
SANDRA J. WYMAN, P.E.

EDUCATION

Bentley University – M.B.A., International Business concentration, 1992
Worcester Polytechnic Institute – B.S., Chemical Engineering, 1978

PROFESSIONAL REGISTRATIONS

Professional Engineer - Maine, Massachusetts

EMPLOYMENT HISTORY

2019 to Present – Sevee & Maher Engineers, Inc.; Senior Chemical Engineer
2012 to Present – Southern Maine Community College, South Portland, ME; Adjunct Faculty
1992 to 2019 – Sandra Wyman & Associates/Pollution Prevention (P2) Consulting, Scarborough, ME; President
1989 to 1990 – Foxboro Co., Foxboro, MA; Application Engineer
1986 to 1988 – Hitech Controls, Newton, MA; Instrumentation Sales Engineer/Territory Manager
1984 to 1986 – Kajaani Automation, Portland, ME; Northeast Area Manager
1981 to 1984 – Air Products and Chemical, Inc., Allentown, PA; Development Engineer – Pulp and Paper Group
1978 to 1981 – Monsanto Corporation, Springfield, MA; Process Engineer

CERTIFICATIONS AND AFFILIATIONS

Biobased Maine; member – advancing sustainable biobased manufacturing
Worcester Polytechnic Institute (WPI) Advisory Board Member for Chemical Engineering Department, 2003- 2009; Board Chair 2005 –2009
Toxics Use Reduction Planners Association (TURPA); Board of Directors 1996-99

PROFESSIONAL EXPERIENCE

Ms. Wyman has over 30 years of experience in pollution prevention (P2) consulting for a variety of industries, such as food processing, metal finishing, metal plating, municipal trash incineration, coating, heat treating, wire forming, specialty paper manufacture, semiconductor processing, pharmaceuticals, urethanes, rubber, iron working, structural steel, and chemicals. Her work encompasses planning, permitting, and report preparation, including SARA/TURA chemical reporting, annual air emission summaries, hazardous waste RCRA filings, emergency responder Tier II filings, and other environmental reports.

Ms. Wyman is experienced in designing and programming custom environmental databases to track reportable chemicals used/emitted by client facilities and to monitor regulatory compliance in all media (air, waste water, hazardous waste). She also conducts environmental compliance audits and represents clients at regulatory hearings.

She has specialized expertise to support clients in the areas of energy conservation, solid waste reduction, toxics use reduction, and pollution prevention methods.

PUBLICATIONS/PRESENTATIONS

Publications

P2 News email newsletter to clients, featuring pollution prevention (P2) ideas, regulatory updates, and tools to assist clients; publisher, 2009 to present

“Measuring Toxics Use Reduction in the Metal Intensive Industries”
Hazardous Waste & Hazardous Materials, Volume 11, Number 2, 1994
Greiner, Paluzzi, Colombo, Wyman, & Whichard

Presentations

Panel member for topics on working with lead pipe organ construction: regulatory, worker health and safety, and medical monitoring
American Institute of Organbuilders, Boston, MA Conference – August 31, 2016

“Overview of University of Maine Forest Bioproducts Research Institute Cellulose Based Technologies to Recycle/Reduce Solid Waste”
2015 TUR Planner Continuing Education Conference – April 9, 2015
Solid Waste Resource Conservation Plan for ITW Foils, Newburyport, MA

“Energy Recovery Resource Conservation Plan for MADICO, Woburn, MA”
2012 TUR Planner Continuing Education Conference, November 13, 2012

“Energy Recovery Resource Conservation Plan for MADICO, Woburn, MA”
2011 University of Maine, Orono, ME – October 6, 2011

“Energy Recovery Resource Conservation Plan for MADICO, Woburn, MA”
2011 Central MA Business Environmental Network, Worcester, MA – September 13, 2011

“Pollution Prevention (P2) Software Applications Presentation”
2005 Central MA Business Environmental Network, Worcester, MA – February 8, 2005

“Business Online P2 database and How to Use”
2004 P2 Tools Online Pollution Prevention Demonstration Workshop - October 21, 2004

“Industrial Energy Audits”
2002 TUR Planner Continuing Education Conference – November 21, 2002

“Energy Consumption in the United States- A Roadmap for Decision Making”
2002 TUR Planner Continuing Education Conference - April 24, 2002

“Applying TUR Techniques for Energy Conservation”
Advanced Internet: Environmental Information Searches with Improved Internet Tools
1997 Toxic Use Reduction Planners Conference - February 27, 1997

“P2 On-Line: Accessing Environmental Information on the Internet”
1996 Rhode Island Pollution Prevention Conference and Expo - October 23-25, 1996

“Searching the Internet for Pollution Prevention Information”
Brown University Chemical Engineering P2 Seminar - February 22, 1996

“Searching the Internet for Pollution Prevention Information”
J.F.K. School of Government Student/Faculty P2 Conference - February 10, 1996

“Using Internet Resources to Discover New TUR Options”
Toxics Use Reduction Planner Continuing Education Conference - October 1995

“Searching the Internet for Pollution Prevention Information”
Maine Department of Environmental Protection - July 20, 1995

“Using Internet Resources to Discover New TUR Options”
Toxics Use Reduction Planner Continuing Education Conference - February 27-28, 1995

“Methods of Measuring Emissions and Waste at Facilities”
Northeast Waste Management Officials Association Conference - June 23, 1993

“Conducting a Waste Audit”
Maine Alliance & Maine Waste Management Agency Symposium - June 9, 1993

“Finding Opportunities for Waste Reduction - Material Auditing & Economic Assessment”
Vermont Department of Environmental Conservation Waste Reduction Conference - Nov. 10, 1993