

SMRUTI MANJARI JENA

(Instrumentation Engineer)

Total Experience: 6.5 Years

RB III/C/6. NEW CENTRAL RLY COLONY,
KALWA CENTRAL RLY QUARTERS
KALWA (W)-THANE 400605.

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CAREER OBJECTIVE

- Possess effective communication, interpersonal skills, along with strong analytical and organizational abilities.
- Seeking for assignments in Design and Detailed engineering in Instrumentation & Control systems in EPC Group Industries in the Oil & Gas, Petrochemical domain.

SYNOPSIS

- Competent, attentive and result oriented professional having 6.5 years of significant experience in the field of Engineering in Product Developments ,Proposal & Estimations.
- Core competencies in Instrumentation Design & Detailed Engg.

WORK EXPERIENCE

Organization: L&T CHIYODA

Job Designation: Sr. Instrumentation Engineer (Instrumentation & Controls)

Date: March'2019 – Till Date

Job Profile

- Proficiency to read technical documents including P&ID, instrumentation diagrams, specifications, comments and incorporate the changes from start to completion of the project.
- Instrument selection based on P&ID and process data.
- Technical clarification with Package Vendors regarding the Scope finalization, Control scheme, Field Instrumentation.
- Preparation of material requisition & TBE for various field instruments like Pressure, Flow, Level & Temperature Instruments, Analyzers, electronic transmitters, desuperheater station, etc.
- Reviewing offers and preparing Technical Bid Analysis for instrument items.

- Resolving Technical Issues related to field Instruments procurement after discussion/ meetings with Client & PMC.
- Coordinate with other engineering discipline in the integration of data inputs and issue the engineering drawings, technical documents for inter discipline checks (IDC).
- Attending Kick Off Meetings for Instrumentation Design related agenda points with Final Package Vendors.

Projects Handled:

HURL – Government of India has formed a joint venture company of M/s NTPC Ltd., M/s Coal India Limited (CIL), M/s Indian Oil Corporation & FCIL/HFCL by name M/s Hindustan Urvarak & Rasayan Ltd. (“HURL”)

Organization: CHEMTROLS INDUSTRIES LTD

Job Designation: Instrumentation Design Engineer

Date: June '2015 – Nov'2018

Job Profile

- Instrument selection based on P&ID and process data.
- Well versed experience in preparation of but not limited to :
 - o Instrument datasheet/specification
 - o Schematic wiring diagram
 - o Enclosure and panel layout
 - o Instrument air supply routing
 - o Cable schedule
 - o Junction box wiring diagram
 - o Instrument index
 - o Field wiring diagram
- Prepare bill of materials (BOM) for instruments, panels, erection bulks such as cables, tubes, fittings, cable glands, cable tray, junction box etc
- Request for quote (RFQ) for various field instruments such as temperature element, transmitters, pressure regulators, safety valves, gauges, flow elements, control valves, enclosure, panel, analyzer, etc.
- Review post order documents, test certificate, vendor drawings to provide comments and approve the same.
- Inspect material at vendor fabrication site and check the same is in compliance with the specification for procurement.
- Prepare and document checklists and O&M manuals.
- Familiar with international codes & standards pertaining to instrumentation such as ANSI/ISA, IEC, ASME, ASTM etc.

Projects Handled:

- RIL – Reliance Industries Limited (Plant: ROGC J3) Jamnagar
- RIL – Reliance Industries Limited (Plant: Ethane Cracker Modification) Hazira
- CFCL-Chambal Fertilisers and Chemical Limited (Plant: Urea & Ammonia Unit) Kota

Organization: JASUBHAI ENGINEERING PVT LTD

Job Designation: Proposal & Estimation Engineer

Date: June'13-June'15

Job Profile

- Reviewing the control valve enquiry in detail and making decision of quotation & Regretting Enquiry.
- Understand the customer requirement & accordingly suggest the solution through appropriate product ranges available.
- Sizing & Calculation of the valves according to process parameter to match the customer requirement.
- Communicating with customers and designing as per their requirement.
- Preparing techno-commercial offer (quotation) for the received enquiry and sort out discrepancies.

DEGREE	YEAR	NAME OF INSTITUTE	UNIVERSITY/ BOARD	%/CLASS
B.E- Instrumentation Engineer	2013	Smt. Indira University Gandhi C. O.E, Koparkhairane, New Mumbai	Mumbai University	76% (Distinction)
H.S.C	2009	S. K. SOMAIYA College, Vidyavihar.	Maharashtra Board	75% (Distinction)
S.S.C	2007	ST.John The Baptist High School, Thane.	Maharashtra Board	79.23% (Distinction)

ACHIEVEMENTS/ ACTIVITIES

- Topper of the college (University Rank Holder 2013).
- **General Secretary** - Smt. Indira Gandhi College of Engineering in the year-(2012-13)
- **Cultural Secretary**- Smt. Indira Gandhi College of Engineering in the year -(2011-12)
- Organisation Member of **CHEMTECH World Expo 2015**

PERSONAL INFORMATION

Name : Smruti Manjari Jena
Date of Birth : 17/11/1991
Languages Known : English, Hindi, Marathi, Oriya

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Mumbai

(SMRUTI MANJARI JENA)