

Connecting and Energizing Our World

ABOUT HEMLOCK SEMICONDUCTOR

At Hemlock Semiconductor (HSC), we transform people's lives by connecting and energizing our world through silicon technology. We're passionate about silicon-based technology – its versatility, its possibilities and its unique potential to improve the world we share.

Building on 60+ Years Of Manufacturing Experience

As the only producer of hyper-pure polysilicon headquartered in the United States, HSC has been a leader in polysilicon manufacturing since we began operation in 1961. Our experience and technology have allowed us to develop a safe, efficient, sustainable and cost-effective process to manufacture this highly critical material for the semiconductor and solar industries.

Polysilicon from HSC is used to make computer chips – the "brains" behind the electronic devices we rely on to make our lives easier, safer and more enjoyable. HSC is just one of six major manufacturers in the world that makes polysilicon used to create semiconductor wafers. In fact, nearly all electronic devices in the world contain HSC polysilicon.

Polysilicon manufactured by HSC with lower embodied carbon is also the fundamental building block for solar cells that harness sunlight to produce clean, renewable solar power. These panels allow solar project developers and owners to lower the embodied carbon of their projects by up to 50 percent.

Empowering Employees To Make a Difference

We are a family-friendly, community-oriented high-tech employer whose employees and products have a positive effect on the world. HSC is a major contributor to the Great Lakes Bay Region, supporting numerous community programs and projects and empowering its employees to make a difference in the region by actively volunteering.



Hemlock Semiconductor Operations Headquarters

HSC is a joint venture between Corning Inc. and Shin-Etsu Handotai.

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Connecting our world with semiconductor technology



Energizing our world with solar energy



Largest electricity user in the State of Michigan



EGLE Clean Corporate Citizen



Strong safety record and commitment to sustainability

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