

Robert Kelly Kowen

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INTRODUCTION / BACKGROUND

I have 15 years of design and detailed design experience with focus specific to offshore drilling & production rigs. My experience in this field includes, but is not limited to, drill ships, semisubmersibles, jack ups, structural, and drilling systems using various versions of AutoCad. Most of my experience has been structural, however, over the past 5 years I have gained piping experience as well, such as P&IDs, PFDs, 3D modeling, ISOs, and rig walk downs for piping upgrades and routing new systems. I also have experience using Catia V5 and Autodesk Inventor.

In addition to my work experience, I have completed and was certified in CADWorx Plant Professional 2015 by Plant Design Solutions, completed a Solidworks Essentials class at MLC CAD, and have completed PDMS Piping & Equipment training at Aveva.

EXPERIENCE

Noble Drilling Services Inc. August 2015-October 2015

Structural Designer, Contract Employee, Sugar Land, TX

Structural Design for Rig Modifications for Noble's global fleet of Jack ups,

Semi-Submersibles, and Drill Ships

Updating of Noble Corporation's Structural Cad Standards

EnSCO 2011-2015

Structural Designer, Full-Time Employee, Houston, TX

Structural Design for Rig Modifications (Jack ups, Semi-Submersibles, and Drill Ships)

Including Modifying Existing Rig Structure and the Addition of New Structure.

Piping Design for Rig Modifications (Jack ups, Semi-Submersibles, and Drill Ships)

Including Modifying Existing Piping Systems and the Addition of New Piping

Systems, Updating P&IDs for as-built conditions, creating PFDs, 3D models, and

Isometric drawings.

Travelled Offshore for Rig Walk Downs for Structural and Piping Modifications.

Jack up Rig Site and Location Drawings

Updating and Maintaining Fire Control and Life Saving Plans

Classification Submittals and Follow Ups with ABS, DNV, etc.

Updating/Maintaining Operator Rig Information Packets for Client Submittal to BSEE

Entering and Maintaining Documents in the Corporate Document Library (Meridian)

Used AutoCAD 2012 and 2013, 2D & 3D

Maintained Effective and Successful Working Relationships

Worked Closely and Directly with Rig Managers, Asset Managers, and Clients

Responsible for all Rigs in North and South American Business Units, totaling 20 Rigs.

Pride International 2010-2011 (Pride was acquired by EnSCO in 2011)

Design Supervisor III, Full-Time Employee, Houston, TX

Structural Design for Drill Ship Rig Modifications. Including Modifying Existing Rig Structure and the Addition of New Structure.

Piping Design for Drill Ship Modifications Including Modifying Existing Piping Systems and the Addition of New Piping Systems, Updating P&IDs for as-built conditions, creating PFDs, 3D models, and Isometric drawings.

Travelled Offshore for Rig Walk Downs for Structural and Piping Modifications.

Updating and Maintaining Fire Control and Life Saving Plans

Classification Submittals and Follow Ups with ABS, DNV, etc.

Entering and Maintaining Documents in the Corporate Document Library

Used AutoCAD 2012 and 2013, 2D & 3D

Calculated Materials and Weights for Bill of Materials (BOM)

Maintained Effective and Successful Working Relationships

Worked Closely and Directly with Rig Managers, Asset Managers, and Clients

Managed Contract Designers and Draftsmen

Exmar Offshore 2006-2010

Structural Designer, Full-Time Employee, Houston, TX 2008-2010

Used AutoCAD 2007 to Design Offshore Drilling Rigs, Production Rigs, and Drill Ships

Proficient with 2D and 3D Drawings

Worked directly with Engineers for Selection of Material

Calculated Materials and Weights for Bill of Materials (BOM)

Worked Closely with Other Designers to Develop Projects

Assisted Engineer with the Design of Drilling Systems for Various Clients

Maintained Effective and Successful Working Relationships

Design and Detailed Design of Structural Assemblies, Sub-Assemblies and

Piece Parts for Decks, Bulkheads, Heliports, Platforms, Stairs, Walkways, and Handrails.

Structural Designer, Contract Employee, Houston, TX 2006-2008

Used AutoCAD 2007 to Design Offshore Drilling Rigs, Production Rigs, and Drill Ships

Proficient with 2D and 3D Drawings

Worked Closely with Engineers for Selection of Material

Calculated Materials and Weights for Bill of Materials (BOM)

Worked Closely with Other Designers to Develop Projects

Assisted Engineer with the Design of Drilling Systems for Various Clients

Maintained Effective and Successful Working Relationships

Design and Detailed Design of Structural Assemblies, Sub-Assemblies and

Piece Parts for Decks, Bulkheads, Heliports, Platforms, Stairs, Walkways, and Handrails.

LeTourneau, Inc. (now Cameron) 2001-2006

Structural Designer, Full-Time Employee, Vicksburg, Mississippi

Used AutoCAD 2000-2004 for Detailed Engineering Drawings
Calculated Materials and Weights for Bill of Materials (BOM)
Served as Piping Parts Catalog Librarian using Catia V5
Worked Closely with Other Designers to Develop Projects
Maintained Effective and Successful Working Relationships
Proficient in Detailed Design of Structural Assemblies, Sub-Assemblies and
Piece Parts for Decks, Bulkheads, Heliports, Drillfloor Structure, Cantilever
Beams, Platforms, Stairs, Walkways, and Handrails.

Ergon Refineries Maintenance Services Division 1999-2001

Carpenter, Full-Time Employee, Vicksburg, Mississippi

Built Concrete Foundations for Tanks, Pumps, Pipe Supports, Lighting, etc.
Developed Roads
Cabinetry, Sheetrock

LeTourneau Inc. (now Cameron) 1997-1999

Structural Welder, Full-Time Employee, Vicksburg, Mississippi

Performed Flux Core Welding and Stick Welding for the Production of Jack Up Oil Rigs
Responsible for Reading Blue Prints for Parts Placement

EDUCATION

Hinds Community College, Raymond and Vicksburg, Mississippi

Drafting & Design Technology courses included:

Fundamentals of Drafting
Intro to CAD
Intermediate CAD
Advanced CAD
CAD Seminar
Mechanical Drafting
Structural Drafting
Architectural Drafting I
Architectural Drafting II

RELATED SKILLS

Excellent communication and people skills
Proficient in Microsoft Word, Microsoft Excel, and Microsoft PowerPoint
Proficient in AutoCAD 2D
Proficient in AutoCAD 3D
Skilled in Catia V5
Limited experience with AutoDesk Inventor (Intro Class through Total CAD Systems)
Completed CADWorx Plant Professional 2015 at Plant Design Solutions in Houston.
Completed Solidworks Essentials at MLC CAD in Houston.
Completed PDMS Piping & Equipment at Aveva in Houston.