



# Green Manufacturing Worksheet

When we think about our shops being green we feel that it would cost more that it would benefit us. Actually becoming green can actually save you company money. There are many simple and commonsense green things that we all can do with very little effort. The following a Green Manufacturing Worksheet that will help you determine your companies environmental impact. This NTMA program will help give you ideas on manufacturing green. If we all become a little greener we can make a difference.

Company:		
Audit Date:	By:	Number of Yes's:
Last Audit:	By:	Number of Yes's:

Landscaping		Remarks
Using native plants	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Keep the grass over 2" long	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Capture rainwater from your down spouts	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Lights		Remarks
Changing out florescent tubes to T8	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Replace transformer with digital	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Turning off light when not need will help.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Motion activated lights switches	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Photo/ motion sensors spot or floodlights	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Natural Lighting		Remarks
Use windows to bring in light	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use Shades at night and in summer	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Windows		Remarks
Replace single pane windows	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Computers		Remarks
Turn off and unplug computers at night	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Replacing CRT monitors with Flat screen	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use power strips	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Machines		Remarks
Power down all unused equipment.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Chargers		Remarks
Unplug all devise and/or battery chargers when not being used	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Water based Coolants		Remarks
Use vegetable or biodegradable coolants,	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use a water evaporator	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Cutting Oils		Remarks
Use vegetable or biodegradable coolants.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Using reduced volume applicators or spray units	<input type="checkbox"/> Yes <input type="checkbox"/> No	
On light duty work add plastic blocks to the coolant tank to reduce volume,	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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<b>Chips</b>		<b>Remarks</b>
Recycle all chips.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Vegetable or biodegradable	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Chip compressor	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Waste water</b>		<b>Remarks</b>
Skim and filter your wastewater	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use settlement tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Shop rags / Wipes</b>		<b>Remarks</b>
Reusable shop rags	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Disposal wipes made from recycled matl.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Part cleaning</b>		<b>Remarks</b>
Biodegradable cleaners	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use Ultrasonic units	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Air Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Paper</b>		<b>Remarks</b>
Using email, without printing	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Electronic files	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Housekeeping</b>		<b>Remarks</b>
Repairing leaking shields and tanks	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Catch trays	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Reusable oil socks	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Shipping</b>		<b>Remarks</b>
Reusing shipping boxes	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Shredded packing paper	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Reusable recycled plastic pallets	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Recycle wood pallets	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Reusable part totes,	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Travel</b>		<b>Remarks</b>
Reduce trips	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Teleconferencing	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Video conferencing	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Group trips	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use Webinars	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Part handling</b>		<b>Remarks</b>
Use recycling of cardboard boxed.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Use recycled plastic totes.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Lunch Room</b>		<b>Remarks</b>
Recycle paper	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Recycle cans	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Recycle glass	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Raw Material</b>		<b>Remarks</b>
Purchase only what is	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Recycle cutoffs.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Tools</b>		<b>Remarks</b>
Recycle broken carbide tools	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Re-Sharpen tools	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Lean</b>		<b>Remarks</b>

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Less traveling of the product or employee	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6S Lean program	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Using Manufacturing Cells	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Equipment</b>		<b>Remarks</b>
Equipment sized for the job	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Old Equipment replacement program	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Preventive Maintenance	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Air System</b>		<b>Remarks</b>
Review system yearly	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Review for leaks every six months or less	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Maintenance</b>		<b>Remarks</b>
Air filters on heating / air	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment maintenance schedule	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Clean floor of chips	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Environmental</b>		<b>Remarks</b>
Air filter systems	<input type="checkbox"/> Yes <input type="checkbox"/> No	
No outside storage of chips or wastes	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Reducing Scrap</b>		<b>Remarks</b>
Good quality system	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Good Employee training	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Clear instructions	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Extra Credit</b>		<b>Remarks</b>
Solar energy	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Wind Power	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Solar heat	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Geothermal Heat & cooling	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Radiant Floor Heating	<input type="checkbox"/> Yes <input type="checkbox"/> No	