

Application for Approval of Construction or Reconstruction

THIS IS A SAMPLE NOTIFICATION FORM, WHICH CAN BE USED BY FACILITIES AT THEIR DISCRETION TO MEET COMPLIANCE WITH 40 CFR 63 Subpart A, §63.5(d) and 63.9(b)(5)

Applicable Rule: 40 CFR Part 63, Subpart A — National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A — General Provisions. Notification is being made in accordance with §63.5(d).

NOTE: Applications for construction or reconstruction are due as soon as practicable before actual construction or reconstruction begins. The owner or operator may submit the application for approval well in advance of the date construction or reconstruction is planned to commence in order to ensure a timely review by the Administrator and that the planned commencement date will not be delayed.

Sources may also use this application for approval of construction or reconstruction to fulfill the initial notification requirement under §63.9(b)(5). (§63.5(d)(1)(ii))

The Administrator will make notification in writing of approval or intent to deny approval of construction or reconstruction within 60 calendar days after receipt of sufficient information to evaluate an application. (§63.5(e)(2)(i))

**SECTION I
GENERAL INFORMATION**

A. Print or type the following information for each affected source you are constructing or reconstructing (*you must submit a **separate** application for each **separate** construction or reconstruction*). (§63.5(d)(1)(ii), §63.9(b)(2))

Operating Permit Number (OPTIONAL)		Facility I.D. Number (OPTIONAL)	
Responsible Official's Name/Title			
Street Address			
City		State	ZIP Code
Facility Name (if different from Responsible Official's Name)			
Facility Street Address (If different than Responsible Official's Street Address)			
Facility Local Contact Name		Title	Phone (OPTIONAL)
City		State	ZIP Code

B. Check the box that applies: (§63.9(b)(2)(v))

- My facility is a major source of hazardous air pollutants (HAPs)
- My facility is an area source of HAPs

NOTE: A major source is a facility that emits or has the potential to emit greater than 10 tons per year of any one HAP or 25 tons per year of multiple HAPs. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line, not just inside the facility itself.

C. Are you using this application to satisfy initial notification requirements for new and reconstructed sources under §63.9(b)(4) or (5)? (§63.9(b)(1)(iii))

- Yes
- No

NOTE: In addition to this notification requirement, sources subject to the provisions under §63.9(b)(4) or (5) must also make separate notification of the actual date of startup of the affected source within 15 calendar days of actual startup. (§63.9(b)(4)(v), §63.9(b)(5)(ii))

D. Indicate the relevant standard or other requirement that is the basis for this notification: (§63.5(d)(1)(ii)(D))

Basis for this notification (*relevant standard or other requirement*)

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E. Indicate whether you intend to: (§63.5(d)(1)(ii)(B); §63.9(b)(4)(i); §63.9(b)(5)(i))

- construct a new major affected source
- reconstruct a major affected source
- reconstruct a source that becomes a major affected source after reconstruction

NOTE: After the effective date of any relevant standard, equipment added (or a process change) to an affected source that is within the scope of the definition of affected source under the relevant standard shall be considered part of the affected source and subject to all provisions of the relevant standard established for that affected source. (§63.5(b)(6))

F. Will this new or reconstructed source be a **major-emitting** affected source when considered in isolation from other HAP emission points inside the facility fence line (i.e., is it an affected source that is major in-and-of itself)? (§63.9(b)(4)(i))

- Yes
- No

G. If your new or reconstructed affected source is **not major-emitting**, then complete SECTION II and III. (§63.5(b)(4)).

NOTE: If you answered "No" to section C, complete SECTION II only and attach an Initial Notification form instead of submitting SECTION III.

If your new or reconstructed affected source is **major-emitting**, then complete SECTION II and IV. (§63.5(b)(3))

SECTION II

CERTIFICATION (Note: you may edit the text in this section as deemed appropriate)

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
Signature of Responsible Official		

Note: Responsible official is defined under §63.2 as any of the following: the president, vice-president, secretary, or treasurer of the company that owns the plant; the owner of the plant; the plant engineer or supervisor; a government official if the plant is owned by the Federal, State, city, or county government; or a ranking military officer if the plant is located on a military installation.

If you submit estimates or preliminary information in place of actual emissions data and analysis, submit actual, measured emission data or other correct information as soon as available but no later than with the notification of compliance status required in §63.9(h). (§63.5(d)(1)(iii), §63.9(i))

SECTION III

NEW OR RECONSTRUCTED NON-MAJOR-EMITTING SOURCE DESCRIPTION (Note: Complete this section **only** if you are constructing a new affected source that is **not major-emitting** or reconstructing an affected source that is not major-emitting after reconstruction. If not, go to Section IV).

A. Briefly describe the nature, size, design, and method of operation of the source. (63.9(b)(2)(iv))

<p>Sample Response:</p> <p>This facility is responsible for the maintenance, repair, and rework of military and commercial aircraft. The facility occupies approximately 1500 acres and contains 12 maintenance shops and one aircraft hangar where aircraft cleaning, painting, priming, depainting, and chemical milling maskant operations are performed. All painting, priming, and milling maskant operations, except for minor touch-up operations, are performed in enclosed areas where dry particulate filters are utilized. Depainting of aircraft parts is performed using plastic media blasting where emissions are controlled by the use of HEPA filters. Depainting of parts not normally removed from the aircraft are performed using mechanical or hand sanding. Minor amounts of chemical stripping may be performed in areas where mechanical or hand sanding is not feasible. Approximately 65% of HAP emissions from this plant come from painting and priming operations; 5% from chemical milling maskant operations; 25% from cleaning operations; and 5% from depainting operations. The facility is capable of operating 24 hours per day, 365 days per year but currently operates 16 hours per day (two 8 hour shifts). Approximately 181 aircraft are maintained per year, however, the plant can accommodate up to 300 aircraft per year for maintenance and repair. Approximately 60% of the work performed at this location involves minor maintenance and repair of internal and external aircraft parts. Approximately 30% involve major rework of the aircraft exterior.</p>
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B. Briefly describe the types of emission points within the affected source and the types of hazardous air pollutants emitted. (§63.9(b)(2)(iv))

Types of Emission Points

Sample Response:

Emission points at this facility include aircraft hangars where aircraft are sanded mechanically and by hand and/or hand-wiped after sanding operations; paint shops with walk-in paint booths used for primer and topcoat application; paint shops and hangars with enclosed spray gun cleaning areas; depaint shops with walk-in contained booths used for plastic media blasting; aircraft hangars used for chemical milling maskant application; and hangars used for waste handling and storage.

Types of HAPs Emitted

Sample Response:

HAPs emitted at this facility include toluene, xylene, xylene (mixed) MEK, ethylbenzene, methylene chloride, phenol, epichlorohydrin, ethylbenzene, formaldehyde, glycol ethers, methanol, MIBK, cadmium compounds, and lead.

END OF FORM for new or reconstructed non-major-emitting affected sources.

SECTION IV

NEW OR RECONSTRUCTED MAJOR-EMITTING SOURCE DESCRIPTION (Note: Complete this section **only** if you are constructing a new **major-emitting** affected source or reconstructing an affected source that becomes major-emitting after reconstruction)

A. Indicate the date you expect to begin construction or reconstruction: (§63.5(d)(1)(ii)(E))

Construction or reconstruction start date (mm/dd/yy)

B. Indicate the date you expect to complete construction or reconstruction: (§63.5(d)(1)(ii)(F))

Construction or reconstruction completion date (mm/dd/yy)

C. Indicate the date you expect (initial) startup of the affected source: (OPTIONAL)

Affected source startup date (mm/dd/yy)

D. Proceed to **SECTION V** if your major-emitting source is a new affected source. Proceed to **SECTION VI** if your major-emitting source is a reconstructed affected source.

SECTION V

NEW MAJOR-EMITTING CONSTRUCTION SOURCE DESCRIPTION (Note: Complete this section **only** if you are **constructing** a new **major-emitting** affected source. If not, go to Section VI).

A. Briefly describe the nature, size, design, and method of operation of the source. (§63.5(d)(2))

Sample Response:

This facility is responsible for the maintenance, repair, and rework of military and commercial aircraft. The facility occupies approximately 1500 acres and contains 12 maintenance shops and one aircraft hangar where aircraft cleaning, painting, priming, depainting, and chemical milling maskant operations are performed. All painting, priming, and milling maskant operations, except for minor touch-up operations, are performed in enclosed areas where dry particulate filters are utilized. Depainting of aircraft parts is performed using plastic media blasting where emissions are controlled by the use of HEPA filters. Depainting of parts not normally removed from the aircraft are performed using mechanical or hand sanding. Minor amounts of chemical stripping may be performed in areas where mechanical or hand sanding is not feasible. Approximately 65% of HAP emissions from this plant come from painting and priming operations; 5% from chemical milling maskant operations; 25% from cleaning operations; and 5% from depainting operations. The facility is capable of operating 24 hours per day, 365 days per year but currently operates 16 hours per day (two 8 hour shifts). Approximately 181 aircraft are maintained per year, however, the plant can accommodate up to 300 aircraft per year for maintenance and repair. Approximately 60% of the work performed at this location involves minor maintenance and repair of internal and external aircraft parts. Approximately 30% involve major rework of the aircraft exterior.

B. Identify the type and quantity of hazardous air pollutants emitted (or reasonably anticipated to be emitted) by the new affected source after construction, the pollution control equipment you intend to use, if any, and its control efficiency. If you cannot do this definitively, please provide a preliminary identification. (§63.5(d)(1)(ii)(H); §63.5(d)(2))

Please indicate if the information provided below is: Definitive Preliminary

Note: If you submit a preliminary identification, you must submit actual data as soon as practical after it becomes available, but no later than with your notification of compliance status required under (§63.9(h)). (§63.5(d)(1)(iii))

Source ID: Hangar 2				
Emission Point ID <i>(if applicable)</i>	HAPs Emitted	Emissions (tons units ¹)	Air Pollution Control Device <i>(if applicable)</i>	Control Efficiency of Control Device <i>(percent)</i>
PAINT-1	Epichlorohydrin; ethylbenzene; formaldehyde; MEK; MIBK; toluene	2.036	Carbon adsorber	90
PAINT-2	Cadmium compounds	0.001	Dry particulate filters (2-stage)	95

¹Use the same units, percent reductions, or averaging times that are required in the relevant standard. Include operating parameters, such as flow-rate, to the extent that they demonstrate performance and compliance.

Note: Include with your submittal any technical information such as calculations you made to determine your estimated emissions.

SECTION VI
RECONSTRUCTED SOURCE DESCRIPTION *(Note: Complete this section **only** if you are **reconstructing** an existing affected source that becomes a **major-emitting** affected source after reconstruction. **If not, end of form**).*

A. Briefly describe the affected source and the type of components that you are replacing.
 (§63.5(d)(3)(i))

Sample Response:

This facility is responsible for the maintenance, repair, and rework of military and commercial aircraft. The facility occupies approximately 1500 acres and contains 12 maintenance shops and one aircraft hangar where aircraft cleaning, painting, priming, depainting, and chemical milling maskant operations are performed. All painting, priming, and milling maskant operations, except for minor touch-up operations, are performed in enclosed areas where dry particulate filters are utilized. Depainting of aircraft parts is performed using plastic media blasting where emissions are controlled by the use of HEPA filters. Depainting of parts not normally removed from the aircraft are performed using mechanical or hand sanding. Minor amounts of chemical stripping may be performed in areas where mechanical or hand sanding is not feasible. Approximately 60% of the work performed at this location involves minor maintenance and repair of internal and external aircraft parts. Approximately 30% involve major rework of the aircraft exterior. For this reconstruction project, an additional plastic media blasting booth will be installed in the Paint Shop in Building 510.

B. Identify the type and quantity of hazardous air pollutants emitted (or reasonably anticipated to be emitted) by the affected source after reconstruction, the pollution control equipment you

currently use and/or intend to use, if any, and its control efficiency. If you cannot do this definitively, please provide a preliminary identification. (§63.5(d)(1)(ii)(H); §63.5(d)(3)(ii))

Please indicate if the information provided below is: Definitive Preliminary

Note: If you submit a preliminary identification, you must submit actual data as soon as practical after it becomes available, but no later than with your notification of compliance status required under (§63.9(h)). (§63.5(d)(1)(iii))

Source ID: Building 510					
Emission Point ID (if applicable)	HAPs Emitted	Emissions (tons units ¹)	Air Pollution Control Device Currently Used (if applicable)	Planned Air Pollution Control Device (if applicable)	Control Efficiency of Control Device (percent)
PAINT-3	Cadmium compounds	0.010	N/A	Dry particulate filters (HEPA, cylinder type)	95

¹Use the same units, percent reductions, or averaging times that are required in the relevant standard. Include operating parameters, such as flow-rate, to the extent that they demonstrate performance and compliance.

Note: Include with your submittal any technical information such as calculations you made to determine your estimated emissions.

C. Describe any economic or technical limitations you will have in complying with this subpart after reconstruction. Include what your economic or technical limitations will be, how they affect your compliance under this subpart, what subparts will be affected, and what alternate methods of compliance you will use (*Note: If you will have **no** economic or technical limitations after reconstruction, **end of form***). (§63.5(d)(3)(v), (vi))

<p>Sample Response:</p> <p>This facility will have no economic or technical limitations in complying with this subpart after reconstruction.</p>
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D. Indicate the estimated amounts of fixed capital costs for reconstructing the affected source. (§63.5(d)(3)(iii))

Estimated fixed capital cost to reconstruct the affected source

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E. If you were to forego reconstruction and construct an entirely new affected source comparable to the one you are reconstructing, indicate the fixed capital costs of this new construction. (§63.5(d)(3)(iii))

Estimated fixed capital cost to construct an entirely new comparable affected source

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F. Indicate the estimated service life (in years) of the affected source after reconstruction.
 (§63.5(d)(3)(iv))

Estimated life of the affected source after reconstruction (years)

END OF FORM for new or reconstructed major-emitting affected sources. ***A Responsible Official must sign this form – See Section II.***