

PIPING AND STRESS ENGINEER

Bergen, Norway

Inquiry Contact: info@plmnordic.com Phone: 48240598
<https://www.plmnordic.com/engineerign-services/>

9 Years of experience in design engineering, proposal engineering, process improvement, bid evaluation and supporting procurement activity as an engineering consultant.

Experience in working as a Pipe Stress Analyst with a Reputed MNCs in Oil & Gas and Power Industry namely LTHE Offshore Engineering services, Jacobs Engineering India, Aker Solutions, L&T-S&L, Winspiration Engineering Pvt.Ltd.

Summary Total Experience: 9 years	July 2011-till date
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Proficiency	<ul style="list-style-type: none"> • Stress Analysis of FPSO Inter and Intra systems, Riser Lines, reciprocating pump lines. • FPSO-SLWR lines, Blast analysis. • Stress analysis of high temperature (599°C) pipelines connected to Boiler, Turbine, Reactors, Booster Pumps, Air fin coolers, Heat exchangers and Heaters. Stress analysis of lines connected to Column and Centrifugal compressor. • Stress analysis of column piping, water hammer analysis and Vibrating lines. • Technical Bid Evaluation of supporting components (i.e. Constant, Variable spring & Hydraulic Snubbers, struts etc.)(Lisega, Carpenter and Paterson, Bergan Pipe Support, Witch Hanger • Preparation of material requisition of expansion joints.(Cori and Line star Vendor) • Preparation of Stress Design Criteria Document • Preparation of General Technical Requirement of hangers and supports. • Review of piping layout for clashes with equipment, cable tray and duct. • Preparation and review of stress analysis report. • Analysis of PSV's inlet/outlet and Flare Lines. • Analysis of API and ANSI Pump Suction and discharge lines.(Flowserve, Sulzer, KSB) • Exposure in proposal engineering for tentative piping layout, BOQ estimation. • Proficient with international codes & standards like ASME & API, DNVGL-RP-203,NEMA-SM23 NORSOK of piping. • Exposure in piping isometric review. • Interdisciplinary co-ordination. • Technical Bid Evaluation of field fabricated tanks. • Pipe rack planning. • Dyke size calculation, Pipe sizing, and pressure drop calculation for Fuel Oil System. • Assisting area engineer in preparation of equipment layouts, MTO, Nozzle orientations.
Software Skills	<ul style="list-style-type: none"> • Piping Stress – CAESAR – II 5.2, 5.3, 6.1, 7.0, 9.0, PIPSYS 1.3 (Piping Stress Analysis Software-LTSL in House Software), Auto pipe and Nozzle pro, Ansys. • Piping – Naviswork Review, SPR, PDMS Review, Bentley Navigator, Microstation, PLADES- LTSL in house software (Similar to PDS) and LICAD, Unigraphics.

LTHE Offshore Engineering Services	Apr 2019-Till date
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L&T Hydrocarbon Offshore Engineering Services	<p>Job Title</p> <ul style="list-style-type: none"> • Assistant Manager (Piping) <p>Projects Handled</p> <ul style="list-style-type: none"> • FPSO-MV30
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	<ul style="list-style-type: none"> • MARJAN Project (MIP2) • WIS-R PROCESS PLATFORM PROJECT <p>Job Responsibilities</p> <ul style="list-style-type: none"> • Piping stress analysis of critical lines like lies connected to Scraper Launcher, receiver, Slope Pumps, Slop tanks, and Christmas Tree. • Piping stress analysis of critical lines like lies connected to pump, compressor, Riser connected lines. • GRE piping analysis.
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Larsen & Toubro Defence **Aug 2018-Mar 2019**

Larsen & Toubro Defence	<p>Job Title</p> <ul style="list-style-type: none"> • Assistant Manager (Submarine Design Group) <p>Job Responsibilities</p> <ul style="list-style-type: none"> • Piping Design Activity • Ship system Piping activity.
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Winspiration Energy & Engg. Pvt. Ltd **April 2018-July 2018**

Winspiration Energy & Engg.Pvt.Ltd	<p>Job Title</p> <ul style="list-style-type: none"> • Piping Engineer <p>Projects Handled</p> <ul style="list-style-type: none"> • Lekhwair Combine Cycle Power Station <p>Job Responsibilities</p> <ul style="list-style-type: none"> • Piping stress analysis of Heat recovery steam generator Piping(HRSG) • Piping stress analysis of pump and tank lines.
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Jacobs Engineering India **August 2017-April 2018**

Jacobs Engineering India	<p>On deputation through Sistech Consultancy</p> <ul style="list-style-type: none"> • Senior Pipe Stress and Support Engineer, Jacobs Engineering India Pvt. Ltd. Mumbai, India. <p>Projects Handled</p> <ul style="list-style-type: none"> • MeGlobal Bookrameg Project (Aug 2017-Jan 2018). • YDH & NJBP Project (Mar 2018 till date) <p>Job Responsibilities</p> <ul style="list-style-type: none"> • Piping stress analysis of critical lines like lies connected to pump, column, compressor, FIV & vibrating lines. • Piping stress analysis of lines connected to spiral heat exchanger and plate heat exchanger. • Vibrating line analysis. • Received appreciation from project manager for VGC package.
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Aker Solutions **June 2015-June 2017**

Aker Solutions	<p>Job Title</p> <ul style="list-style-type: none"> • Piping Stress & support Engineer, Aker Solutions Mumbai and Pune India. <p>Projects Handled</p> <ul style="list-style-type: none"> • Aishwarya Project Haldia Refinery • BAYER –New Dico Phase II. • Reliance SNG plant J3.
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	<p>Job Responsibilities</p> <ul style="list-style-type: none"> • Piping stress analysis of critical lines like lines connected to pump, cooling tower, steam drum, flare lines & tank piping. • Giving piping load to Civil department for pipe rack and other structural design. • Bid evaluations of hanger and support package. • Preparation and review Preparation of IBR Calculation / drawings for approval. • Pipe rack planning. • Preparation of material requisition of expansion joints
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Larsen &Toubro -Sargent & Lundy Ltd	July 2011 to April 2015
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L&T-Sargent & Lundy Ltd	<p>Job Title</p> <ul style="list-style-type: none"> • Executive Engineer, Head of office of Larsen and Toubro Limited, Baroda, Gujrat <p>Projects Handled</p> <ul style="list-style-type: none"> • 2 x 660 MW Chhabra Super Critical Power Plant, Rajasthan (March 2013 – April 2015). • 375 MW Dhuvaran CCPP-Anand District, Gujarat (Nov 2011-Feb 2013). <p>Job Responsibilities</p> <ul style="list-style-type: none"> • Preparation of piping stress analysis design criteria document. • Stress analysis of hot reheat system & auxiliary steam system. • Piping stress analysis of critical lines like Main steam systems, Feed water suction and Discharge piping, HP & CRH piping etc. • Giving piping load to civil department for pipe rack and other structural design. • Internal reviews with other disciplines to review clashes. • Preparation of Piping support arrangement drawings. • Reviewing piping isometric drawing. • Preparation and review of IBR Calculation. • Preparation of stress analysis report for submission to the client. • Frequent site visit for technical discussion. <p>Proposal Engineering for Power Projects</p> <ul style="list-style-type: none"> • Pre-bid engineering for 450 MW CCPP for Alghanimin Lebanon. • Pre-bid Engineering for Israel IPM Beer Tuvia Power Plant. • 350 - 400 MW Ghorasal CPP in Bangladesh. <p>Job Responsibilities</p> <ul style="list-style-type: none"> • Tank sizing, specification and offer review. (Field fabricated tanks) • Dyke size calculation, Pipe sizing, pressure drop calculation for Fuel Oil System. • Pipe size & BOQ – CW, ACW, CCW system.
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Education			
Bachelor of Technology (Mechanical)	Govt. College of Engineering, Amt, Maharashtra, India (2007-2011)	2011	7.86/10
Chartered Engineer	Institution of Engineers of India (IEI), Kolkata, India	2018	-
Class XII	C.B.S.E. (Jawahar Navodaya Vidyalaya, Shegaon, Maharashtra) , India	2006	69%
CLASS X	C.B.S.E. (Jawahar Navodaya Vidyalaya, Shegaon, Maharashtra) , India	2004	83.4%
Post Graduate Programme in Thermal Power Technology	National Power Institute, Nagpur, India	2011	A

REFERENCES will be provided after request.

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