construction Site Manager, Mechanical Manager, Commissioning Manager, Maintenance Engineer, Lead Mechanical Engineer, Senior Start-up Engineer and Warranty Manager.
- Excellent mechanical ability to efficiently plan, coordinate and execute maintenance of equipment and deal problems during construction and operation.
- Good knowledge of power plant control philosophy and process to troubleshoot process & maintenance of rotary and static equipments & controls related commissioning and operational problems.
- Managed construction, maintenance and commissioning teams.
- Worked with vendor site representatives and home office staff to resolve vendor supplied equipment problems.
- Employed by renowned multinational power industry companies: Foster Wheeler, Babcock & Wilcox, Bechtel, Ansaldo Energia, Aresco Asec, Danielli, Drake & Scull, SHELL, Techint and Hassan Allam.