Michigan Department of Environment, Great Lakes, and Energy
Air Quality Division

MACT & NSPS TECHNICAL RESOURCES and ROP TEMPLATE TABLES

Template ID No.	New Source Performance Standards (NSPS) 40 CFR Part 60		
		Subpart	Files
60-4I	RICE Combustion Ignition Emergency > 3000 hp	*Currently Being Updated*	

Template ID No	Municipal Solid Waste Landfills 40 CFR Part 60, 61, and 63			
		Subpart	Files	
60-3X-1	Municipal Solid Waste Landfills - NMOC Greater than 34 Mg	XXX	MS Word	PDF
60-3X-2	Municipal Solid Waste Landfills - NMOC Less than 34 Mg	XXX	MS Word	PDF
61-M	Municipal Solid Waste Landfills - Asbestos	M	MS Word	PDF
63-4A	Municipal Solid Waste Landfills – MACT AAAA	AAAA	MS Word	PDF

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

Template ID No	Maximum Achievable Control Technology (MACT) Standards 40 CFR Part 63			
		Subpart	Files	
63-F	Synthetic Organic Chemical Manufacturing Industry	F	MS Word	PDF
63-G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations and Wastewater	G	MS Word	PDF
63-H	Organic Hazardous Air Pollutants for Equipment Leaks	H	MS Word	PDF
63-I	Certain Processes Subject to the Negotiated Regulation for Equipment Leaks	I	MS Word	PDF
63-N	Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	N	MS Word	PDF
63-R	Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	R	MS Word	PDF
63-T	Halogenated Solvent Cleaning	T	MS Word	PDF
63-2D	Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	DD	MS Word	PDF
63-2K	Printing and Publishing Industry	KK	MS Word	PDF
63-4E	Organic Liquids Distribution (Non-Gasoline)	EEEE	MS Word	PDF

Revised October 26, 2021

Template ID No	Maximum Achievable Control Technology (MACT) Standards 40 CFR Part 63			
63-4I	Surface Coating of Automobiles and Light-Duty Trucks	IIII	MS Word	PDF
63-4M	Surface Coating of Miscellaneous Metal Parts and Products	MMMM	MS Word	PDF
63-4P	Surface Coating of Plastic Parts and Products	PPPP	MS Word	PDF
63-4Q	Surface Coating of Wood Building Products	QQQQ	MS Word	PDF
63-4R	Surface Coating of Metal Furniture	RRRR	MS Word	PDF
63-5E	Iron and Steel Foundries	EEEEE	MS Word	PDF
63-5H	Miscellaneous Coating Manufacturing	HHHHH	MS Word	PDF
63-5P	Engine Test Cells/Stands	PPPPP	MS Word	PDF

Template ID No	Reciprocating Internal Combustion Engine (RICE) MACT Standard 40 CFR Part 63, Subpart ZZZZ			
	Contact Julie Brunner at 517-275-0415 for Updated Templates.	**Subpart**	**Files**	
63-4Z-1	Major or Area Source, Existing Compression Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-2	Major Source, Existing Compression Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-3	Major Source, Existing Compression Ignition Limited Use Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-4	Major Source, Existing Non-Emergency, Spark Ignition > 500 bhp	*Currently Being Updated*		
63-4Z-5	Major or Area Source, Existing Spark Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-6	Major Source, Existing Spark Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-7	Major Source, New or Reconstructed Compression Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-8	Major Source, New or Reconstructed Compression Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-9	Major Source, New or Reconstructed Spark Ignition Emergency Equal to or Less than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-10	Major Source, New or Reconstructed Spark Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-11	Area Source, Existing Compression Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-12	Area Source, Existing Spark Ignition Emergency Greater than 500 bhp	ZZZZ	MS Word	PDF
63-4Z-13	Major Source, New Spark Ignition 4SRB, Non-Emergency RICE ≤ 500 bhp	*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			
	TEMPLATE INSTRUCTIONS		MS Word	PDF
	Contact Brian Carley at 517-416-4631 for Updated Templates.	**Subpart**	**Files**	
63-5DNE	New or Existing Boiler Process Heater Gas 1 (Greater than 10 MMBTU/hr)	DDDDD	MS Word	PDF
63-5DE-1	Existing Light Liquid	DDDDD	MS Word	PDF
63-5DE-2	Existing Heavy Liquid	DDDDD	MS Word	PDF
63-5DE-3	Existing or New Limited Use	DDDDD	MS Word	PDF
63-5DE-4	Existing Stokers Designed to Burn Kiln Dried Biomass or Bio-Based Solid Fuel	DDDDD	MS Word	PDF
63-5DE-5	Existing Stokers, Sloped Grate or Other, Designed to Burn Wet Biomass	DDDDD	MS Word	PDF
63-5DE-6	Existing Fluidized Bed Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word	PDF
63-5DE-7	Existing Suspension Burner Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word	PDF
63-5DE-8	Existing Fuel Cell Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word	PDF
63-5DE-9	Existing Hybrid Suspension Grate Burners Designed to Burn Wet Biomass and Bio-Based Solid Fuel	DDDDD	MS Word	PDF
63-5DE-10	Existing Dutch Oven Pile Burner Designed to Burn Biomass or Bio-Based Solid Fuel	DDDDD	MS Word	PDF
63-5DE-11	Existing Fluidized Bed Coal/Solid Fossil Fuel	DDDDD	MS Word	PDF
63-5DE-12	Existing Fluidized Bed with an Integrated Heat Exchanger Coal/Solid Fossil Fuel	DDDDD	MS Word	PDF
63-5DE-13	Existing Pulverized Coal/Solid Fossil Fuel	DDDDD	MS Word	PDF
63-5DE-14	Existing or New Boiler Process Heater Small Unit	DDDDD	MS Word	PDF
63-5DE-15	Existing Stoker Coal/Solid Fossil Fuel	DDDDD	MS Word	PDF
63-5DE-16	Existing Metal Process Furnaces	DDDDD	MS Word	PDF
63-5DA-1	Appendix – 40 CFR Part 63, Subpart DDDDD Emissions Averaging for Existing Sources	*Currently Being Updated*		
63-5DA-2	Appendix – 40 CFR Part 63, Subpart DDDDD Energy Assessment /Use of Credits	*Currently Being Updated*		

Template ID No	Industrial, Commercial, and Institutional Boilers EXISTING Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ			
	TEMPLATE INSTRUCTIONS		MS Word	PDF
		Subpart	**Files**	
63-6JE-1	Existing Limited-Use Boiler	JJJJJJ	MS Word	PDF
63-6JE-2	Existing Small Oxygen Trim Boiler	JJJJJJ	MS Word	PDF
63-6JE-3	Existing Small Seasonal Boiler	JJJJJJ	MS Word	PDF
63-6JE-4	Existing Small Coal Boiler	JJJJJJ	MS Word	PDF
63-6JE-5	Existing Small Biomass Boiler	JJJJJJ	MS Word	PDF
63-6JE-6	Existing Small Oil Boiler	JJJJJJ	MS Word	PDF
63-6JE-7	Existing Extra Small Oil Boiler	JJJJJJ	MS Word	PDF
63-6JE-8	Existing Large Seasonal Boiler	JJJJJJ	MS Word	PDF
63-6JE-9	Existing Large Coal Boiler	JJJJJJ	MS Word	PDF
63-6JE-10	Existing Large Biomass Boiler	JJJJJJ	MS Word	PDF
63-6JE-11	Existing Large Biomass Oxygen Trim	JJJJJJ	MS Word	PDF
63-6JE-12	Existing Large Oil Boiler	JJJJJJ	MS Word	PDF
63-6JE-13	Existing Large Oil Oxygen Trim Boiler	JJJJJJ	MS Word	PDF

Template ID No	Industrial, Commercial, and Industrial Boilers NEW Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ			
	TEMPLATE INSTRUCTIONS		MS Word	PDF
		Subpart	**Files**	
63-6JN-1	New Limited-Use Boiler	JJJJJJ	MS Word	PDF
63-6JN-2	New Small Area Oxygen Trim Boiler	JJJJJJ	MS Word	PDF
63-6JN-3	New Small Seasonal Boiler	JJJJJJ	MS Word	PDF
63-6JN-4	New Small Coal Boiler	JJJJJJ	MS Word	PDF
63-6JN-5	New Small Biomass Boiler	JJJJJJ	MS Word	PDF
63-6JN-6	New Small Oil Boiler	JJJJJJ	MS Word	PDF
63-6JN-7	New Extra Small Oil Boiler	JJJJJJ	MS Word	PDF
63-6JN-8	New Large Seasonal Boiler	JJJJJJ	MS Word	PDF
63-6JN-9	New Large Coal Boiler	JJJJJJ	MS Word	PDF
63-6JN-10	New Extra Large Coal Boiler	JJJJJJ	MS Word	PDF
63-6JN-11	New Large Biomass Boiler	JJJJJJ	MS Word	PDF
63-6JN-12	New Large Biomass Oxygen Trim Boiler	JJJJJJ	MS Word	PDF
63-6JN-13	New Large Oil Boiler	JJJJJJ	MS Word	PDF
63-6JN-14	New Large Oil Oxygen Trim Boiler	JJJJJJ	MS Word	PDF

Template ID No	Industrial, Commercial, and Industrial Boilers NEW Area Source MACT Standard 40 CFR Part 63, Subpart JJJJJJ			
6JN-15	New Extra Large Biomass Oxygen Trim Boiler	JJJJJJ	MS Word	PDF
6JN-16	New Extra Large Biomass Boiler	JJJJJJ	MS Word	PDF