

PERSONAL INFORMATION

AHMED M. M. EL-KATTA

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Gender Male | Date of Birth 25 Aug 1990 | Nationality Palestinian

SUMMARY

Mechanical Production Engineer, ERW/HFI low carbon steel welded tube specialist with Industrial experience in complex products in accordance with different international standards.

Looking for chances to utilize my experience and enrich my career with more in depth focus in process optimization using various tools

RESIDENCY STATUS

United Kingdom (Dependant Visa).

WORK EXPERIENCE

01/07/2019 – Present

Senior Process Technologist

TENARIS Saudi Steel Pipes Ltd., Dammam 2nd Industrial City (Saudi Arabia)

Duties & Responsibilities:

- HSE: Implement company HSE policy and ensure personnel full compliance. Monitor HSE lagging and leading KPI's. Conduct safety inspections and communication routines to improve personnel safety culture between shopfloor employees. Improve the work environment by providing correct and proper tools to improve ergonomics in the area.
- Product Development: Review technical queries for new products and calculate HRC dimensions and related mill KPI's.
- Process Control: Analyse production process parameters and optimize operative window. Carry out Welding Process Documentation (WPS and PQR). Oversee product cost by monitoring production KPI's.
- Procedures and WI's: Establishing procedures and work instructions to standardize best operative practices that needs to be followed in order to operate machines efficiently with minimum rejection rate.
- Consumables Control: Control consumables with highest cost an impact on mill performance, Qualify vendors for better cost, quality and lead time. Develop alternate local resources. Control reordering point of consumables while maintaining optimum level of inventory.
- OPCO Systems: implement Tenaris OPCO systems (Welding Close Loop Control, Annealing Seam Tracking , Edge Misalignment Control etc.) which deployed in Tenaris welded mills for better process control.
- Tooling: Manage mills tooling including rolls , scarfing bars , tool holders and actively improve and propose solutions to chronic issues.
- Process Improvement: Improve online size changeover and reduce it by analysing the detailed process on Office Project and minimize the critical path and continuously propose and implement improvements.

Highlighted Achievements :

- Leading the preparation of new sizes 13 3/8" and 9 5/8" and commission these new sizes and successfully start mass production with no major interruptions..
- Developing multiple procedures and work instructions to standardise and regulate shop floor activities.
- Improving changeover time by implementing SMED basic principles and reduce online changeover in LOD to 8 hours and in MOD to 4.5hours.
- Fully Implement KENNAMETAL Scarfing tool inserts introducing significant improved time before failure for most of the sizes in LOD and MOD.

01/11/2014–01/07/2019
(4 years and 8 months)

Production Engineer

Saudi Steel Pipes Ltd., Dammam 2nd Industrial City (Saudi Arabia)

Duties & Responsibilities:

- Production Overview: Oversee the operation of the company's manufacturing facilities which involves tubing and slitting mills. Monitoring the daily production as per production plan and ensure the optimal utilization of machines. Formulate and manage the development and implementation of goals and objectives.
- HSE: Implement company HSE policy and ensure personnel full compliance. Monitor HSE lagging and leading KPI's. Conduct Safe Hour talks with personnel. Improve the work environment by providing correct and proper tools to improve ergonomics in the area.
- Quality & Delivery: Oversee production quality and delivery of products. Eliminate nonconformity of products from production line including handling NCRs effectively.
- Product Development: Provide technical inputs of all Enquiries/Tenders to Sales department and successfully develop new products as per market requirement to sustain progression and growth.
- Resource Management: Effectively managed personnel's according to authorized personnel policies and procedures that fully confirm to current laws and regulations. Conduct needed personnel training to fulfil the job requirements.
- Procedures and WI's: Establishing procedures and work instructions that reflects the best operative practices that needs to be followed in order to operate machines efficiently with minimum rejection rate.
- Process Control: Analyse production process parameters and optimize operative window. Carry out Welding Process Documentation (WPS and PQR). Oversee product cost by monitoring production KPI's.

Highlighted Achievements :

- Commissioning and starting up the production of the newest 8in API Mill and start mass production.
- Successfully acquired approval of one of the most strategic client in the GCC (ARAMCO) to be an approved API Mill to supply sour high grade LP in accordance with API 5L/ SAMSS 333.
- Supervised the production of multiple complex products.
- Developing multiple procedures and work instructions to standardise and regulate shop floor activities.

EDUCATION

01/02/2009–01/01/2014

B.S. Mechanical Engineering

- King Fahd University of Petroleum and Minerals, Dhahran (Saudi Arabia) 3.595/4 GPA (Second Honour).

UK NARIC Statement (RQF Level6 / SCGF Level10 / CQFW Level 6)

- Contributed as a team member in a research project during junior & senior years, working on developing ceramic materials for oxygen extraction purposes. We have successfully received multiple research grants from different scientific organizations like DSR “Deanship of Scientific Research” and KACST “King Abdul-Aziz City for Science and Technology” to conduct the project.
- Part time grader for multiple courses.

INTERNSHIPS

2013 June- 2013 Aug

Liner Hanger Trainee

Weatherford, Dammam (Saudi Arabia)

I was mainly introduced to different Weatherford products in the petroleum upstream industry, trained in the Liner Hanger department supporting in the assembly and disassembly of various systems including witnessing the inspection and testing processes.

ORGANISATIONS

Certificates

ISO 9001:2015 Internal Auditor Transition (CBE/KSA/1159/17)

Memberships

NACE (Membership number 886991128)

ASME (Former student member)

PERSONAL SKILLS

Languages

Arabic: Mother tongue

English: IELTS (Academic, 2018) band score 7.5

Soft skills

Teamwork, Adaptability, Presentation, Problem Solving, Code of conduct, Organization, Time management. Analysis

Software

Microsoft Office (Excel, Outlook, Word, and PowerPoint etc.), SOLIDWORKS, ERP: SAP, Power BI, MATLAB.