



## Idaho Department of Environmental Quality Pollution Prevention Champion

Micro 100 Tool  
Meridian, Idaho  
2014

### Environmental Commitment

Micro 100 Tool is a leading manufacturer of hardened cutting tools used by manufacturers across the globe to create new and lasting products. As part of its commitment to both customers and community, the company has taken numerous steps to help reduce the environmental impact of its manufacturing. The company's methodical approach to reduce pollution demonstrates leadership in action that produces tremendous results.

### Pollution Prevention Success

Micro 100 Tool's results are a reflection of its culture. The company is firmly committed to the community and actively engages employees to continuously improve all of their processes. These attributes have allowed Micro 100 Tool to significantly reduce raw material and hazardous material purchases and waste.

#### Reducing Hazardous Waste

It may seem that some waste is inevitable in manufacturing. Meeting customer specifications may entail using products or processes that simply generate waste. In the short term, this may be acceptable, but to a forward-thinking company such as Micro 100 Tool, a commitment to waste reduction has led the company to reducing its hazardous waste generation to zero. From generating over 7,000 pounds of hazardous waste per year only a short time ago, Micro 100 Tool has completely reinvented its production process to recycle cutting fluids and other hazardous materials in process. Not only has this reduced pollution, but it has saved the company money and hasn't compromised the quality in any of the final products. Leadership, engagement, and a culture dedicated to improvement and making the best products possible has resulted in an outstanding reduction in pollution.

#### Improving Energy Efficiency and Reducing Water Use

Micro 100 Tool has also taken significant strides to reduce energy and water use at its Meridian facility. Energy-efficient fixtures and changes to equipment utilizing water have resulted in significant savings. In total, Micro 100 Tool has been able to reduce its electricity demand by over 130,000 kilowatt-hours per year and its water use by over 1 million gallons per year. These reductions are equivalent to the electricity use of eight households per year and water use of seven households per year.

### For More Information

To learn more about Micro 100 Tool and its pollution prevention efforts, visit the company's website at [www.micro100.com](http://www.micro100.com).

*Information on this fact sheet represents an example of pollution prevention projects undertaken by Idaho organizations and does not constitute Departmental certification or approval of compliance at this or any other time with federal, state and/or local regulations.*