



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

FG-001

INSTRUCTIONS FOR COMPLETING THE FLEXIBLE GROUP FORM

Flexible Group Form FG-001 may be completed to define any group that is created for simplification of assigning regulations (e.g., stack parameters, emission limits, opacity limits, operational parameters, etc.) or for reasonable anticipated operational scenarios pursuant to Rule 213(8). Flexible groups may include emission units that have identical applicable requirements for controls, monitoring, etc. Any emission unit listed in a flexible group must be previously identified on the appropriate form and have an Operator's ID. Flexible groups created as part of a Renewable Operating (RO) Permit can be created by the stationary source or the Air Quality Division (AQD) and are fixed for the term of the permit. Examples of flexible groups include:

- Multiple coating lines with one emission limit, or multiple lines each with the same limit.

Coating Line 1 and Line 2 have a Permit to Install condition – The mass volatile organic compound (VOC) emission from Line 1 and Line 2, hereinafter process, shall not exceed 130.0 tons per year, based upon a 12-month rolling time period as determined at the end of each calendar month.

- Multiple automotive plastic parts coating lines subject to Rule 632.

For non-red and black air-dried coatings as applied in Coating Line 1 and Line 2, 5.0 pounds per gallon of coating (minus water) as applied, based upon a calendar day averaging time period as determined at the end of each calendar day.

- Multiple emission units with common stack parameters or short-term emission limits.

Coating Line 1, 2, 3, 4 and an adhesive application process have a Permit to Install condition – The exhaust gases from Coating Line 1, 2, 3, 4 and the adhesive application process shall be discharged unobstructed vertically upwards to the ambient air from each stack having a maximum effective diameter of 55 inches and at exit points not less than 33 feet above ground level.

- Three 30 million Btu/hr natural gas boilers subject to New Source Performance Standard (NSPS), 40 CFR Part 60, Subpart Dc.
- Multiple trichloroethylene solvent cleaning tanks subject to the Halogenated Solvent Cleaning National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63, Subpart T.

Source-Wide Requirements – Do **not** use this form to include source-wide requirements. Go directly to the Applicable Requirement form (AR-001) and follow instructions for reporting source-wide requirements.

FORM COMPLETION

SRN – Enter the State Registration Number (SRN) assigned to the stationary source.

Flexible Group Identification

Change: Change or modify the flexible group in the RO Permit.

Add: Add a flexible group to the RO Permit.

Delete: Delete the flexible group from the RO Permit. Complete AI-001 to provide justification for deleting the flexible group. If this box is checked, do not fill out the remaining items of this form.

1. **AQD Flexible Group ID** – Provide the AQD Flexible Group ID from the RO Permit Source Summary Report. Leave blank if an AQD Flexible Group ID does not exist on the RO Permit Source Summary Report.
2. **Operator's Flexible Group ID**
 - a. Initial Submittal Only - Create an operator's ID for the flexible group. See General Instructions for details on creating an ID.
 - b. All other Submittals (i.e. Renewals and Modifications) – If a Flexible Group ID exists from either an initial submittal or a previously issued RO Permit, use that Flexible Group ID. Create a Flexible Group ID for all new Flexible Groups.
3. **Operator's Flexible Group Description** – Provide a brief description of the flexible group and the basis for creating this group. If the Operator's Flexible Group Identification change box is checked, provide a description of what has changed (e.g., stack heights, prime coat booths subject to R336.1632, Metal Furniture Coating NSPS, 40 CFR Part 60 Subpart EE, Chromium NESHAP, 40 CFR Part 63 Subpart N.).
4. **Operator's Emission Unit ID** – Provide the IDs of all items in the flexible group. For example, if all the topcoat lines are grouped for an emission limit, list the Operator's Emission Unit IDs for each topcoat line. If more than 40 IDs are required for the flexible group, repeat the Operator's Flexible Group ID and description on additional FG-001 forms and continue listing the IDs. Check the add box if this emission unit should be added to this group. Check the delete box if this emission unit should be removed from this group.
5. **Operator's Additional Information ID** – Provide the ID created on the associated Additional Information form (AI-001) for any additional information or attachments that supplement this form. Refer to AI-001 instructions to create the ID. If the additional information or attachment is more than one page, label each page to show the relationship between pages.