

Nebraska Department of Water, Energy, and Environment

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Air Toxics Notebook

Aerospace Manufacturing and Rework Industry

eCFR 40 CFR Part 63 Subpart GG

40 CFR Part 63 Subpart GG	Aerospace Manufacturing and Rework Industry
Amendment Dates	11/19/2020 08/03/2016 12/07/2015 02/27/2014 04/20/2006 06/23/2003 12/08/2000 10/17/2000 09/01/1998 03/27/1998 12/17/1996 09/01/1996 02/09/1996
Am I Subject to this subpart?	I. This subpart applies to: (A) Affected sources that are engaged, either in part or in whole, in the manufacture or rework of commercial, civil, or military aerospace vehicles or components, and that are Major Sources of HAPs*. (B) Affected sources: (1) Cleaning operations, including all hand-wipe, spray gun, and flush cleaning operations; (2) For organic HAP or VOC emissions: (i) Primer application operations; (ii) Topcoat application operations; (iii) Specialty coating application operations; (iv) Depainting operations; (3) Chemical milling maskant application operations; (4) Waste storage and handling operations; (5) For inorganic HAP emissions: (i) Spray booths;

	(ii) Portable enclosures (iii) Hangers which contain a primer, topcoat, or specialty coating application operation subject to §63.745(g), or a depainting operation subject to §63.746(b)(4). *Major Sources of HAPs emit or have the potential to emit: (1) ≥ 10 tons/year of any single HAP; or (2) ≥ 25 tons/year of total HAPs. Area Sources emit less than Major Sources. II. Exemptions to this subpart: (A) Research and development; (B) Quality control; (C) Laboratory testing activities (D) Chemical milling; (E) Metal finishing; (F) Electrodeposition (i) except for paint; (G) Composites processing (i) except for cleaning and coating of composite parts or components that become part of an aerospace vehicle or component as well as composite tooling that comes in contact with such composite parts or components prior to cure; (H) Electronic parts and assemblies (i) except for cleaning and top coating of completed assemblies; (I) Manufacture of aircraft transparencies; (J) Wastewater operations at aerospace facilities; (K) The rework of aircraft or aircraft components; (i) if the holder of the Federal Aviation Administration (FAA) design approval, or the holder's licensee, is not actively manufacturing the aircraft or aircraft components; (L) Parts and assemblies not critical to the vehicle's structural integrity or flight performance; (M) Primers, topcoats, specialty coatings, chemical milling maskants, strippers, and cleaning solvents that meet the definition of non-HAP material as determined from manufacturer's representations; (N) Primers, topcoats, and specialty coatings that meet the definition of "classified national security information" in §63.742. III. Partial Exemptions: (A) Primers, topcoats, specialty coatings, and chemical milling maskants in §§63.745 and 63.747 do not apply
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	to the use of low-volume coatings in these categories for which the annual total of each separate formulation used at a facility does not exceed 189 l (50 gal), and the combined annual total of all such primers, topcoats, specialty coatings, and chemical milling maskants used at a facility does not exceed 757 l (200 gal). (B) Primers, topcoats, and specialty coatings exempted under paragraph (f) of this section and under §63.745(f)(3) and (g)(4) are not included in the 50 and 200 gal limits. (C) Chemical milling maskants exempted under §63.747(c)(3) are also not included in these limits.
Related Rules	NESHAP – 40 CFR Part 63 Subpart MMMM - Misc. Metal Parts and Products Subpart PPPP - Plastic Parts and Products Subpart WWWW - Reinforced Plastic Composites Manufacturing Subpart HHHHHH - Paint Stripping and Misc. Surface Coating (Area Sources) Subpart XXXXXX - Metal Fabrication (Area Sources)
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