



**MACT & NSPS TECHNICAL RESOURCES and ROP TEMPLATE TABLES**

Template ID No.	New Source Performance Standards (NSPS) 40 CFR Part 60	Subpart	Files
	<b>Contact Julie Brunner at <a href="mailto:BrunnerJ1@Michigan.gov">BrunnerJ1@Michigan.gov</a> or at 517-275-0415 for Updated Templates.</b>		
60-4I-01	RICE Compression Ignition Emergency > 3000 hp	<a href="#">IIII</a>	<i>Currently Being Updated</i>
60-4I-02	Compression Ignition ICE 2007 and later, Non-Emergency, Displacement of Less than 30 liters per cycle	<a href="#">IIII</a>	<a href="#">MS Word</a> <a href="#">PDF</a>

Template ID No	Municipal Solid Waste Landfills 40 CFR Part 60, 61, 62 and 63	Subpart	Files
	<b>Contact Gina McCann at <a href="mailto:McCannG2@Michigan.gov">McCannG2@Michigan.gov</a> or at 989-439-2282 for Updated Templates</b>		
60-3X-01	Municipal Solid Waste Landfills - XXX NMOC Greater than 34 Mg	<a href="#">XXX</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
60-3X-02	Municipal Solid Waste Landfills - XXX NMOC Less than 34 Mg	<a href="#">XXX</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
61-M	Municipal Solid Waste Landfills - Asbestos	<a href="#">M</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
62-3O-01	Municipal Solid Waste Landfills -OOO NMOC Less than 34 Mg	<a href="#">OOO</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
62-3O-02	Municipal Solid Waste Landfills - OOO NMOC Greater than 34 Mg	<a href="#">OOO</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
63-4A-01	Municipal Solid Waste Landfills - AAAA NMOC Equal to or Greater than 50Mg	<a href="#">AAAA</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
63-4A-02	Municipal Solid Waste Landfills - AAAA NMOC Less than 50Mg	<a href="#">AAAA</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
63-4Z-L1	Major HAP Source - Existing Landfill Gas Spark Ignition Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a> <a href="#">PDF</a>
63-4Z-L2	Major HAP Source - New Landfill Gas Spark Ignition Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a> <a href="#">PDF</a>

Template ID No	Mercury and Air Toxics Standards (MATS) 40 CFR Part 63, Subpart UUUUU	Subpart	Files
	<b>Contact Brian Carley at <a href="mailto:CarleyB@Michigan.gov">CarleyB@Michigan.gov</a> or at 517-416-4631 for Updated Templates.</b>		
63-5U	Major HAP Source - Existing Coal-Fired Electric Utility Steam Generating Units	<a href="#">UUUUU</a>	<a href="#">MS Word</a> <a href="#">PDF</a>

Template ID No		Maximum Achievable Control Technology (MACT) Standards 40 CFR Part 63		
	<b>Contact Julie Brunner at <a href="mailto:BrunnerJ1@Michigan.gov">BrunnerJ1@Michigan.gov</a> or at 517-275-0415 for Updated Templates.</b>	<b>Subpart</b>	<b>Files</b>	
63-F	Major HAP Source - Synthetic Organic Chemical Manufacturing Industry	<a href="#">F</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-G	Major HAP Source - Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations and Wastewater	<a href="#">G</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-H	Major HAP Source - Organic Hazardous Air Pollutants for Equipment Leaks	<a href="#">H</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-I	Major HAP Source - Certain Processes Subject to the Negotiated Regulation for Equipment Leaks	<a href="#">I</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-N	Major and Area HAP Sources - Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	<a href="#">N</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-R	Major HAP Source - Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	<a href="#">R</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-T	Major and Area HAP Sources - Halogenated Solvent Cleaning	<a href="#">T</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-2D	Major HAP Source - Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	<a href="#">2D</a>	<i>Per Request - Contact Julie Brunner</i>	
63-2K	Major HAP Source - Printing and Publishing Industry	<a href="#">2K</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4E	Major HAP Source - Organic Liquids Distribution (Non-Gasoline)	<a href="#">4E</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4I	Major HAP Source - Surface Coating of Automobiles and Light-Duty Trucks	<a href="#">4I</a>	<i>Currently Being Updated</i>	
63-4M	Major HAP Source - Surface Coating of Miscellaneous Metal Parts and Products	<a href="#">4M</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4P	Major HAP Source - Surface Coating of Plastic Parts and Products	<a href="#">4P</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4Q	Major HAP Source - Surface Coating of Wood Building Products	<a href="#">4Q</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4R	Major HAP Source - Surface Coating of Metal Furniture	<a href="#">4R</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4Y	Major HAP Source - Stationary Combustion Turbine(s) with Oxidation Catalyst	<a href="#">4Y</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4W	Major HAP Source - Reinforced Plastic Composites Production	<a href="#">4W</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5E	Major HAP Source - Iron and Steel Foundries	<a href="#">5E</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5H	Major HAP Source - Miscellaneous Coating Manufacturing	<a href="#">5H</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5P	Major HAP Source - Engine Test Cells/Standards	<a href="#">5P</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>

Reciprocating Internal Combustion Engine (RICE) MACT Standard 40 CFR Part 63, Subpart ZZZZ				
Template ID No		Subpart	Files	
	<b>Contact Julie Brunner at <a href="mailto:BrunnerJ1@Michigan.gov">BrunnerJ1@Michigan.gov</a> or at 517-275-0415 for Updated Templates.</b>			
63-4ZE-01	Major or Area HAP Source - Existing Compression Ignition Emergency Equal to or Less than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-02	Major HAP Source - Existing Compression Ignition Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-03	Major HAP Source - Existing Compression Ignition Limited Use Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-04	Major HAP Source - Existing Spark Ignition Non-Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<i>Currently Being Updated</i>	
63-4ZE-05	Major or Area HAP Source - Existing Spark Ignition Emergency Equal to or Less than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-06	Major HAP Source - Existing Spark Ignition Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-07	Area HAP Source - Existing Compression Ignition Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-08	Area HAP Source - Existing Spark Ignition Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-09	Area HAP Source - Existing Compression Ignition Non-Emergency Non-Black Start Greater than 500 bhp Oxidation Catalyst	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-10	Area HAP Source - Existing Spark Ignition 4SLB, Non-Remote, Non-Emergency, Non Black Start Greater than 500 bhp Oxidation Catalyst, Operates more than 24hrs/yr	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZE-11	Major or Area HAP Source - Existing Compression Ignition Black Start Equal to or Less than 500 bhp if Major Source	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZN-01	Major HAP Source - New or Reconstructed Compression Ignition Emergency Equal to or Less than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZN-02	Major HAP Source - New or Reconstructed Compression Ignition Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZN-03	Major HAP Source - New or Reconstructed Spark Ignition Emergency Equal to or Less than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZN-04	Major HAP Source - New or Reconstructed Spark Ignition Emergency Greater than 500 bhp	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-4ZN-05	Major HAP Source - New Spark Ignition 4SRB, Non-Emergency Equal to or Less than 500 bhp	<a href="#">ZZZZ</a>	<i>Currently Being Updated</i>	
63-4ZN-06	Major HAP Source - New Compression Ignition Non-Emergency Greater than 500 bhp Oxidation Catalyst	<a href="#">ZZZZ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>

Industrial, Commercial, and Industrial Boilers & Process Heaters NEW and EXISTING Major Source MACT Standard 40 CFR Part 63, Subpart DDDDD				
Template ID No		TEMPLATE INSTRUCTIONS	<a href="#">MS Word</a>	<a href="#">PDF</a>
	<b>Contact Brian Carley at <a href="mailto:CarleyB@Michigan.gov">CarleyB@Michigan.gov</a> or at 517-416-4631 for Updated Templates.</b>	<b>Subpart</b>	<b>Files</b>	
63-5DE-01	Major HAP Source - Existing Light Liquid	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-02	Major HAP Source - Existing Heavy Liquid	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-03	Major HAP Source - Existing or New Limited Use	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-04	Major HAP Source - Existing Stokers, Sloped Grate or Other Designed to Burn Kiln Dried Biomass or Bio-Based Solid Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-05	Major HAP Source - Existing Stokers, Sloped Grate or Other, Designed to Burn Wet Biomass	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-06	Major HAP Source - Existing Fluidized Bed Designed to Burn Biomass or Bio-Based Solid Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-07	Major HAP Source - Existing Suspension Burner Designed to Burn Dry Biomass or Bio-Based Solid Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-08	Major HAP Source - Existing Fuel Cell Designed to Burn Biomass or Bio-Based Solid Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-09	Major HAP Source - Existing Hybrid Suspension Grate Burners Designed to Burn Wet Biomass and Bio-Based Solid Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-10	Major HAP Source - Existing Dutch Oven Pile Burner Designed to Burn Biomass or Bio-Based Solid Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-11	Major HAP Source - Existing Fluidized Bed Coal/Solid Fossil Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-12	Major HAP Source - Existing Fluidized Bed with an Integrated Heat Exchanger Coal/Solid Fossil Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-13	Major HAP Source - Existing Pulverized Coal/Solid Fossil Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-14	Major HAP Source - Existing or New Boiler Process Heater Small Unit Less than 10- MMBTU/hr	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-15	Major HAP Source - Existing Stoker Coal/Solid Fossil Fuel	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DE-16	Major HAP Source - Existing Metal Process Furnaces Greater than 10 MMBTU/hr	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-5DA-01	Appendix – 40 CFR Part 63, Subpart DDDDD Emissions Averaging for Existing Sources	<a href="#">DDDDD</a>	<i>Currently Being Updated</i>	
63-5DA-02	Appendix – 40 CFR Part 63, Subpart DDDDD Energy Assessment /Use of Credits	<a href="#">DDDDD</a>	<i>Currently Being Updated</i>	
63-5DN-01	Major HAP Source - New or Existing Boiler Process Heater Gas 1 Greater than 10 MMBTU/hr	<a href="#">DDDDD</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>

Template ID No		Industrial, Commercial, and Institutional Boilers EXISTING Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ		
		TEMPLATE INSTRUCTIONS	<a href="#">MS Word</a>	<a href="#">PDF</a>
		Contact Brian Carley at <a href="mailto:CarleyB@Michigan.gov">CarleyB@Michigan.gov</a> or at 517-416-4631 for Updated Templates.	Subpart	Files
63-6JE-01	Area HAP Source Boiler - Existing Limited-Use	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-02	Area HAP Source Boiler - Existing Small Ox Trim	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-03	Area HAP Source Boiler - Existing Small Seasonal	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-04	Area HAP Source Boiler - Existing Small Coal	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-05	Area HAP Source Boiler - Existing Small Biomass	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-06	Area HAP Source Boiler - Existing Small Oil	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-07	Area HAP Source Boiler - Existing Extra Small Oil	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-08	Area HAP Source Boiler - Existing Large Seasonal	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-09	Area HAP Source Boiler - Existing Large Coal	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-10	Area HAP Source Boiler - Existing Large Biomass without Ox Trim	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-11	Area HAP Source Boiler - Existing Large Biomass Ox Trim	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-12	Area HAP Source Boiler - Existing Large Oil without Ox Trim	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>
63-6JE-13	Area HAP Source Boiler - Existing Large Oil OxTrim	<a href="#">JJJJJ</a>	<a href="#">MS Word</a>	<a href="#">PDF</a>

Template ID No		Industrial, Commercial, and Industrial Boilers NEW Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ		
		TEMPLATE INSTRUCTIONS	<a href="#">MS Word</a>	<a href="#">PDF</a>
		Contact Brian Carley at <a href="mailto:CarleyB@Michigan.gov">CarleyB@Michigan.gov</a> or at 517-416-4631 for Updated Templates.	Subpart	Files
63-6JN-01	Area HAP Source Boiler - New Limited-Use	<a href="#">JJJJJ</a>		Currently Being Updated
63-6JN-02	Area HAP Source Boiler - New Small Ox Trim	<a href="#">JJJJJ</a>		Currently Being Updated
63-6JN-03	Area HAP Source Boiler - New Small Seasonal	<a href="#">JJJJJ</a>		Currently Being Updated
63-6JN-04	Area HAP Source Boiler - New Small Coal	<a href="#">JJJJJ</a>		Currently Being Updated

		<b>Industrial, Commercial, and Industrial Boilers NEW Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ</b>	
<b>Template ID No</b>			
63-6JN-05	Area HAP Source Boiler - New Small Biomass	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-06	Area HAP Source Boiler - New Small Oil	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-07	Area HAP Source Boiler - New Extra Small Oil	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-08	Area HAP Source Boiler - New Large Seasonal	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-09	Area HAP Source Boiler - New Large Coal	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-10	Area HAP Source Boiler - New Extra Large Coal	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-11	Area HAP Source Boiler - New Large Biomass without Ox Trim	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-12	Area HAP Source Boiler - New Large Biomass Ox Trim	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-13	Area HAP Source Boiler - New Large Oil without Ox Trim	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-14	Area HAP Source Boiler - New Large Oil Ox Trim	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-15	Area HAP Source Boiler - New Extra Large Biomass OxTrim	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated
63-6JN-16	Area HAP Source Boiler - New Extra Large Biomass without Ox Trim	<a href="#"><u>JJJJJJ</u></a>	Currently Being Updated