

LEAD PIPING DESIGNER

Summary

Senior Mechanical / Piping Designer with over 40 years of progressive design experience in the Petrochemical industry. This experience has been gained on a variety of projects; Petrochemical, LPG Storage Facility, Polyethylene Plants, Pipeline Pumping and metering stations, Pulp & Paper Mill Facilities, Sulfur Recovery Units, Storage Tanks and Fire Water Systems.

Experience

Lead Piping Designer 05/2013 to 02/2015 Company Name City , State

Lead piping design efforts on the Enterprise Front Range Pipeline Project utilizing CADWorx. Updated bi-weekly progress status reports. Attended meetings with the clients, took meeting notes, tracked and implemented action items. The project ran through 3 states beginning at Kiowa Colorado and ending at Skellytown Texas with 8 sites including 3 pumping stations and 5 metering stations.

Assisted with the developing of line list, tie-in list, Equipment Arrangements, PFD's and P&ID's during FEL2 phase of projects. Developed piping manhour estimates and schedules for FEL3 and detailed design phases of projects.

Principal Piping Designer 08/2008 to 05/2013 Company Name City , State

Developed line list, tie-in list, Equipment Arrangements, PFD's and P&ID's. Developed piping manhour estimates and schedules. Updated bi-weekly progress status reports. Attended meetings with the clients, took meeting notes, tracked and initiated action items.

Lead a team of piping designers using CADWorx 2013 to model the Alky 1 & 2 ARN Scrubber Replacement Project at PRSI in Pasadena Texas.

Also lead the Sterling Chemicals - Water Neutralization System - WHIP LITE Project. This project was modeled using Bentley AutoPLANT.

Principal Piping Designer 09/2007 to 08/2008 Company Name City , State

Lead a team of piping designers to develop a detailed design estimate for the Clean Fuels Project Vapor Recovery System at the Big West Oil Company Refinery in Bakersfield California.

Principal Piping Designer 06/2006 to 09/2007 Company Name City , State

Developed 2D piping plans for the main fractionator tower piping modifications on the ExxonMobil Refinery - BTRF / DCU De-bottleneck Project. Checked vendor drawings for internal interferences.

Took over the lead piping designer position to close out the project. Wrote change order variances. Organized, purged and created record pdf's to deliver to the client.

Senior Piping Designer 04/2006 to 06/2006 Company Name City , State

Designed miscellaneous maintenance projects including Drumming manifold modifications at the Coatings Unit. Performed field survey, routings and shoot elevations. Developed piping estimate to replace the obsolete CAS pumps at the Coatings Unit.

Lead Piping Designer 08/2005 to 04/2006 Company Name City , State

Lead a team of piping designers to relocate a HCU/KHT Unit from California to the Sinclair Refinery in Sinclair Wyoming. Visited the site during construction to assist in the replacement of piping that failed inspection due to rapid unit shutdown damage.

Lead Piping Designer 12/2001 to 08/2005 Company Name City , State

Lead the Premcor Task Force for the Premcor refinery in Port Arthur Texas. Developed manpower scheduling, P&ID's, equipment layout, field verification, and supervised design, drafting and checking.

Also lead a team of designers at the Motiva Enterprises refinery in Port Arthur Texas on the SRU4 Cope Burner Project. This project required installation of new equipment prior to removal of the existing Burner, Furnace, Steam Boiler and Condenser in order to limit the turnaround to two weeks.

Sr. Piping Designer 11/1987 to 12/2001 Company Name City , State

Lead a team of designers on the HTU Revamp Project simultaneously supervising a second team to include tie-ins for a new Lube Train to be built adjacent to the HTU and repurpose existing equipment inside the battery limits of the HTU. Served as liaison between Matrix Engineering, Motiva and Petrocon. Followed construction for 1 year on the LCDU (Lube Train) Project site.

Sr. Piping Designer 11/1978 to 11/1987 Company Name City , State

Developed equipment location plans to replace 5 existing butane spheres and add 5 new butane storage spheres in the south tank farm for the Butane storage facilities at Motiva refinery.

Sr. Piping Designer 03/1977 to 11/1978 Company Name City , State

Designed and prepared piping drawings for various firewater systems at Mobil Oil Refinery in Beaumont Texas.

Sr. Piping Designer 03/1976 to 03/1977 Company Name City , State

Designed and drafted piping, mechanical, structural steel and foundations for various maintenance projects and plant expansion. Also drafted electrical and instrumentation drawings. Performed field surveys and shoot elevations.

Piping Designer 04/1975 to 03/1976 Company Name City , State

Developed P&ID's for fuel gas conversion of gas fired boilers. Designed piping and structural steel layouts.

Piping Designer 03/1974 to 04/1975 Company Name City , State

Designed and drafted piping, mechanical, structural steel and foundations for various maintenance projects and plant expansion. Also drafted electrical and instrumentation drawings. Performed field surveys and shoot elevations.

Education

Piping Designing Diploma : Design Drafting 1971 Chenier Business College City , State

Design Drafting

Skills

Autocad, Bentley AutoPLANT, Cadworx, Autodesk Vault, Navisworks, Microstation, & Flexcad, Microsoft Word, Excel, Outlook, Powerpoint and Access