

SHRIKANT M. RANADE, P. Eng
116 PATERSON ROAD
FANWOOD, NJ 07023 - USA
USA Mob: +1.908.612.9276; E-mail: SRanade@aol.com

SUMMARY/OBJECTIVE(S): Mechanical Engineer with combined experience in Supporting Installation, Pre-commissioning of Pneumatic Bulk Materials Handling System components in Thermal Power Plants and Chemical Pump Assembly & Performance Testing. Involved in Systems Design, Project Co-ordination/ Applications Engineering of mechanical equipment for Industrial Air Pollution Control & Power Plant facilities. Background in Estimating, Sales Engineering & Product Management from design specifications to vendor evaluation, marketing of engineered products/ systems and customer service including failure analyses, warranty claim evaluation & repairs. *Seeking management position in Field Engineering, Sales, Installation/ Commissioning of Air Supply & Process Pumping Equipment, Balance Of Plant (BOP), Flue Gas Desulphurization (FGD) Systems, Valves, and/ or Water Treatment Systems. Available to relocate.*

POSITIONS HELD:

- 3 years Product Manager - Pre-commissioning, testing & developing Ash/Urea Bulk Handling Systems
- 5 years Combined Field Engineering – BOP/Coal & Oil Fired Power Stations & Water Distribution
- 7 years Project Engineering - Architect Engineers in Energy & Mining/Metallurgy
- 8 years Applications Engineer – Sales/ Assembly/ Performance Testing/ Installation of Chemical Pumps
- 11 years Applications Engineer - Pneumatic/ Hydraulic Systems - Global Power Plant Projects

EXPERIENCE:

SITE LEAD/SENIOR MECHANICAL ENGINEER (04/2007 – 04/2009)

Shaw /Stone & Webster Asia, Inc. Hong Kong – China Light & Power's (CLP) Castle Peak Power Stn., FGD Project Responsibilities:-

- Prime interface with CLP on all Mechanical Engineering matters including BOP
- Liaison with other engineering disciplines including their respective Site Discipline Lead Engineers
- Review the existing plant to confirm feasibility for the required retrofit designs.
- Supervise the Site Office Mechanical Engineers
- Co-ordinate and participate in the review of contractor/vendor technical documents.
- Review deliverables prepared by Home Office.
- Preparation of technical specifications for equipment.
- Preparation of site and equipment general arrangement drawings as required.
- Evaluate the existing site conditions to identify impacts to existing plant of the new air quality systems.
- Participate in the planning, preparation and implementation of design and HAZOP reviews.

SENIOR MECHANICAL ENGINEER (01/2007 – 04/2007)

Hitachi Power Systems America, Ltd.

Responsibilities:-

Responsible for mechanical engineering work for AQCS & Bottom Ash Handling Equipment. Generate design specifications & provide project engineering support including evaluation of vendor proposals.

SECTION ENGINEER/ MECHANICAL DEP'T HEAD (2005 – 2006)

Saudi-Archirodon Ltd. Jeddah, KSA

Assigned to Flue Gas Desulphurization (FGD) project of Power Station in Jeddah. Responsible for project engineering review of Axial Booster Fans, Air Pre-Heater & installation coordination of equipment associated with FGD, Electrostatic Precipitators, Pneumatic Oil Soot (Ash) Removal System & Process Pumping Equipment, etc.

American Intercontinental Constructors, LLC. Div of Archirodon Construction (Overseas) Co. S.A.

Assigned to Bulk Water Supply Project of PWA & USAID. Responsible for project coordination and installation support of submersible well pumps, booster pumps, valves, surge control system, water transport piping, Chlorination and HVAC equipment.

International Assignment(s): Jeddah, KSA; West Bank

PROJECT MANAGER (2004 –2005)

Ducon Technologies, Inc. Farmingdale, NY. Suppliers of Industrial Air Pollution Control Equipment.

Responsibilities: - Flue Gas Desulfurization Projects Management, Generate Purchase Specifications, Vendor Evaluation, Pre-Contract/ Sales Engineering, Field Start-Up/ System Commissioning.

International Assignment(s): Saudi Arabia, India and China

EXPERIENCE (continued)

SALES DEVELOPMENT ENGINEER (2003 – 2004)

Paratherm Corp. Conshohocken, PA.

Manufacturers & Suppliers of Heat Transfer Fluids to Chem. Process, Food & Pharmaceutical Industries.

Responsibilities: - Develop OEM contacts, provide technical support and submit proposals for heat transfer fluid (high temperature & cryogenic) applications.

PRODUCT MANAGER, BULK MAT'L - PNEUMATIC SYSTEMS & PROCESS ENG'G (1999 – 2002)

Hamon Research-Cottrell, Inc., Somerville, NJ

Responsibilities: -

- Assigned to Urea System pre-commissioning & start-up service on newly installed equipment.
- Developing Dilute/Dense Phase Pneumatic System Design, Cost Estimates, and, coordinating the activities of Field Sales Representatives for fly ash and urea handling equipment.
- Total project execution for storage and bulk handling of Urea Systems required by NO_x control systems.

International Assignment(s): Austria, China, Germany, Israel, Italy and UK

SENIOR APPLICATIONS ENGINEER (1992 - 1999)

Fuller Bulk Handling Corp., (FL Smidth) Bethlehem, PA

Designers and Manufacturers of Dilute/ Dense Phase Pneumatic conveying and air pollution control equipment. Specialty Equipment Suppliers for bulk conveying of Fly Ash/ Bed Ash, Cement, Minerals and Plastics.

Business Accomplishments:

- ◆Worked closely with local representatives in China, Korea, Indonesia, Mexico and Japan for technical presentations, generating system specifications, technical support etc. for upcoming projects for private and governmental entities.
- ◆Responsible for on-site technical defense of proposals for first major ash handling orders from China and Korea. Total Contract Values exceeded \$ 5 million.
- ◆Actively participated in optimizing technical solutions and price negotiations for new ash projects in China and Korea along with local representatives and sub-vendors.
- ◆Handled technical and commercial presentations of limestone systems.

Responsibilities: -

- Design, cost estimation and generation of technical and commercial proposals for dilute/dense phase ash handling systems, limestone handling and fuel injection systems.
- Providing presentations and technical assistance to Architect Engineers and End Users, and technical support to Field Sales Engineers and Representatives.
- Promoting new technology dense phase products to gain customer acceptance and industry recognition.

International Assignment(s): China, France, India, Indonesia, Japan, Korea, and Mexico

Accomplishments: *Responsible for major orders from China, Korea and within the USA.*

APPLICATIONS ENGINEER (1984 - 1992)

Liquiflo Equipment Co., Warren, NJ

Manufacturers of High Pressure, Sealed and Seal-less/ Zero Leakage Dosing/ Metering/ Transfer Pumps and Valves for Chemical Process Industries, Waste Water Treatment and Pulp/ Paper Industries.

Business Accomplishments:

- ◆Participated in performance testing of chemical pumps and recommended upgrades while generating new business for local representatives. Performed booth duty at Chemical Expo's for handling technical inquiries along with participation from local representatives.
- ◆Increased new pump sales @ 15-20% annually. Improved equipment selection & delivery time by 33%.

Responsibilities: -

- Provided applications engineering support including pump sizing to Distributors and Customers, design and marketing of centrifugal pumps, positive displacement gear pumps and relief valves.
- Involved in pump assembly, pump-motor installation, certifying performance testing according to Hydraulic Institute Standards.
- Provided technical and after sales field support. Responsible for customer service including management/ processing of warranty claims and handling of remanufactured equipment.

Accomplishments: *Responsible for designing and compiling manufacturer's guide for corrosion resistance and chemical pump selection.*

EXPERIENCE (continued)

APPLICATIONS ENGINEER (International) (1979 - 1983)

Allen-Sherman-Hoff Co., Malvern, PA / Designers and Suppliers of Ash Handling Systems.

Responsibilities:-

- Pneumatic (Dilute/Dense Phase) Fly Ash & Hydraulic Bottom Ash Systems Design, cost estimation and generation of strategic proposals for system equipment supply in Coal and Oil fired Power Stations.
- Providing sales presentations and technical support to Field Sales Associates and Representatives.

International Assignment(s): Australia and Canada

PROJECT MECHANICAL ENGINEER (1976 - 1979)

Montreal Engineering Co. Ltd. - St. Catharines, Ontario, Canada

Consulting Engineers – Mining & Power Plant Industry

RESEARCH ASSISTANT (1975 - 1976)

Ohio State University, Columbus, Ohio

Engaged in solar energy research. Primarily involved in monitoring installed equipment for model solar home and processing acquired data for reports and related information.

JUNIOR MECHANICAL ENGINEER (1973 - 1974)

Surveyor, Nenninger & Chenevert Inc. - Montreal, Quebec, Canada

Consulting Engineers/ Mining and Metallurgy.

JUNIOR MECHANICAL DRAFTSMAN (1972 - 1973)

Joseph Miller & Company - Montreal, Quebec, Canada

Consulting Engineers/ Bulk Handling Equipment

EDUCATION:

**M.E. Mechanical Engineering; Ohio State University, Columbus, OH - 1976.
Diploma in Mechanical Eng'g; Government Polytechnic, Pune, India - 1971.
Certified Computer Courses @ COMP-U-LEARN, Edison, NJ - 1998**

AFFILIATIONS:

P, Eng. - Professional Engineers Ontario, Canada

CITIZENSHIP:

USA & CANADA

REFERENCES:

Furnished upon request.