



MACT & NSPS TECHNICAL RESOURCES and ROP TEMPLATE TABLES

Template ID No.	New Source Performance Standards (NSPS) 40 CFR Part 60	Subpart	MS Files
60-4I-01	RICE Compression Ignition Emergency > 3000 hp	IIII	<i>Currently Being Updated</i>
60-4I-02	Compression Ignition ICE 2007 and later, Non-Emergency, Displacement of Less than 30 liters per cycle	IIII	MS Word
60-4J-01	Spark Ignition ICE Emergency Natural Gas Greater than 500 hp	JJJJ	MS Word
60-4J-02	Spark Ignition ICE Emergency Natural Gas Equal to or Less than 500 hp	JJJJ	MS Word
60-DC-01	Natural Gas Boilers / Steam Generating Units, Greater than 10 MMBTU and Equal to or Less than 100 MMBTU	Dc	MS Word

Contact Julie Brunner at BrunnerJ1@Michigan.gov or at 517-275-0415 for Updated Templates.

Template ID No	Municipal Solid Waste Landfills 40 CFR Part 60, 61, 62 and 63	Subpart	MS Files
60-3X-01	Municipal Solid Waste Landfills - XXX NMOC Greater than 34 Mg	XXX	MS Word
60-3X-02	Municipal Solid Waste Landfills - XXX NMOC Less than 34 Mg	XXX	MS Word
61-M	Municipal Solid Waste Landfills - Asbestos	M	MS Word
62-3O-01	Municipal Solid Waste Landfills -OOO NMOC Less than 34 Mg	OOO	MS Word
62-3O-02	Municipal Solid Waste Landfills - OOO NMOC Greater than 34 Mg	OOO	MS Word
63-4A-01	Municipal Solid Waste Landfills - AAAA NMOC Equal to or Greater than 50Mg	AAAA	MS Word
63-4A-02	Municipal Solid Waste Landfills - AAAA NMOC Less than 50Mg	AAAA	MS Word
63-4Z-L1	Major HAP Source - Existing Landfill Gas Spark Ignition Greater than 500 bhp	ZZZZ	MS Word
63-4Z-L2	Major HAP Source - New Landfill Gas Spark Ignition Greater than 500 bhp	ZZZZ	MS Word

Contact Gina McCann at McCannG2@Michigan.gov or at 989-439-2282 for Updated Templates

Template ID No.	Mercury and Air Toxics Standards (MATS) 40 CFR Part 63, Subpart UUUUU	Subpart	MS Files
63-5U	Major HAP Source - Existing Coal-Fired Electric Utility Steam Generating Units	UUUUU	MS Word

Contact Brian Carley at CarleyB@Michigan.gov or at 517-416-4631 for Updated Templates.

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

Template ID No.	Maximum Achievable Control Technology (MACT) Standards 40 CFR Part 63	Subpart	MS Files
63-5H	Major HAP Source - Miscellaneous Coating Manufacturing	HHHHH	MS Word
63-5P	Major HAP Source - Engine Test Cells/Standards	PPPPP	MS Word

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Template ID No	Reciprocating Internal Combustion Engine (RICE) MACT Standard 40 CFR Part 63, Subpart ZZZZ	Subpart	MS Files
63-4ZE-01	Major or Area HAP Source - Existing Compression Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word
63-4ZE-02	Major HAP Source - Existing Compression Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word
63-4ZE-03	Major HAP Source - Existing Compression Ignition Limited Use Greater than 500 bhp	ZZZZ	MS Word
63-4ZE-04	Major HAP Source - Existing Spark Ignition Non-Emergency Greater than 500 bhp	ZZZZ	Currently Being Updated
63-4ZE-05	Major or Area HAP Source - Existing Spark Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word
63-4ZE-06	Major HAP Source - Existing Spark Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word
63-4ZE-07	Area HAP Source - Existing Compression Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word
63-4ZE-08	Area HAP Source - Existing Spark Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word
63-4ZE-09	Area HAP Source - Existing Compression Ignition Non-Emergency Non-Black Start Greater than 500 bhp Oxidation Catalyst	ZZZZ	MS Word
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	ZZZZ	MS Word
63-4ZE-11	Major or Area HAP Source - Existing Compression Ignition Black Start Equal to or Less than 500 bhp if Major Source	ZZZZ	MS Word
63-4ZN-01	Major HAP Source - New or Reconstructed Compression Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word
63-4ZN-02	Major HAP Source - New or Reconstructed Compression Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word
63-4ZN-03	Major HAP Source - New or Reconstructed Spark Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word
63-4ZN-04	Major HAP Source - New or Reconstructed Spark Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word
63-4ZN-05	Major HAP Source - New Spark Ignition 4SRB, Non-Emergency Equal to or Less than 500 bhp	ZZZZ	Currently Being Updated

Template ID No	Reciprocating Internal Combustion Engine (RICE) MACT Standard 40 CFR Part 63, Subpart ZZZZ	Subpart	MS Files
63-4ZN-06	Major HAP Source - New Compression Ignition Non-Emergency Greater than 500 bhp Oxidation Catalyst	ZZZZ	MS Word

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Template ID No.	Industrial, Commercial, and Industrial Boilers & Process Heaters NEW and EXISTING Major Source MACT Standard 40 CFR Part 63, Subpart DDDDD	Subpart	MS Files
-	Template Instructions	-	MS Word
63-5DE-01	Major HAP Source - Existing Light Liquid	DDDDD	MS Word
63-5DE-02	Major HAP Source - Existing Heavy Liquid	DDDDD	MS Word
63-5DE-03	Major HAP Source - Existing or New Limited Use	DDDDD	MS Word
63-5DE-04	Major HAP Source - Existing Stokers, Sloped Grate or Other Designed to Burn Kiln Dried Biomass or Bio-Based Solid Fuel	DDDDD	MS Word
63-5DE-05	Major HAP Source - Existing Stokers, Sloped Grate or Other, Designed to Burn Wet Biomass	DDDDD	MS Word
63-5DE-06	Major HAP Source - Existing Fluidized Bed Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word
63-5DE-07	Major HAP Source - Existing Suspension Burner Designed to Burn Dry Biomass or Bio-Based Solid Fuel	DDDDD	MS Word
63-5DE-08	Major HAP Source - Existing Fuel Cell Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word
63-5DE-09	Major HAP Source - Existing Hybrid Suspension Grate Burners Designed to Burn Wet Biomass and Bio-Based Solid Fuel	DDDDD	MS Word
63-5DE-10	Major HAP Source - Existing Dutch Oven Pile Burner Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word
63-5DE-11	Major HAP Source - Existing Fluidized Bed Coal/Solid Fossil Fuel	DDDDD	MS Word
63-5DE-12	Major HAP Source - Existing Fluidized Bed with an Integrated Heat Exchanger Coal/Solid Fossil Fuel	DDDDD	MS Word
63-5DE-13	Major HAP Source - Existing Pulverized Coal/Solid Fossil Fuel	DDDDD	MS Word
63-5DE-14	Major HAP Source - Existing or New Boiler Process Heater Small Unit Less than 10- MMBTU/hr	DDDDD	MS Word
63-5DE-15	Major HAP Source - Existing Stoker Coal/Solid Fossil Fuel	DDDDD	MS Word
63-5DE-16	Major HAP Source - Existing Metal Process Furnaces Greater than 10 MMBTU/hr	DDDDD	MS Word
63-5DA-01	Appendix – 40 CFR Part 63, Subpart DDDDD Emissions Averaging for Existing Sources	DDDDD	Currently Being Updated

Template ID No.	Industrial, Commercial, and Industrial Boilers & Process Heaters NEW and EXISTING Major Source MACT Standard 40 CFR Part 63, Subpart DDDDD	Subpart	MS Files
63-5DA-02	Appendix – 40 CFR Part 63, Subpart DDDDD Energy Assessment /Use of Credits	DDDDD	<i>Currently Being Updated</i>
63-5DN-01	Major HAP Source - New or Existing Boiler Process Heater Gas 1 Greater than 10 MMBTU/hr	DDDDD	MS Word

Contact Brian Carley at CarleyB@Michigan.gov or at 517-416-4631 for Updated Templates.

Template ID No.	Industrial, Commercial, and Institutional Boilers EXISTING Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJ	Subpart	MS Files
-	Template Instructions	-	MS Word
63-6JE-01	Area HAP Source Boiler - Existing Limited-Use	JJJJJ	MS Word
63-6JE-02	Area HAP Source Boiler - Existing Small Ox Trim	JJJJJ	MS Word
63-6JE-03	Area HAP Source Boiler - Existing Small Seasonal	JJJJJ	MS Word
63-6JE-04	Area HAP Source Boiler - Existing Small Coal	JJJJJ	MS Word
63-6JE-05	Area HAP Source Boiler - Existing Small Biomass	JJJJJ	MS Word
63-6JE-06	Area HAP Source Boiler - Existing Small Oil	JJJJJ	MS Word
63-6JE-07	Area HAP Source Boiler - Existing Extra Small Oil	JJJJJ	MS Word
63-6JE-08	Area HAP Source Boiler - Existing Large Seasonal	JJJJJ	MS Word
63-6JE-09	Area HAP Source Boiler - Existing Large Coal	JJJJJ	MS Word
63-6JE-10	Area HAP Source Boiler - Existing Large Biomass without Ox Trim	JJJJJ	MS Word
63-6JE-11	Area HAP Source Boiler - Existing Large Biomass Ox Trim	JJJJJ	MS Word
63-6JE-12	Area HAP Source Boiler - Existing Large Oil without Ox Trim	JJJJJ	MS Word
63-6JE-13	Area HAP Source Boiler - Existing Large Oil OxTrim	JJJJJ	MS Word

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Template ID No	Industrial, Commercial, and Industrial Boilers NEW Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJ	Subpart	MS Files
-	Template Instructions	-	MS Word
63-6JN-01	Area HAP Source Boiler - New Limited-Use	JJJJJ	<i>Currently Being Updated</i>
63-6JN-02	Area HAP Source Boiler - New Small Ox Trim	JJJJJ	<i>Currently Being Updated</i>

Template ID No	Industrial, Commercial, and Industrial Boilers NEW Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ	Subpart	MS Files
63-6JN-03	Area HAP Source Boiler - New Small Seasonal	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-04	Area HAP Source Boiler - New Small Coal	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-05	Area HAP Source Boiler - New Small Biomass	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-06	Area HAP Source Boiler - New Small Oil	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-07	Area HAP Source Boiler - New Extra Small Oil	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-08	Area HAP Source Boiler - New Large Seasonal	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-09	Area HAP Source Boiler - New Large Coal	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-10	Area HAP Source Boiler - New Extra Large Coal	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-11	Area HAP Source Boiler - New Large Biomass without Ox Trim	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-12	Area HAP Source Boiler - New Large Biomass Ox Trim	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-13	Area HAP Source Boiler - New Large Oil without Ox Trim	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-14	Area HAP Source Boiler - New Large Oil Ox Trim	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-15	Area HAP Source Boiler - New Extra Large Biomass OxTrim	JJJJJJ	<i>Currently Being Updated</i>
63-6JN-16	Area HAP Source Boiler - New Extra Large Biomass without Ox Trim	JJJJJJ	<i>Currently Being Updated</i>

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