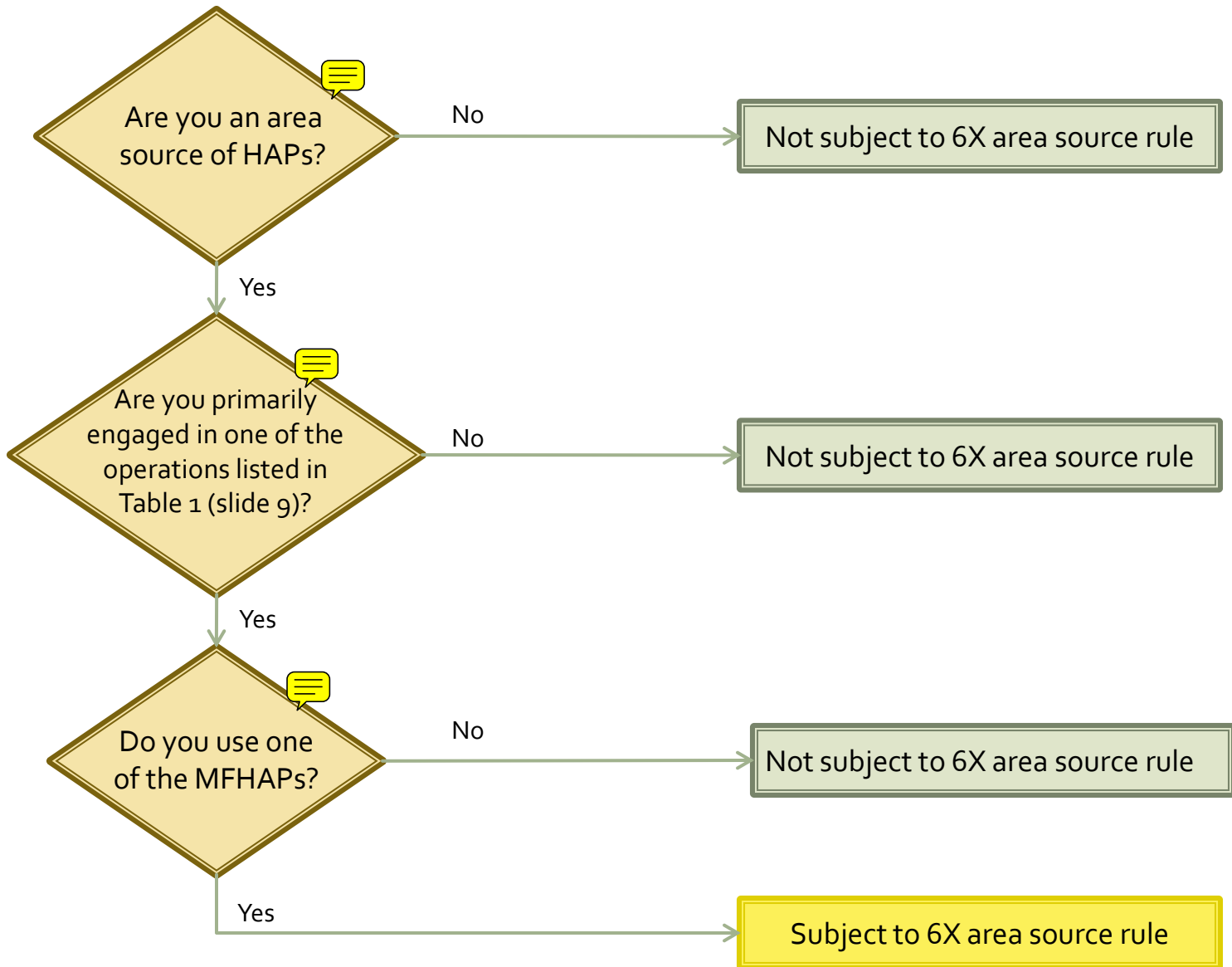


Applicability Determination Flow Chart



Affected Area Sources

Facilities that are *primarily engaged* in one of the following source categories:

- (1) Electrical and Electronic Equipment Finishing Operations
- (2) Fabricated Metal Products
- (3) Fabricated Plate Work (Boiler Shops)
- (4) Fabricated Structural Metal Manufacturing
- (5) Heating Equipment, except Electric
- (6) Industrial Machinery and Equipment Finishing Operations
- (7) Iron and Steel Forging
- (8) Primary Metal Products Manufacturing
- (9) Valves and Pipe Fittings

Affected Area Sources

Table 1 – Regulated Categories and Entities Potentially Affected

	SIC Code Description	SIC Code	NAICS Code	NAICS Description
1	Motors and Generators Manufacturing	3621	335312	Motor and Generator Manufacturing
	Electrical Machinery, Equipment, & Supplies, NEC	3699	335999	All Other Misc. Electrical Equipment & Component Mftg
2	Fabricated Metal Products, NEC	3499	332117	Powder Metallurgy Part Manufacturing
	Fabricated Metal Products, NEC	3499	332999	All Other Miscellaneous Fabricated Metal Product Mftg
3	Fabricated Plate Work and Boiler Shops	3443	332313	Plate Work Manufacturing
	Fabricated Plate Work and Boiler Shops	3443	332410	Power Boiler and Heat Exchanger Manufacturing
	Fabricated Plate Work and Boiler Shops	3443	332420	Metal Tank (Heavy Gauge) Manufacturing
4	Fabricated Structural Metal Fabrication	3441	332312	Fabricated Structural Metal Manufacturing
5	Heating Equipment, except Electric	3433	333414	Heating Equipment (except Warm Air Furnaces) Mftg
6	Construction Machinery Manufacturing	3531	333120	Construction Machinery Manufacturing
	Oil and Gas Field Machinery Equipment Mftng	3533	333132	Oil and Gas Field Machinery and Equipment Mftg
	Pumps and Pumping Equipment Mftng	3561	333911	Pump and Pumping Equipment Manufacturing
7	Iron and Steel Forging	3462	332111	Iron and Steel Forging
8	Primary Metals Products Manufacturing	3399	332618	Other Fabricated Wire Product Manufacturing
9	Valves and Pipe Fittings, NEC	3494	332919	Other Metal Valve and Pipe Fitting Manufacturing

Important Definitions

- *Primarily engaged*– the manufacturing, fabricating, or forging of one or more products listed in one of the nine metal fabrication and finishing source category descriptions in Table 1 [of the rule] where this production represents at least 50% of the production at a facility, and where production quantities are established by the volume, linear foot, square foot, or other value suited to the specific industry.

Important Definitions

- *MFHAP*— metal fabrication and finishing hazardous air pollutant—any compound of the following metals: cadmium, chromium, lead, manganese, or nickel, or any of these metals in the elemental form, with the exception of lead.

Target HAPs

- Compounds of Cd, Cr, Pb, Mn, or Ni (or any of these in elemental form except Pb)
- Present in amounts $\geq 0.1\%$ by weight of the metal for OSHA-defined carcinogens (Cd, Cr, Pb, or Ni)
- Present in amounts $\geq 1.0\%$ by weight of the metal for non-carcinogens (Mn)

Sources NOT Affected

- Research or laboratory facilities
- Tool or equipment repair operations
- Facility maintenance activities
- Quality control activities

Sources NOT Affected (cont.)

- Operations performed at installations owned or operated by U.S. Armed Forces, NASA, or National Nuclear Security Administration
- Operations that produce military munitions manufactured by or for the U.S. Armed Forces, or equipment directly and exclusively used for the purposes of transporting military munitions