

STEFAN ALEKSANDROV

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An Overview

Senior Piping and Mechanical Designer with over 18 years of rich experience in



- Versatile CAD professional with over 18 years of experience in the engineering field and possess a solid background using CAD workstations. Commendable success in Piping and Mechanical Engineering with the recent 7 years in dedicatedly leading Piping Design for Project Infrastructure Execution.
- Skilled in managing and delegating work to a qualified team of designers, team building and coordination with the internal departments. Holds the credit of overseeing activities from conceptualization to execution.
- Proficient in preparation of piping and mechanical layout, reviewing, estimations, isometric drawings checking, standard and specification development. Well versed in 3D & 2D Mechanical & Piping design with software like PDS, Microstation and Auto CAD. Expert in preparing general arrangement drawings, generation of MTO's and Piping isometric drawings.
- Ethical individual and adaptable professional with committed attitude towards delivering quality results while meeting business deadlines. Solutions oriented approach with excellent relationship and organizational abilities; efficient team leader, effective communicator with strong analytical and time management skills.

OCCUPATIONAL CONTOUR

Since Oct 2011: SLI – Abu Dhabi EMAL PH2 as Lead Designer Infrastructure

Jan 2010 to Aug 2011: Worley Parsons –Lead Designer – M&M Division

July 2008 to Jan 2010: SNC Lavalin as Piping and Mechanical Checker – M&M Division

Dec 2004 – Jun 2008: Bechtel Corporation – Senior Piping and Mechanical Designer- M&M Division

Feb. 2004 – Dec 2004: HATCH Ltd. – DESIGNER – PDS 3D, DSM 3D – Oil & Gas

July 2002 – Jan 2004: TESSAG - KSH Ltd. –DESIGNER – PDS 3D – Pulp & Paper

Apr 2001 to Jan 2002: SNC-Lavalin INC as Piping Designer – Oil & Gas

Aug 2000 to Apr 2001: ABGS Inc as Designer – Mechanical Department

Apr 1998 to Apr 2000: KSH – Klokner Stadler Hurter Ltd., Montreal as Senior Draftsperson – Mechanical Department

1995 to 1998: SNC LAVALIN INC., Montreal as - Intermediate draftsperson – Industrial Department

1980 – 1992: Aircraft Repair and Maintenance Plant, Plovdiv, Bulgaria, Europe as CNC Programmer

CORE COMPETENCIES

- 🕒 Preparing contract instructions, project design basis, client's standards requirement. Researching applicable codes & standards, local regulations, interpreting the requirements and conveying it to task force members in the form of work instruction or piping design basis.
- 🕒 Developing & preparing optimized piping layouts, plot plan through conceptual study and FEED phases of projects using sound documented reasoning and innovative techniques.
- 🕒 Driving the layout development to minimize installation capital cost while ensuring that constructability, operational, safety & maintenance requirements are appropriately addressed.
- 🕒 Presenting & discussing plant layout issues with clients in a highly professional manner & providing sound constructive advice. Checking plot plan & equipment layout with innovative techniques & work practices to ensure cost effective design.
- 🕒 Designing and monitoring statutory approval drawings & layouts and piping design basis, specifications & standards. Developing Technical Document Register and preparing plans for man-hour and resources.
- 🕒 Fixing the equipment locations and associated safety structures taking into considerations the process, piping of critical lines, operations, maintenance and construction criteria.
- 🕒 Conducting 3D model review with client at various stages of the plant design for P&ID confirmation, safety and integrity checking, operations accessibility, maintenance provision and client's confirmation.
- 🕒 Supervising the team of Designers for executing piping work. Reviewing piping engineering deliverable and non-deliverable documents from technically and quality standpoint.
- 🕒 Checking piping isometrics, piping general arrangement drawings and stress sketches.
- 🕒 Performing, coordinating & reviewing cost for piping Material Take Offs (MTO) activities, valves & specialties and providing necessary details for further procurement activities.
- 🕒 Generating piping material specification, piping class as per the standards and the project requirement and datasheets for special items.
- 🕒 Guiding & supporting 2D & 3D Designers, Material Engineers and Stress & Support Engineer for maintaining the progress and providing technical guidance to Site Supervisor, Construction & Commissioning Teams.
- 🕒 Resolving site problems and preparing instructions of piping, equipment, design change request, site revision Isometrics, site support modifications and detailing.

ACADEMIA

Diploma in Mathematics, Physics, Computer Science

University Of Plovdiv – “Paissiy Hilendarskiy” (Bulgaria), 1978 – 1984

Secondary School Vocational Diploma (AutoCAD 12, Smart CAM - Industrial Drafting and Design)

Rosemount Technology Center (Montreal, Canada), 1994 - 1995

Equipment and Piping

INTEGRAPH (Nun’s Island, Montreal, Canada), 1997

Basic Programming of Microstation

INTEGRAPH (Nun’s Island, Montreal, Canada), 1998

PERSONAL DOSSIER

Date of Birth: 30th June 1958
 Linguistic Proficiency: English, French, Bulgarian and Russian
 Driving License: Valid Canada, UAE, Oman
 Nationality: Canadian

