



Theodore F. Lyon

Ted is Managing Director-Bulk Metals with responsibility for Hatch's Iron & Steel, Bauxite, Alumina, Aluminum, and Magnesium Businesses throughout the world. He is also president & CEO of Hatch Associates Consultants Inc., Pittsburgh, Pa., USA — the U.S.-based unit of the Hatch Group. He is responsible for client development, technology development and applications, project development and execution and overall business performance associated with Hatch's advisory, technical consulting, engineering, and project delivery services to bulk metals industries worldwide.

With over 39 years' experience, Ted has been involved in all aspects of business improvement programs, project development, project execution, and plant start-up and operations throughout the world. He is knowledgeable in all aspect of iron and steelmaking processes and has been involved in the design and construction of numerous greenfield and brownfield industrial facilities in the metals industry.

Ted earned both his B.S. degree in mechanical engineering (1980) and M.B.A. (1993) from the University of Pittsburgh and is a registered professional engineer in Pennsylvania, New York, Michigan, Mississippi, and Louisiana. He is active with AIST as a Foundation Trustee and President of the Foundation for the 2019/2021 term. He is also Chairman of the University of Pittsburgh Swanson School of Engineering Mechanical Engineering and Materials Science Visiting Committee.

Ted earned his Bachelor of Science Degree in Mechanical Engineering in 1980, graduating magna cum laude from the University of Pittsburgh. Upon graduation, he joined Conoco Chemical Company in Baltimore, MD as a plant maintenance engineer in a Surfactants manufacturing plant that produced Linear Alkyl Benzene and related products. These products were anionic surfactants used as the active ingredient in household detergent products manufactured by companies like Unilever and Proctor and Gamble. In 1982, Ted was transferred and promoted to Senior Mechanical Engineer in Conoco's Lake Charles, Louisiana Chemical Complex. In this new role, Ted was responsible for the execution of the site capital plan across a wide range of manufacturing plants including an Ethylene Cracker, Normal Paraffin Extraction Unit, Synthetic Alcohol Unit, Ethylene Oxide Unit and a Methyl Chloride Unit. In this role, Ted managed the design and construction of a portfolio of energy conservation, productivity improvement, safety, and environmental projects. In 1985, Ted was again promoted and transferred to the company's Aberdeen, MS Polyvinyl Chloride manufacturing plant as Operations Engineer. In this role, Ted had responsibility for the rehabilitation and start-up of a PVC compounding plant for the manufacture of flexible PVC compounds for profile production, wire & cable insulation and other end product uses. In 1986, Ted was promoted to Mechanical Superintendent at the Aberdeen plant with overall responsibility

for plant maintenance and capital project implementation. This included a 400 million lb./yr. PVC resin production facility as well as PVC dry blend and compounding facilities.

In early 1989, Ted left Conoco to join Eichleay Engineering Inc. in Pittsburgh, PA as a Project Manager, focused on growing a portfolio of work in the Chemical Process Industry. During this period, Ted developed business with customers like Arco Chemical Company, BASF Corporation, and MoBay/Bayer Corporation for the design and construction of chemical processing facilities and improvement projects. Ted was promoted to Director of the Process Division, Director of Business Development and finally Vice President – Business Development in 1998. As VP Business Development, Ted was responsible for client engagement and business development for Eichleay Engineers and Eichleay Corporation's engineering and construction business throughout the USA and Canada. In this role, he was involved in development business in the chemical industry, Aluminum Industry, and the Iron & Steel Industry.

In August 2002, Ted left Eichleay to join Hatch Associates in their Pittsburgh office in the role of Director – Business Development. He joined the organization's global metals business and quickly progressed in 2004 to Managing Director of Hatch's Iron & Steel Business Unit. In this role, he had overall responsibility for the company's iron & steel business globally. Projects ranged from management consulting to pre-feasibility and feasibility study preparation through design and EPCM execution of brownfield and greenfield projects in the steel industry around the globe. Project locations included Brazil, India, Australia, Canada, USA, Mexico, Russia, and the Ukraine. In 2007, Ted was given the additional responsibility as President of Hatch Associates Consultant, Inc., the USA based operating company of Hatch Associates based in Canada. In 2016, Ted was promoted to his current position as Managing Director – Bulk Metals. In this role, Ted has responsibility for Hatch's global Ironmaking, Steelmaking, Bauxite, Alumina, and Magnesium business. This represents about one-third of Hatch's mining and metals portfolio worldwide.