



Loeffler Engineering Group

Specializing in Conveyors and Materials Handling Systems

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Curriculum Vitae

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Summary

Over forty eight years of diversified engineering and management experience in the design and construction of conveyors, related machinery and materials handling systems. Industry experience includes: Aggregates, Aluminum, Steel, Mining, Sulfur, Cement, Coal, Co-Generation, Fertilizer, Grain, Minerals Processing, Petroleum Coke, Port Facilities, Power, Pulp & Paper, Recycling, Waste Handling, Concrete Block & Brick, Bagging & Palletizing, etc.

The related equipment includes: Shiploaders & Ship Unloaders, Barge Loaders & Barge Unloaders, Stacking & Reclaim Machines, Mobile Crushing and Screening Plants, Rotary Rail Car Dumpers, Rail Car Loading Systems, Belt Conveyors, Steep Angle Conveyors, Pipe Conveyors, Bucket Elevators, Screw Conveyors, Drag Conveyors, Dust Collectors, Fire Protection, Sampling Systems, etc.

Twenty years of this experience has also included Forensic Engineering for cases involving: Antitrust, Conveyor related Fires & Explosions, Conveyor Guarding, Materials Handling Systems Safety Inspections, Patent Infringement, Personal Injury, Product Liability, Real Estate Asset Appraisal, and Restraint of Trade.

Education

1966 Certificate Machine Design (4 years evening division), Newark College of Engineering (Now NJIT)

1973 B.S. Mechanical Engineering (8 years evening division), Newark College of Engineering (Now NJIT)

Engineering Management – Courses, Newark College of Engineering

MBA – Courses, Fairleigh Dickenson University

Various Continuing Education Courses and Programs

Pi Tau Sigma – National Mechanical Engineering Honor Society

Professional Engineering Licenses

Alabama (20316), Louisiana (19737), New Jersey (20471), North Carolina (031812), Pennsylvania (20492), Texas (41249). Licensed since 1973.

Professional Affiliations

CEMA - Conveyor Equipment Manufacturers Association, First Technical Member, 2nd Vice Chair Conveyor Safety Committee, Chairman Bulk Handling Safety Committee, Committee member Revised "Belt Conveyors for Bulk Materials, Sixth & Seventh Editions"

ASME – American Society of Mechanical Engineers, Materials Handling Engineering Division Executive Committee 1977-1984 & Chairman 1983 -1984, Current Member and Chairman of Committee B20.1 Safety Standards for Conveyors and Related Equipment, Current Member of Committee B15.1 Safety Standard for Mechanical Power Transmission Apparatus, Founding and Current Member of the Houston Materials Handling Chapter (Member ASME since 1974). Life Member of ASME.

ANSI – American National Standards Institute, Current Member of Committee B11.19 American National Standard for Machine Tools

ASSE – Member American Society of Safety Engineers

SME – Member, Society for Mining, Metallurgy and Exploration, Inc. (Since 1987)

ASTM- American Society for Testing & Materials, Past Member, Committee D-5, Coal Sampling

TAPPI- Technical Association of the Pulp & Paper Industry, Past Member

Professional Experience

1991-Date	President & Consultant, Loeffler Engineering Group
1996-1997	Also, Vice President Engineering, Texmarc Conveyor Company
1989-1991	Regional Manager, Robins Engineers & Constructors / O&K
1988-1989	Marketing Manager, ORBA Corporation
1986-1988	Regional Sales Manager, Jervis B. Webb Company
1984-1986	Manager Sales & Estimating, Plains Machinery Company
1983-1984	Manager Engineered Systems Estimating, Continental Conveyor Co.
1973-1983	Regional Manager, Robins Engineers & Constructors
1973-1973	Staff Engineer Materials Handling, Willis & Paul Company
1972-1973	Project Engineer, Continental Grain Company
1966-1972	Design & Systems Engineer, Hewitt Robins
1964-1965	U.S. Army, Honorable Discharge
1962-1966	Draftsman Westinghouse Electric & Chief Draftsman, Bergen Machine & Tool

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Publications Authored or Coauthored and Invited Presentations

Bulk Sampling at Navajo Mine, Coal Age Magazine **1972**

Automatic Sampling Systems, Catalog & Design Manual **1972**

High Tonnage Blending of Raw Materials, SME #MS75-657 **1975**

Belt Conveyor Drives for the Cement Industry, IEEE **1977**

Shiftable and Overland Conveyors, ASME

Bed Blending of Fossil Fuels, Coal Technology Conference

Unit & Bulk Materials Handling, ASME Editor and Conference Chairman

Shiftable & Overland Conveyors, Skillings Mining Review **December 1980**

Quality Improvements via Coal Blending, Coal Mining & Processing Magazine

Pipe Conveyor Systems, Houston Materials Handling Society ASME

The Advent & Advantages of Pipe Conveyor Systems, MOTEG – South

Stockpile Blending of Fossil Fuels, Houston Materials Handling Society ASME

Pipe/Tube Conveyors – A Modern Method of Coal & Ash Transportation, Power Gen 95 **1995**

Pipe/Tube Conveyors – A Modern Method of Transporting Bulk Materials, Bulk Solids Handling **December 2000**

Steep Angle Conveying, Houston Materials Handling Society ASME **May 2001**

Conveyor Safety, Houston Materials Handling Society ASME **February 2007**

Conveyor Safety, Loesche 10th Annual Discussion of the Round Table Symposium **November 2007**

Petroleum Coke - Handling & Storage, Foster Wheeler Training Program for Cosmo Oil Co., Ltd. **March 2008**

Petroleum Coke – Eliminating the Coke Pit/Pad, Houston Materials Handling Society ASME **June 2012**

Risk Assessment for Conveyors, Houston Bulk Materials Handling Society **May 2014**

