

MOHAMMED MISHARAH

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OBJECTIVES

Industrial Engineer, with 5 years' experience in Materials Construction & Mechanical Inspection on pipelines for Saudi Aramco projects. Develop, manage, implement construction packages, and inspections during construction. Seeking a challenging engineering position in a reputable organization to expand & provide my experience, knowledge, and skills.

EXPERIENCE

APRIL 2018 – CURRENT

MATERIALS ENGINEER, C.A.T INTERNATIONAL LTD. CO

- Receive project packages from client, and prepare (MTO) materials take-off list based on the drawings, study the scope of work and prepare a timeline estimation of the needed materials to be sent out
- Review the drawings, specifications, calculations, reports, technical requisitions, and other engineering deliverables and ensure that they match with drawings.
- Inspect the materials received in the client warehouse as per the (PO) purchase order, drawings specifications, acceptance criteria, and keeping all the record of all reports documentation related to (QA/QC) and construction work.
- Perform site visit to inspect the mechanical properties of the materials delivered to site and propose alternative route or specifications if counter any issues during the construction.
- Plans and recommends procedures to be implemented by subcontractors to ensure construction operations are within requirements of engineering design and specifications.
- Organizes with engineering on constructability and design issues including quality, safety, progress, and coordination issues and escalates appropriately.
- Validating that ongoing work activities under their control are completed in accordance with the approved shop drawings and specifications.

- Performing reviews and audits of completed records to confirm that they are complete, accurate and authorized by the relevant authorities.
- Request technical query or redlines on drawings or materials to the designers consultants to alter a route or materials.

EDUCATION

DEC 2017

B.S INDUSTRIAL ENGINEERING, ROBERT MORRIS UNIVERSITY

- Designed actual orthopedics using engineering practice and integrated engineering.
- Designed a bridge using statics and strength of materials.
- Recycled plastics bag for alternative projects using 3D printer machine.

SKILLS

- AutoCAD & Autodesk inventor.
- MS office.
- Quality Control.
- Piping Standards (ASME 31.3 16.5).
- 3D printing and designs.
- Layout and Material knowledge.
- Simulation & analysis.
- Manufacturing planning & control.
- Communication, Research, and Development.
- Excellent oral and communication skills in English.

ACTIVITIES & LICENCE

- Volunteered to university library to organize books, and help students find the right sources for their research.
- University student ambassador, sharing prospective of studying, living, and experiencing the activities on campus.