



EXECUTIVE BIOGRAPHY

Mark J. Loboda

*Senior Vice President of Science and Technology
Hemlock Semiconductor Operations*

Primary Responsibilities

Mark is responsible to deliver continuous improvement in science, technology and quality in order to support the Company towards its objective to be the preferred supplier of polysilicon materials for semiconductor and solar electronics applications.

Experience and Expertise

Mark joined Hemlock Semiconductor in 2017. Mark's career includes over 30 years of experience as a Principal Researcher and Program Leader in roles traversing the electronics supply chain: circuit design and testing, digital and analog semiconductor devices, thin film technology for semiconductor materials, semiconductor substrate materials and solid-state device fabrication technology. While working in the defense electronics and semiconductor substrates businesses, Mark gained first-hand experience in the creation and supply of products requiring very high purity, high quality and high reliability. Mark has been previously employed by Raytheon, Siltronic Corporation, and Dow Corning Corporation.

Over his career Mark has published over 100 journal articles and developed over 30 inventions which were awarded international patents. Products developed from the inventions have achieved successful commercial impact in memory devices, high speed microprocessors and wide band gap power semiconductor devices.

Education

- B.Sc. Physics, DePaul University, Chicago, IL 1983
- M.Sc. Applied Physics, DePaul University, Chicago, IL 1985



About Hemlock Semiconductor

Hemlock Semiconductor Operations (HSC) is a leading provider of ultra-pure polycrystalline silicon and other silicon-based products used in the manufacture of semiconductor devices, solar cells and modules. At HSC, we're passionate about silicon-based technology and its unique potential to connect and energize the world we share. HSC's polysilicon enables customers to produce high-tech electronics and solar energy, and our efficient manufacturing process delivers products with an ultra-low-carbon footprint. HSC began operations in 1961.

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