

Steven Dornak

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Senior Mechanical CAD Designer

Senior Designer with extensive experience in oil drilling industry. Complete detail part and assembly drawings for Sustaining Department and rapid response projects using ProE / CREO and Solidworks, Completed P&ID schematics using AutoCAD. Possess four US Patents.

Experience

Schlumberger

August 2021 – Present

Senior Designer / MiSWACO Managed Pressure Drilling, Houston, TX

- Completed detailed models and drawings using CREO
- Reviewed Engineering Change Request (ECR) and make changes to drawings as required.

Needville Fire Department, Needville, TX

July 2010 – Retired January 2021

Firefighter/ Captain

- Maintained Apparatus and equipment at assigned station.
- Ensure all firefighters are equipped with appropriate PPE.
- Assist with training as required by Command Staff.
- State Certified Emergency Care Attendant (ECA) State License #729168.

Schlumberger

December 2017 – May 2020

Senior Designer / Directional Drilling / SET (Schlumberger Engagement Team) Fire Inspections, Katy, TX.

- Completed detailed models and drawings using CREO and Solidworks.
- Reviewed Engineering Change Request (ECR) and make changes to drawings as required.
- Performed site fire inspections campus wide to ensure compliance with County regulations.
- Responded to any fire on site to provide suppression.

Schlumberger

Senior Designer / Completions / LPT(Loss Prevention Team) Rosharon, TX, June 2014 – December 2017

- Complete detail part and assembly drawings for rapid response projects using ProE/CREO.
- Complete material requirements schedules to ensure adequate supplies are on hand to facilitate commercial manufacturing.
- Review Request for Quotes (RFQ) from the field and make modifications in a timely manner as not to delay the project or job.
- Completed P&ID schematics using AutoCAD.
- Responded to any fire on site to provide suppression.
- Responded to any spill on site to start mitigation and prevent runoff from leaving campus.

Tellus Oilfield, Houston, TX

May 2013 - June 2014

Senior Designer

- Design new Directional Drilling tools.
- Completed detail part and assembly drawings for manufacturing in ProE and Solidworks.
- Worked with manufacturing to ensure all product manuals are complete and that all the necessary manufacturing requirements have been met to successfully transfer the equipment over to Production.
- Completed material requirements schedules to ensure adequate supplies are on hand to facilitate commercial manufacturing.

**ESP Completion Technologies, Stafford, TX
Manufacturing Design Engineer / HSE Specialist**

October 2012 - April 2013

- Maintain raw material inventory to ensure all work orders can be processed.
- Work with suppliers to achieve best price on raw material.
- Received and inspected incoming material per company specification.
- Planed and scheduled I work flow thru machine shop.
- Reviewed engineering drawing before assigning to work orders.
- Assigned work orders for jobs.
- Created Manufacturing Drawings using SolidWorks.
- Developed HSE policies and procedures for machine shop safety, forklift training, PPE requirements, fire evacuation plan and hazardous waste program.
- Created medical response team for traumatic injuries related to machine shop incidents and provided basic first aid training to employees.

Schlumberger, Rosharon, TX

August 2009 – September 2012

Senior Mechanical Designer / Subsea Well Control/ Loss Prevention Team (LPT)

- Complete detail part and assembly drawings for rapid response projects using ProE.
- Worked with suppliers to achieve best price on raw material.
- Reviewed Request for Quotes (RFQ) from the field and make modifications in a timely manner as not to delay the project or job.

Schlumberger

Senior Mechanical Development Technician / Senior Designer, September 2005 - August 2009

- Assemble and test all new pump designs and record test data for evaluation of system performance.
- Designed and manufacture all test fixtures for the Artificial Lift Engineering shop.
- Created detail models and drawings for all new pump designs.

Schlumberger

Mechanical Development Technician III / TCP Completions, March 1994 - August 2005

- Designed and manufacture all test fixtures for the TCP Engineering shop.
- Maintained explosives inventory and log books.

Education

Undergraduate studies, Alvin Community College, Alvin, TX

US Patents

8,910,718 8,196,667 8,020,624 7,469,748

Certifications and Training Acquired / Verifiable Through TEEEX

Industrial Emergencies for Municipal Based Responders - Phase I
Firefighting Phase V, Firefighting Phase IV, Driving Simulator - Response Safety,
Firefighting Phase III, Aircraft Accident Response Awareness, Fire Department Pump Operations
Courage To Be Safe, Art of Reading Smoke, S190/S130 Wildland Introduction and Firefighting Training
ICS-100: Introduction to the Incident Command System
ICS-200: ICS for Single Resources and Initial Action Incidents
ICS-300: Intermediate ICS for Expanding Incidents for Operational First Responders
ICS-400: Advanced ICS for Command and General Staff
ICS-700: National Incident Management System (NIMS) An Introduction
ICS-800: National Response Framework, An Introduction
Fire Service Officer Development I, Emergency Care Attendant (ECA) State License #729168
Swift water Rescue Awareness, HAZMAT Awareness, HAZMAT Operations