

**Environmental Protection Agency**

**Pt. 63, Subpt. WWWW, Table 8**

<sup>2</sup>If the centrifugal casting molds are not vented, the facility may treat the centrifugal casting operations as if they were vented if they wish to use this compliance option.

<sup>3</sup>Nonatomized mechanical application must be used.

[70 FR 50133, Aug. 25, 2005]

**TABLE 8 TO SUBPART WWWW OF PART 63—INITIAL COMPLIANCE WITH ORGANIC HAP EMISSIONS LIMITS**

As specified in §63.5860(a), you must demonstrate initial compliance with organic HAP emissions limits as specified in the following table:

| For . . .   | That must meet the following organic HAP emissions limit . . .   | You have demonstrated initial compliance if . . .   |
|---|--|---|
| 1. open molding and centrifugal casting operations.   | a. an organic HAP emissions limit shown in Tables 3 or 5 to this subpart, or an organic HAP content limit shown in Table 7 to this subpart.  | i. you have met the appropriate organic HAP emissions limits for these operations as calculated using the procedures in §63.5810 on a 12-month rolling average 1 year after the appropriate compliance date, and/or<br>ii. you demonstrate that any individual resins or gel coats not included in (i) above, as applied, meet their applicable emission limits, or<br>iii. you demonstrate using the appropriate values in Table 7 to this subpart that the weighted average of all resins and gel coats for each resin type and application method meet the appropriate organic HAP contents. |
| 2. open molding centrifugal casting, continuous lamination/casting, SMC and BMC manufacturing, and mixing operations. | a. reduce total organic HAP emissions by at least 95 percent by weight.  | total organic HAP emissions, based on the results of the capture efficiency and destruction efficiency testing specified in Table 6 to this subpart, are reduced by at least 95 percent by weight.  |
| 3. continuous lamination/casting operations.  | a. reduce total organic HAP emissions, by at least 58.5 weight percent, or<br><br>b. not exceed an organic HAP emissions limit of 15.7 lbs of organic HAP per ton of neat resin plus and neat gel coat plus. | total organic HAP emissions, based on the results of the capture efficiency and destruction efficiency in Table 6 to this subpart and the calculation procedures specified in §§ 63.5865 through 63.5890, are reduced by at least 58.5 percent by weight.<br><br>total organic HAP emissions, based on the results of the capture efficiency and destruction efficiency testing specified in Table 6 to this subpart and the calculation procedures specified in §§ 63.5865 through 63.5890, do not exceed 15.7 lbs of organic HAP per ton of neat resin plus and neat gel coat plus.           |
| 4. continuous lamination/casting operations.  | a. reduce total organic HAP emissions by at least 95 weight percent or<br><br>b. not exceed an organic HAP emissions limit of 1.47 lbs of organic HAP per ton of neat resin plus and neat gel coat plus.     | total organic HAP emissions, based on the results of the capture efficiency and destruction efficiency testing specified in Table 6 to this subpart and the calculation procedures specified in §§ 63.5865 through 63.5890, are reduced by at least 95 percent by weight<br><br>total organic HAP emissions, based on the results of the capture efficiency and destruction efficiency testing specified in Table 6 and the calculation procedures specified in §§ 63.5865 through 63.5890, do not exceed 1.47 lbs of organic HAP of per ton of neat resin plus and neat gel coat plus.         |

| For . . .                      | That must meet the following organic HAP emissions limit . . .          | You have demonstrated initial compliance if . . .  |
|--------------------------------|---|--|
| 5. pultrusion operations ..... | a. reduce total organic HAP emissions by at least 60 percent by weight. | i. total organic HAP emissions, based on the results of the capture efficiency and add-on control device destruction efficiency testing specified in Table 6 to this subpart, are reduced by at least 60 percent by weight, and/or<br>ii. as part of the notification of initial compliance status, the owner/operator submits a certified statement that all pultrusion lines not controlled with an add-on control device, but for which an emission reduction is being claimed, are using direct die injection, and/or wet-area enclosures that meet the criteria of § 63.5830. |
| 6. pultrusion operations ..... | a. reduce total organic HAP emissions by at least 95 percent by weight. | i. total organic HAP emissions, based on the results of the capture efficiency and add-on control device destruction efficiency testing specified in Table 6 to this subpart, are reduced by at least 95 percent by weight.  |

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TABLE 9 TO SUBPART WWWW OF PART 63—INITIAL COMPLIANCE WITH WORK PRACTICE STANDARDS

As specified in § 63.5860(a), you must demonstrate initial compliance with work practice standards as specified in the following table:

| For . . .  | That must meet the following standards . . .  | You have demonstrated initial compliance if . . .  |
|--|---|--|
| 1. a new or existing closed molding operation using compression/injection molding. | uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting. | the owner or operator submits a certified statement in the notice of compliance status that only one charge is uncovered, unwrapped, or exposed per mold cycle per compression/injection molding machine, or prior to the loader, hoppers are closed except when adding materials, and materials are recovered after slitting. |
| 2. a new or existing cleaning operation ...  | not use cleaning solvents that contain HAP, except that styrene may be used in closed systems, and organic HAP containing materials may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin between storage and applying resin to the mold or reinforcement.   | the owner or operator submits a certified statement in the notice of compliance status that all cleaning materials, except styrene contained in closed systems, or materials used to clean cured resin from application equipment, contain no HAP.   |
| 3. a new or existing materials HAP-containing materials storage operation.         | keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.  | the owner or operator submits a certified statement in the notice of compliance status that all HAP-containing storage containers are kept closed or covered except when adding or removing materials, and that any bulk storage tanks are vented only as necessary for safety.  |