

102296-MEC-5BCQSXY-E-2004
Team Leader Mechanical QC Engineer

Holds a B. Sc. in Mechanical Production Engineering and has over 13 years hands-on experience, including 1 years working in QC field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 31/12/1977
Gender : Male
Marital Status : Married
Residence : Currently Algeria

EDUCATION

: B. Sc. in Mechanical Production Engineering, Menoufia University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Smart Plant

TRAINING COURSES AND CERTIFICATIONS

: Training at Egyptian National Ceramic Co. (maintenance of machinery):

- Mechanical components.
- Maintenance of machinery.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2017 till now
Employer : Orascom Construction Industries Algeria
Project : Cement Plant 6000 TPD
Job title : Team Leader Mechanical Quality Control Engineer
Job Description : Supervising Erection and Commissioning of various (limestone crusher, Raw Meal Production Area, Clinker Production Area1 - Preheater department 2 - Kiln department, Cement Grinding Area ...etc.) including related Piping, instruments and Mechanical Equipment's (Water Pumps, Pipe line,

bag Filters, Fluxoslide, Bucket elevator, ...etc.).

Dates : From Feb. 2016 till May 2017
Employer : Contermaint Co.
Project : Coal Mill, Qena - Egypt
Job title : Senior Mechanical Quality Control Engineer
Job Description : Supervising Erection and Commissioning.

Dates : From Feb. 2015 till Jan. 2016
Employer : Dngo Contracting Saudi Company
Project : Port Jeddah Additional Silos (JAS), KSA
Job title : Senior Mechanical Quality Control Engineer
Job Description : Supervising Erection and Commissioning of grain silos, Capacity 140.000 ton with transport conveyers from seaport to silos, Jeddah Islamic seaport. & unloading pneumatic machines (Ship Unloaders), Type NIV-600, Capacity 1200 ton/h.

Dates : From Jan. 2013 till Jan. 2015
Employer : INTERTEK (MOODY INTERNATIONAL)
Project : New DRP (Direct Reduction Plant), Egypt
Job title : Client Representative for the Ezz Rolling Mills
(Consultant Mechanical Engineer)
Job Description :

- Check static & Rotating equipments (pressure vessel, tanks, ducts & steel structure) tightening, alignment, vertically & positioning in Departments in Reformer - Reactor Tower - CO2 Absorption Plant - Gas Treatment Area - Water treatment - Flare System - Gas Heater - Material Handling System - Process Gas Compressor - Underground, Piping.
- Check pipeline (P&ID and PAD DWG, ISO DWG & PIPING SUPPORTS).
- Establishing communications with the Piping construction Group to solve installation problems.
- Check pipeline (FLANGE CONNECTION, THREADED JOINTS, VALVES...etc.) complete checklist and punch list.
- Check pipeline (LEAK/SERVICE TEST AND PRESSURE TEST).
- Check aligning and soft foot mechanical equipment's (rotating equipment (Pumps, coupling, impeller, etc.)).
- Check Bag Filters, Dynamic Separator, Chain conveyor, Belt Conveyer.
- Check installation pumps & equipment leveling and alignment.
- Check all mechanical equipment's at the site ...etc.

Dates : From Jun. 2011 till Nov. 2012
Employer : ARESCO / ASCC
Project : Al Minya Cement Plant
(Installation & Commissioning of Arab National Cement Plant, Capacity 5500 t/d)
Job title : Senior Mechanical Quality Control Engineer
Job Description :

- Supervise inspection and commissioning of various static equipment (tanks, ducts & steel structure) & Rotating equipments (limestone

crusher, Raw Meal Production Area, Clinker Production Area 1 - Preheater department 2 - Kiln department, Cement Grinding Area ...etc.) including related Piping, instruments and Mechanical Equipments (Water Pumps, bag Filters, Fluxoslide, Bucket elevator, ...etc.).

- Supervise inspection, cold run test hot run & commissioning phase one (clinker production).
- Vertical mill (Raw mill), Bag Filters, Dynamic Separator, Chain conveyor, Belt Conveyor, crusher, Screw Conveyor and hoists.
- Punch list and As- Built.
- Check the site modifications.

Dates : From Dec. 2010 till May 2011
Employer : ARESCO / ASCC
Project : Installation & Commissioning of South Valley Cement Plant, Capacity 5500 t/d (Beni Suef, Egypt)
Job title : Senior Mechanical Quality Control Engineer
Job Description :

- Supervise inspection and commissioning of various static equipment (tanks, ducts & steel structure) & Rotating equipments (limestone crusher, Raw Meal Production Area, Clinker Production Area 1 - Preheater department 2 - Kiln department, Cement Grinding Area ...etc.) including related Piping, instruments and Mechanical Equipments (Water Pumps, bag Filters, Fluxoslide, Bucket elevator, ...etc.).
- Purgation - Punch list and As-Built.
- Check the site modifications.
- Test pack preparation.

Dates : From Jan. 2008 till Dec. 2010
Employer : ARESCO / ASCC
Project : Installation & Commissioning of Al-Shamal Cement Plant, Capacity 4200 t/d (Atbara, Sudan)
Job title : Senior Mechanical Quality Control Engineer
Job Description :

- Supervise inspection and commissioning of various static equipment (tanks, ducts & steel structure) & Rotating equipments (limestone crusher, Raw Meal Production Area, Clinker Production Area 1 - Preheater department 2 - Kiln department, Cement Grinding Area ...etc.) including related Piping, instruments and Mechanical Equipments (Water Pumps, bag Filters, Fluxoslide, Bucket elevator, ...etc.).
- Inspection of all incoming materials.
- Prepare all necessary documents.
- Supervise inspection assembly and to release welding (cyclones & ducts) etc.
- Supervise inspection all activities work for steel structure.
- Check aligning mechanical equipment's (rotating equipment (coupling, impeller, etc.)).
- Supervise inspection the Modification IS Required due to site problems accordingly incorporate In Isometric and/or P&ID.
- Supervise inspection pumps & equipment leveling and alignment.
- Supervise all Activities work for Compressor and Water Pump Station.
- Supervise inspection Ball Mill (Cement mill), Vertical mill (Raw mill), Bag Filters, Dynamic Separator, Chain conveyor, Belt Conveyor, Packing

- Machines, Screw Conveyor & rotary kiln.
- Clean punch list during erection.
- Cold run test hot run & commissioning all mechanical equipment.

Dates : From Nov. 2006 till Jan. 2008
Employer : ARESCO / ASCC
Project : Installation of SGC (Sinai Gray Cement Company), Capacity 4200 t/d
Job title : Mechanical Quality Control Engineer
Job Description :

- Supervise inspection and commissioning of various static equipment (tanks, ducts & steel structure) & Rotating equipments (limestone crusher, Raw Meal Production Area, Clinker Production Area 1 - Preheater department 2 - Kiln department, Cement Grinding Area ...etc.) including related Piping, instruments and Mechanical Equipments (Water Pumps, bag Filters, Fluxoslide, Bucket elevator, ...etc.).
- Inspection of all incoming materials.
- Prepare all necessary documents.
- Coordinator and check civil work in site.
- Inspection fabrication steel structure in site (1550 ton).
- Check assembly and to release welding (cyclones & ducts) etc.
- Supervise inspection all activities work for steel structure (preheater tower and limestone storage).
- Check aligning mechanical equipment's (rotating equipment (coupling, impeller, etc.)).
- Measurements for all mechanical parts of machines (Run out – backlash).
- Revision mechanical dwg. (GAs.) and civil dwg.
- Visual inspection, dimension check & geometric check.

Dates : From Oct. 2004 till Oct. 2006
Employer : National Steel Fabrication Company (NSF)
Job title : Workshop Fabrication Engineer
Job Description :

- Follow up and leader big team to fabrication steel and plate work.
- Check the quantity and inspect the materials when arrived to workshops.
- Control the Fabrication Process for the different item and choose the suitable machine for it.

Field of experience :

- Technical:
 - Arrangement of employments, all equipment's and tools.
 - Complete supervision and inspection of the modification and Commissioning of Mechanical systems at construction sites.
 - Monitor the productivity of the construction workforce and act to improve the results.
 - Monitor, guide, verify, and document the work being performed through subordinates.
 - Check site work to ensure compliance with the specification and drawings.
 - Ensure that the required safety records are maintained and applicable.
 - Ensure that the required quality records are maintained.
 - Prepare shop drawings and as built drawings.

- Ensure approved materials and documents are followed.
- Working with plan schedule and achieving as possible.
- Working with minimum cost required to achieving progress.
- Aware of all surveying calculations and tools.
- Have a good knowledge for electrical connections and equipment's.
- Aware of rigging tools and cranes lifting plans.
- Practical Field:
 - Aware of Tender & Installation & Commissioning and Handover steps of large projects such as: Industrial Projects & Petrochemical Projects & Cement Projects, including: Structure Steel & Static Equipments & Rotating Equipments & Pipe Lines & Tanks & Plate work & Fire Fighting Protection and Alarm Systems & Dust Collecting and Vacuum Cleaning Systems & Conveyers & Dewatering System and Utilities.
- Special Qualifications:
 - Familiar with most of codes and standards such as AWS, ASME, API, DIN, BS, EN, ASTM.
 - Familiar with most of preparing all documentation special inspections and reporting.
- Competences:
 - Reporting and writing correspondence.
 - Problem solving skills by professional presentations and case studies.
 - Capable of physical heavy manual outdoors work.
 - Raising NCRs (Non Conformity Report) wherever necessary & ensures that these are an action taken towards it.
 - Reviewing inspection and test plan "ITP" Prepared by the sub-contractors.
 - Reviewing contract specification and erection instruction.
- Summary:
 - 2+ years of experience as Mechanical Fabrication Engineer.
 - 11+ years of experience in Quality Control Steel Structure and Testing, Mechanical Equipment Installation and Commissioning & as Consultant.