

# Section 112(j) "MACT Hammer"

**10-Yr Maximum Achievable Control Technology (MACT) Standards that were not promulgated before Section 112(j) "MACT Hammer Date" - May 15, 2002**

**Submit Part 2 MACT Application for specified source category by specified deadlines, unless the EPA promulgates the MACT standards prior to the specified deadlines.**

S.No.	Name of the MACT Source Category	Subpart	Federal Register Publication of Proposed Regulation
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## Part 2 MACT Applications Required by May 15, 2003

1	Flexible Polyurethane Foam Fabrication Operations	MMMMM	66 FR 41718, 08-08-2001
2	Coke Ovens; pushing, quenching & battery stacks	CCCCC	66 FR 35325, 07-03-2001
3	Reinforced Plastic Composites Production	WWWWW	66 FR 40324, 08-02-2001
4	Semiconductor Manufacturing	BBBBB	67 FR 30848, 05-08-2002
5	Refractories Products Manufacturing (Includes Chromium Refractories Production)	SSSSS	67 FR 42108, 06-20-2002
6	Brick and Structural Clay Products, Clay Ceramics Mfg. (two subcategories of clay pr.)	JJJJ/KKKKK	67 FR 47893, 07-22-2002
7	Asphalt Roofing & Asphalt Processing (two source categories)	LLLLL	66 FR 58609, 11-21-2001
8	Integrated Iron and Steel Manufacturing	FFFFF	66 FR 36836, 07-13-2001
9	Hydrochloric Acid Production/Fumed Silica <sup>a</sup>	NNNNN	66 FR 48174, 09-18-2001
10	Engine Test Cells/Stands (two source categories)	PPPPP	67 FR 34547, 05-14-2002
11	Metal Furniture	RRRRR	67 FR 20206, 04-24-2002
12	Printing, Coating and Dying of Fabrics & other Textiles	OOOOO	67 FR 46028, 07-11-2002
13	Wood Building Products	QQQQQ	67 FR 42400, 06-02-2002

## Part 2 MACT Applications Required by October 30, 2003

14	Combustion Turbines	YYYYY	Signed by Adm. On 11-26-2002
15	Lime Manufacturing	AAAAA	Signed by Adm. On 11-26-2002
16	Site Remediation	GGGGG	67-FR 49397, 07-30-2002
17	Iron Foundries	EEEEEE	Signed by Adm. On 11-26-2002
18	Taconite Iron Ore Manufacturing	RRRRR	Signed by Adm. On 11-26-2002
19	Miscellaneous Organic Chemical & Misc. Coating Manufacturing <sup>b</sup>	FFFF/HHHHH	67 FR 16154, 04-04-2002
20	Organic Liquids Distribution (non-gas)	EEEE	67-FR 15674, 04-02-2002
21	Primary Magnesium Refining	TTTTT	Signed by Adm. On 11-26-2002
22	Metal Can (Surface Coating)	KKKK	Signed by Adm. On 11-26-2002
23	Plastic Parts and Products (Surface Coating)	PPPP	67 FR 72275, 12-04-2002
24	Mercury Cell Chlor-Alkali Plants, Formerly Chlorine Production	IIIII	67 FR 44671, 07-03-2002
25	Miscellaneous Metal Parts & Products (two source categories)	MMMM	67 FR 52780, 08-13-2002

## Part 2 MACT Applications Required by April 28, 2004

26	Automobile & Light Duty Truck Manufacturing	IIIII	Signed by Adm. On 11-26-2002
27	Industrial, Comm.& Institutional Boilers & Process Heaters <sup>c</sup>	DDDDD	Signed by Adm. On 11-26-2002
28	Plywood & Composite Wood Products	DDDD	Signed by Adm. On 11-26-2002
29	Reciprocating Internal Combustion Engines	ZZZZ	Signed by Adm. On 11-26-2002

## Part 2 MACT Applications Required by August 13, 2005

30	Industrial, Comm.& Institutional Boilers & Process Heaters <sup>d</sup>	DDDDD	Signed by Adm. On 11-26-2002
31	Hydrochloric Acid Production <sup>e</sup>	NNNNN	66 FR 48174, 09-18-2001

<sup>a</sup> Includes all sources within the category Hydrochloric Acid Production that burns no hazardous waste, and all other sources in the category Fumed Silica.

<sup>b</sup>Covers 23 source categories, listed below.

<sup>c</sup>Includes all sources in the three categories, Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters that burn no hazardous waste.

<sup>d</sup>Includes all sources in the three categories, Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters that burn hazardous waste.

	<b>*Includes furnaces that produce acid from hazardous waste at sources in the category Hydrochloric Acid prod.</b>
	<b>Note:</b>
	<b>Paper &amp; Other Web Coating (Subpart JJJJ)[67 FR 72329, 12-04-2002], and Municipal Solid Waste Landfills (Subpart AAAA) signed on 11-26-2002, Final</b>
<b>Miscellaneous Organic NESHAP (23 source categories)</b>	
i.	Alkyd Resins Production
ii.	Benzyltrimethylammonium Chloride Production
iii.	Carbonyl Sulfide Production
iv.	Chlorinated Paraffins Production
v.	Chelating Agents Production
vi.	Ethylidene Norbornene Production
vii.	Explosives Production
viii.	Hydrazine Production
ix.	Maleic Anhydride Copolymers Production
x.	Manufacture of Paints, Coatings, and Adhesives
xi.	OBPA/1,3-diisocyanate Production
xii.	Photographic Chemicals Production
xiii.	Phthalate Plasticizers Production
xiv.	Polyester Resins Production
xv.	Polymerized Vinylidene Chloride Production
xvi.	Ammonium Sulfate Production
xvii.	Polymethyl Methacrylate resins Production
xviii.	Polyvinyl Acetate Emulsions Production
xix.	Polyvinyl Alcohol Production
xx.	Polyvinyl Butyral Production
xxi.	Quaternary Ammonium Comp. Production
xxii.	Rubber Chemicals Production
xxiii.	Symmetrical Tetrachloropyridine Production

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