

HUSEIN QAIESI

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PROFESSIONAL SUMMARY

Citgo Refinery – Lemont Illinois. Design Department Supervisor

2015 – present

- Involved in design, calculation and creating a prototype using AutoCAD 3D then sent it to a machine shop for fabrication
- Created new CAD Department Procedure
- Receive work from engineers and assign it to a drafter or a designer in-house
- Tracking the time spent on each assignments
- Maintain Management Of Change (MOC) Program
- Project Estimator, establishing the scope of work and cost to send out for bid
- Evaluate the outcome to determine the best candidate for the job
- Create an Excel sheet with all the contractors information and rating that we use for bid
- Tracking timesheets and work hours and send them to the contracting firms and Citgo
- Estimate Man hours for piping design and drafting construction package
- Used CAD 3D modeling
- Established a good work relationship with our contractor/subcontractors
- Report the status of the project on weekly basis when meeting with management
- Resolve any issues or obstacles on the job site, without involving upper management if possible

Bp Whiting Business Unit – Whiting, Indiana. Lead Auditor /Estimator

2013 – 2015

- Project Information Management (PIM) CAD Compliance Auditor for Whiting Refinery Modernization Project (WRMP)
- Review and audit all drawings that came from the Engineering Procurement Contractor (EPC)
- Sub-contracted a Local Engineering Company (LEC) to make changes bringing CADs in compliance with 2D CAD Standards of the refinery
- Contributed to "in-house" efforts in order to stay on schedule and budget
- Project Estimator, calculate the man hours for 5k plus drawings and send them out for bid
- Acted as the main link between the WRMP PIM team and the LEC
- Accepted or Rejected the work done by the LEC (Local Engineering Company)
- All drawings sent out by transmittals, and by units/pillars
- The WRMP project which, a \$10B project, has been completed successfully.
- Managed twelve drafters in house, to update P&ID, enter thousands of drawing numbers and name in Excel 2010, and separate them in pillars
- Trained the new candidates to get familiar to Bp system, also trained some on AutoCAD that have no previous knowledge to be able to view and make minor changes
- Established Weekly progress reports for our weekly meetings, also summarized the report for our monthly meeting with the client (Bp)
- Released the electronic files to Local Engineering Company (LEC) and monitoring the flow after completion
- Consolidate all revisions and various AutoCAD releases prior sending the files to third party engineering company
- Created and developed a priority list, timetable, and forecasted date of completion
- Established a good work relationship with the employees, by acknowledging the employee of the week. This created a competition and motivation among the employees to be the best, and remain the best

INEOS Oligomers – Whiting, Indiana Field Engineer

2005 – 2013

- X Flex – manage, coordinated and designed piping and equipment for this project. Assisted along with Engineering firms for this project that was funded \$7.5 million for expansion project,
- Helped in estimating the project, by creating the scope of work, the cost analysis and send it for bid
- Reviewed the bid results, determine the best candidate, considering the price and the quality of work and the work history of that contracting company
- Created a timetable for the project to meet the due date, provide a status report for bi-weekly meeting
- Compiled all redline drawings pre-INEOS ownership, updated and created a most recent set of P&ID's, and created controlled copies for training, lockout purposes and HAZOP use
- Creating electrical power plan layouts (food, oil & refinery), sites plans, cable trays routing and cable penetration detailed design
- Creating one line diagrams, wiring diagrams, lights layouts and electrical installation details
- Creating and working on instrumentation loop drawings and details, instrument index and I/O lists
- Process and instrumentation diagrams (P & ID's) - (drafting)
- Working with red-lined mark-ups drawings (instrumentation and electrical)
- Panel fabrication drawings and HVAC plans (drafting)
- Field verified and corrected ISO drawings. That includes walk-downs as needed by the project engineer, gathered the required measurements and readings needed for the engineering packages going out for bid. Working with the Chief Inspector I condensed inspection points and created updated drawings. Applied TML's to ISO drawings
- Developed bill of Materials for all new projects, assist to providing all drawings and documents required during the construction phase of the project
- I was interacting with the Project Engineers, Process Engineers, Field Operators, Maintenance Supervisor, and the Construction Company during time of the project to completion.
- Managed and maintained INEOS Whiting PIB homepage website. Updated quality documents, SOP's, POM's, ISO 9001 and safety documents

British Petroleum- Amoco - Whiting Indiana Sr. Piping Designer

2002 – 2005

- P&ID's: Walkdown, sketch and convert new and existing P&ID's to CAD release 9
- Pre Startup Safety Review (PSSR) auditor
- ISO's: Create new ISO, and converted to CAD, working closely with the inspection department. Worked in the water treatment unit and other areas, saving the company over \$900,000 by completing the project with in-house personnel instead of outsourcing the work

Premcor Refining & Marketing Blue Island, Illinois-Designer/Inspector

1998 – 2002

- Project Engineer assistant, prepare project packages from sketches, Isometric drawings with bill of material to submit it for estimate and bids.
- Member of Research & Development to improve our systems
- DCS: Distributive Control System Designer. Using Auto CAD 3D release 2000, assisted in the design of a complete plant controls system including the installations of Central Control Building (CCB). The project cost \$1.75 million and was built outside the blast parameter to allow the operators to have an overview of the plant incase of fires or explosions.
- Created a project time table to monitor the progress of the project and reported progress in a weekly meeting to upper management
- Communicated daily with the contractor or supervision to provide them with all the drawings necessary prior to beginning the day's work to prevent any delays

EDUCATION

Purdue University Calumet – Hammond Indiana
B.S. Mechanical Engineering

2002

TRAINING AND SKILLS

Leadership & Organizational Behavior
Problem Solving and Crises management
Financial Management
Strategic & Operational Planning
Inventor 3D release 8
Certification in AutoCAD
Certification in X-Ray course for NDT
Certification in Magnetic Particle testing
Certification in Welding Inspection
Certification Liquid testing
MS Office/Word/Excel/PPT
Marketing Planning & Strategy
Cost analysis

AFFILIATIONS / VOLUNTEERISM

2002 – 2008	Purdue University Engineering-Week Volunteer
2002 – Present	Purdue University Alumni member