



The Augustus Group
John Cramer – Principal Consultant

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SUMMARY

Highly experienced as an innovative manufacturing and process safety compliance expert with intense drive to improve process safety performance in the chemical manufacturing industry. With extensive experience in both batch and continuous processes; the last ten of which have been focused in higher-risk reactive chemistries. Demonstrated ability to implement Responsible Care® and Process Safety Management (PSM) regulatory compliance requirements. Proven facilitation and communications skills. Highly committed team leader who creates and delivers cost effective programs.

EDUCATION/CERTIFICATIONS

B.S. Chemical Engineering, Oregon State University

PROFESSIONAL EXPERIENCE

Reichold, Inc., Research Triangle Park, NC, **North American Responsible Care Coordinator**

- Developed and implemented tools and programs to implement the American Chemistry Council's Responsible Care® and Process Safety Management Practices in the US, Canada, and Mexico for manufacturing and corporate business units.
- National recognitions for developing Responsible Care as the most aggressive and far-reaching EHS performance improvement initiative of the chemical industry.
- Developed extensive EHS programs for Responsible Care implementation and supported plant and corporate activities on an ongoing basis to achieve stretch goals for implementation.
- Contributed to reduction in liability and environmental insurance costs of \$5MM/yr.
- Developed effective community outreach programs for various plants by identifying and working with select sites to launch and nurture community advisory panels.
- Led industry association group focused on PSM issues in the unsaturated polyester industry that came together to share experiences/programs, and to improve process safety performance.
- Saved \$50K in DCPD calorimetry studies by innovative approach to cost sharing with other companies.
- Participated in developing and implementing the Responsible Care Management System Verification process.
- Conducted 6 ACC member company verifications to advance the ethic of Responsible Care to a high level of acceptance and accomplishment.
- Developed and implemented core PSM Compliance programs in North America for batch resin manufacturing plants covered by the standard.

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- Conducted internal compliance audits, assisted with closure of PHA recommendations and developed assessment tools for reactive chemistry safety systems.
- Instrumental in developing a corporate-wide tracking system and management status reporting software system unique to the industry.
- Developed comprehensive mechanical integrity program for preventive maintenance and relief sizing tools for reactors and storage tanks in PSM covered processes.
- Facilitated development of a comprehensive Transportation Risk Management Manual for safe shipment of hazardous materials.
- Developed DOT training kit for internal use by plants.

Research Triangle Park, NC, **Director of Manufacturing Planning**

- Developed a new, comprehensive manufacturing strategy to identify costs and benefits of consolidating existing multiple plants to fewer, world scale, facilities to be strategically located in the US.
- Developed plan details to rationalize production capacity from 16 small, inefficient plants to 4 grass-roots world-scale plants. Projected ROI was 17%.
- Developed new design and engineering construction strategies that were projected to reduce total construction costs by 10% and save an estimated \$23MM.
- Completed comprehensive assessment of process computer control systems and developed options for new facilities to ensure maximum productivity.
- Developed financial models for Sr. Management that summarized construction costs for the new facilities, freight differentials for inbound and outbound products, total manufacturing costs, and the write-off and remediation of old facilities.

Azusa, CA., **Plant Manager**

- 110MM lb./yr. unsaturated polyester and alkyd coatings resins for the Southern California market. Managed all functional aspects of polyester/alkyd resin plant to improve productivity, morale and efficiency. Improved productivity by 25% by debottlenecking production facilities to increase throughput and aggressive cost reduction.
- Implemented first formalized emergency response training program for the company.
- Managed \$4.5MM capital improvement projects for new reactor systems, thermal oxidizer for air emissions control, new utility systems and a new hot oil heating/cooling system.
- Reduced outbound freight costs by 30% by implementing a master billing approach to drum shipments.
- Received Corporate "Most Improved Safety Record" for small size facilities in 1987.

Shell Chemical, St. Helens, OR, **Process Engineer and Plant Manager**

- Managed NH₃/Urea/Ammonium Nitrate production facility
- Key accomplishments included achieving record on-stream factors, major expansions of production capacity that were brought in on time and on budget, and innovative pollution control systems for the urea prilling tower.