

## 40 CFR Part 63, Subpart WWWW - Requirements Reference Tables

### Subpart WWWW Standards

- [§63.5790\(d\)](#) Military Exemption
- [§63.5805\(a\)\(1\)|1](#) Standard for existing affected source that emits 100 tpy or more of HAP from the combination of all centrifugal casting and continuous lamination/casting operations must reduce the total organic HAP emissions by at least 95 percent by weight
- [§63.5805\(a\)\(1\)-Table 5.7|1](#) Alternative Standard for existing affected source that emits 100 tpy or more of HAP with centrifugal casting – corrosion-resistant and/or high strength (CR/HS) operations using a vent system that moves heated air through the mold must meet the organic HAP emissions limit of 27 lb/ton
- [§63.5805\(a\)\(1\)-Table 5.7|2](#) Alternative Standard for existing affected source that emits 100 tpy or more of HAP with centrifugal casting - CR/HS operations using a vent system that moves ambient air through the mold must meet the organic HAP emissions limit of 2 lb/ton
- [§63.5805\(a\)\(1\)-Table 5.8|1](#) Alternative Standard for existing affected source that emits 100 tpy or more of HAP with centrifugal casting - non-corrosion-resistant and/or high strength (non-CR/HS) operations using a vent system that moves heated air through the mold must meet the organic HAP emissions limit of 21 lb/ton
- [§63.5805\(a\)\(1\)-Table 5.8|2](#) Alternative Standard for existing affected source that emits 100 tpy or more of HAP with centrifugal casting - non-CR/HS operations using a vent system that moves ambient air through the mold must meet the organic HAP emissions limit of 1 lb/ton
- [§63.5805\(a\)\(1\)|2](#) Alternative Standard for existing affected source that emits 100 tpy or more of HAP, with continuous lamination/casting operations may meet an organic HAP emissions limit of 1.47 lbs/ton of neat resin plus and neat gel coat plus applied
- [§63.5805\(a\)\(2\)-Table 3.7.a](#) Standard for existing affected source that emits less than 100 tpy of HAP, with centrifugal casting - CR/HS operations using a resin application with the mold closed and the mold is vented during spinning and cure must meet the organic HAP emissions limit of 25 lb/ton
- [§63.5805\(a\)\(2\)-Table 3.7.c](#) Standard for existing affected source that emits less than 100 tpy of HAP with centrifugal casting - CR/HS operations using a resin application with the mold open, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 25 lb/ton
- [§63.5805\(a\)\(2\)-Table 3.7.d](#) Standard for existing affected source that emits less than 100 tpy of HAP with centrifugal casting - CR/HS operations using a resin application with the mold open and the mold is not vented during spinning and cure must refer to Table 3, Footnote 5 to calculate emission factor/limit
- [§63.5805\(a\)\(2\)-Table 3.8.a](#) Standard for existing affected that emits less than 100 tpy of HAP with centrifugal casting - non-CR/HS operations using a resin application with the mold closed, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 20 lb/ton
- [§63.5805\(a\)\(2\)-Table 3.8.c](#) Standard for existing affected source that emits less than 100 tpy of HAP with centrifugal casting - non-CR/HS operations using a resin application with the mold open, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 20 lb/ton
- [§63.5805\(a\)\(2\)-Table 3.8.d](#) Standard for existing affected source that emits less than 100 tpy of HAP with centrifugal casting - non-CR/HS operations using a resin application with the mold open, and the mold is not vented during spinning and cure must refer to Table 3, Footnote 5, to calculate emission factor/limit

- [§63.5805\(a\)\(2\)-Table 3.10|1](#) Standard for existing affected source that emits less than 100 tpy of HAP with continuous lamination/casting operations must reduce the total organic HAP emissions by at least 58.5 weight percent
- [§63.5805\(a\)\(2\)-Table 3.10|2](#) Standard for existing affected source that emits less than 100 tpy of HAP with continuous lamination/casting operations must not exceed the organic HAP emissions limit of 15.7 lbs of organic HAP per ton of neat resin plus and neat gel coat plus applied
- [§63.5805\(b\)-Table 3.1.a](#) Standard for existing affected source with open molding - CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 113 lb/ton
- [§63.5805\(b\)-Table 3.1.b](#) Standard for existing affected source with open molding - CR/HS operations using filament resin application must meet the organic HAP emissions limit of 171 lb/ton
- [§63.5805\(b\)-Table 3.1.c](#) Standard for existing affected source with open molding - CR/HS operations using manual resin application must meet the organic HAP emissions limit of 123 lb/ton
- [§63.5805\(b\)-Table 3.2.a](#) Standard for existing affected source with open molding – non-CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 88 lb/ton
- [§63.5805\(b\)-Table 3.2.b](#) Standard for existing affected source with open molding – non-CR/HS operations using filament resin application must meet the organic HAP emissions limit of 188 lb/ton
- [§63.5805\(b\)-Table 3.2.c](#) Standard for existing affected source with open molding – non-CR/HS operations using manual resin application must meet the organic HAP emissions limit of 87 lb/ton
- [§63.5805\(b\)-Table 3.3.a](#) Standard for existing affected source with open molding - CR/HS operations - tooling operations using mechanical resin application must meet the organic HAP emissions limit of 254 lb/ton
- [§63.5805\(b\)-Table 3.3.b](#) Standard for existing affected source with open molding - tooling operations using manual resin application must meet the organic HAP emissions limit of 157 lb/ton
- [§63.5805\(b\)-Table 3.4.a](#) Standard for existing affected source with open molding - low flame/low smoke operations using mechanical resin application must meet the organic HAP emissions limit of 497 lb/ton
- [§63.5805\(b\)-Table 3.4.b](#) Standard for existing affected source with open molding - low flame/low smoke operations using filament resin application must meet the organic HAP emissions limit of 270 lb/ton
- [§63.5805\(b\)-Table 3.4.c](#) Standard for existing affected source with open molding - low flame/low smoke operations using manual resin application must meet the organic HAP emissions limit of 238 lb/ton
- [§63.5805\(b\)-Table 3.5.a](#) Standard for existing affected source with open molding - shrinkage controlled operations using mechanical resin application must meet the organic HAP emissions limit of 354 lb/ton
- [§63.5805\(b\)-Table 3.5.b](#) Standard for existing affected source with open molding - shrinkage controlled operations using filament resin application must meet the organic HAP emissions limit of 215 lb/ton
- [§63.5805\(b\)-Table 3.5.c](#) Standard for existing affected source with open molding - shrinkage controlled operations using manual resin application must meet the organic HAP emissions limit of 180 lb/ton

- [§63.5805\(b\)-Table 3.6.a](#) Standard for existing affected source with open molding - gel coat operations using tooling gel coating must meet the organic HAP emissions limit of 440 lb/ton
- [§63.5805\(b\)-Table 3.6.b](#) Standard for existing affected source with open molding - gel coat operations using white/off white pigmented gel coating must meet the organic HAP emissions limit of 267 lb/ton
- [§63.5805\(b\)-Table 3.6.c](#) Standard for existing affected source with open molding - gel coat operations using all other pigmented gel coating must meet the organic HAP emissions limit of 377 lb/ton
- [§63.5805\(b\)-Table 3.6.d](#) Standard for existing affected source with open molding - gel coat operations using CR/HS or high performance gel coat must meet the organic HAP emissions limit of 605 lb/ton
- [§63.5805\(b\)-Table 3.6.e](#) Standard for existing affected source with open molding - gel coat operations using fire retardant gel coat must meet the organic HAP emissions limit of 854 lb/ton
- [§63.5805\(b\)-Table 3.6.f](#) Standard for existing affected source with open molding - gel coat operations using clear production gel coat must meet the organic HAP emissions limit of 522 lb/ton
- [§63.5805\(b\)-Table 3.9](#) Standard for existing affected source with pultrusion operations must reduce total organic HAP emissions by at least 60 weight percent
- [§63.5805\(b\)-Table 3.9-fn6](#) Standard for existing affected source with pultrusion operations that manufacture parts that have 1,000 or more reinforcements or the glass equivalent of 1,000 ends of 113 yield roving or more and a cross sectional area of 60 square inches or more must meet air flow management work practice standards in Table 4
- [§63.5805\(c\)-Table 3.1.a](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 113 lb/ton
- [§63.5805\(c\)-Table 3.1.b](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - CR/HS operations using filament resin application must meet the organic HAP emissions limit of 171 lb/ton
- [§63.5805\(c\)-Table 3.1.c](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - CR/HS operations using manual resin application must meet the organic HAP emissions limit of 123 lb/ton
- [§63.5805\(c\)-Table 3.2.a](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - non-CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 88 lb/ton
- [§63.5805\(c\)-Table 3.2.b](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - non-CR/HS operations using filament resin application must meet the organic HAP emissions limit of 188 lb/ton
- [§63.5805\(c\)-Table 3.2.c](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - non-CR/HS operations using manual resin application must meet the organic HAP emissions limit of 87 lb/ton
- [§63.5805\(c\)-Table 3.3.a](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - tooling operations using mechanical resin application must meet the organic HAP emissions limit of 254 lb/ton
- [§63.5805\(c\)-Table 3.3.b](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - tooling operations using manual resin application must meet the organic HAP emissions limit of 157 lb/ton
- [§63.5805\(c\)-Table 3.4.a](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - low flame/low smoke operations using mechanical resin application must meet the organic HAP emissions limit of 497 lb/ton

- [§63.5805\(c\)-Table 3.4.b](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - low flame/low smoke operations using filament resin application must meet the organic HAP emissions limit of 270 lb/ton
- [§63.5805\(c\)-Table 3.4.c](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - low flame/low smoke operations using manual resin application must meet the organic HAP emissions limit of 238 lb/ton
- [§63.5805\(c\)-Table 3.5.a](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - shrinkage controlled operations using mechanical resin application must meet the organic HAP emissions limit of 354 lb/ton
- [§63.5805\(c\)-Table 3.5.b](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - shrinkage controlled operations using filament resin application must meet the organic HAP emissions limit of 215 lb/ton
- [§63.5805\(c\)-Table 3.5.c](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - shrinkage controlled operations using manual resin application must meet the organic HAP emissions limit of 180 lb/ton
- [§63.5805\(c\)-Table 3.6.a](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - gel coat operations using tooling gel coating must meet the organic HAP emissions limit of 440 lb/ton
- [§63.5805\(c\)-Table 3.6.b](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - gel coat operations using white/off white pigmented gel coating must meet the organic HAP emissions limit of 267 lb/ton
- [§63.5805\(c\)-Table 3.6.c](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - gel coat operations using all other pigmented gel coating must meet the organic HAP emissions limit of 377 lb/ton
- [§63.5805\(c\)-Table 3.6.d](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - gel coat operations using CR/HS or high performance gel coat must meet the organic HAP emissions limit of 605 lb/ton
- [§63.5805\(c\)-Table 3.6.e](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - gel coat operations using fire retardant gel coat must meet the organic HAP emissions limit of 845 lb/ton
- [§63.5805\(c\)-Table 3.6.f](#) Standard for new affected source that emits less than 100 tpy of HAP with open molding - gel coat operations using clear production gel coat must meet the organic HAP emissions limit of 522 lb/ton
- [§63.5805\(c\)-Table 3.7.a](#) Standard for new affected source that emits less than 100 tpy of HAP with centrifugal casting - CR/HS operations using a resin application with the mold closed, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 25 lb/ton
- [§63.5805\(c\)-Table 3.7.c](#) Standard for new affected source that emits less than 100 tpy of HAP with centrifugal casting - CR/HS operations using a resin application with the mold open, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 25 lb/ton
- [§63.5805\(c\)-Table 3.7.d](#) Standard for new affected source that emits less than 100 tpy of HAP with centrifugal casting - CR/HS operations using a resin application with the mold open, and the mold is not vented during spinning and cure must refer to Table 3, Footnote 5, to calculate emission factor/limit
- [§63.5805\(c\)-Table 3.8.a](#) Standard for new affected source that emits less than 100 tpy of HAP with centrifugal casting - non-CR/HS operations using a resin application with the mold closed, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 20 lb/ton

- [§63.5805\(c\)-Table 3.8.c](#) Standard for new affected source that emits less than 100 tpy of HAP with centrifugal casting - non-CR/HS operations using a resin application with the mold open, and the mold is vented during spinning and cure, must meet the organic HAP emissions limit of 20 lb/ton
- [§63.5805\(c\)-Table 3.8.d](#) Standard for new affected source that emits less than 100 tpy of HAP with centrifugal casting - non-CR/HS operations using a resin application with the mold open, and the mold is not vented during spinning and cure must refer to Table 3, Footnote 5, to calculate emission factor/limit
- [§63.5805\(c\)-Table 3.9](#) Standard for new affected source that emits less than 100 tpy of HAP with pultrusion operations must reduce total organic HAP emissions by at least 60 weight percent
- [§63.5805\(c\)-Table 3.9-fn6](#) Standard for new affected source with pultrusion operations that emits less than 100 tpy of HAP and manufactures parts that have 1,000 or more reinforcements or the glass equivalent of 1,000 ends of 113 yield roving or more and a cross sectional area of 60 square inches or more must meet air flow management work practice standards in Table 4.
- [§63.5805\(c\)-Table 3.10|1](#) Standard for new affected source that emits less than 100 tpy of HAP with continuous lamination/casting operations must reduce the total organic HAP emissions by at least 58.5 weight percent
- [§63.5805\(c\)-Table 3.10|2](#) Alternative Standard for new affected source that emits less than 100 tpy of HAP from open molding, centrifugal casting, continuous lamination/casting, pultrusion, SMC manufacturing, mixing, and BMC manufacturing operations must not exceed an organic HAP emissions limit of 15.7 lb/ton of neat resin plus and neat gel coat plus
- [§63.5805\(d\)\(1\)|1](#) Standard for new affected source that emits 100 tpy or more of HAP from combination of open molding, centrifugal casting, continuous lamination/casting, pultrusion, SMC manufacturing, mixing, and BMC manufacturing operations must reduce the total organic HAP emissions from these operations by at least 95 percent by weight
- [§63.5805\(d\)\(1\)-Table 5.1.a](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 6 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.1.b](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - CR/HS operations using filament resin application must meet the organic HAP emissions limit of 9 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.1.c](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - CR/HS operations using manual resin application must meet the organic HAP emissions limit of 7 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.2.a](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - non-CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 13 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.2.b](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - non-CR/HS operations using filament resin application must meet the organic HAP emissions limit of 10 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.2.c](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - non-CR/HS operations using manual resin application must meet the organic HAP emissions limit of 5 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.3.a](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - tooling operations using mechanical resin application must meet the organic HAP emissions limit of 13 lb/ton

- [§63.5805\(d\)\(1\)-Table 5.3.b](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - tooling operations using manual resin application must meet the organic HAP emissions limit of 8 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.4.a](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - low flame/low smoke operations using mechanical resin application must meet the organic HAP emissions limit of 25 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.4.b](#) Alternative Standard for new affected source emits 100 tpy or more of HAP with open molding - low flame/low smoke operations using filament resin application must meet the organic HAP emissions limit of 14 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.4.c](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - low flame/low smoke operations using manual resin application must meet the organic HAP emissions limit of 12 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.5.a](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - shrinkage controlled operations using mechanical resin application must meet the organic HAP emissions limit of 18 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.5.b](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - shrinkage controlled operations using filament resin application must meet the organic HAP emissions limit of 11 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.5.c](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - shrinkage controlled operations using manual resin application meet the organic HAP emissions limit of 9 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.6.a](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - gel coat operations using tooling gel coating must meet the organic HAP emissions limit of 22 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.6.b](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - gel coat operations using white/off white pigmented gel coating must meet the organic HAP emissions limit of 22 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.6.c](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - gel coat operations using all other pigmented gel coating must meet the organic HAP emissions limit of 19 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.6.d](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - gel coat operations using CR/HS or high performance gel coating meet the organic HAP emissions limit of 31 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.6.e](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - gel coat operations using fire retardant gel coat meet the organic HAP emissions limit of 43 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.6.f](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with open molding - gel coat operations using clear production gel coat must meet the organic HAP emissions limit of 27 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.7|1](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with centrifugal casting - CR/HS operations using a vent system that moves heated air through the mold must meet the organic HAP emissions limit of 27 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.7|2](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with centrifugal casting – CR/HS operations using a vent system that moves ambient air through the mold must meet the organic HAP emissions limit of 2 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.8|1](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with centrifugal casting - non-CR/HS operations using a vent system that moves heated air through the mold must meet the organic HAP emissions limit of 21 lb/ton

- [§63.5805\(d\)\(1\)-Table 5.8|2](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with centrifugal casting - non-CR/HS operations using a vent system that moves ambient air through the mold must meet the organic HAP emissions limit of 1 lb/ton
- [§63.5805\(d\)\(1\)-Table 5.9](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with SMC Manufacturing operations must meet the organic HAP emissions limit of 2.4 lb/ton
- [§63.5805\(d\)\(1\)|2](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP with continuous lamination/casting operations may meet an organic HAP emissions limit of 1.47 lbs/ton of neat resin plus and neat gel coat plus applied
- [§63.5805\(d\)\(1\)|3](#) Alternative Standard for new affected source that emits 100 tpy or more of HAP from the combination of centrifugal casting, continuous lamination/casting, SMC manufacturing, mixing, and BMC manufacturing operations may meet organic HAP emissions limits in Table 5
- [§63.5805\(d\)\(2\)\(i\)-Table 3.1.a](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 113 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.1.b](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - CR/HS operations using filament resin application must meet the organic HAP emissions limit of 171 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.1.c](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - CR/HS operations using manual resin application must meet the organic HAP emissions limit of 123 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.2.a](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - non-CR/HS operations using mechanical resin application must meet the organic HAP emissions limit of 88 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.2.b](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - non-CR/HS operations using filament resin application must meet the organic HAP emissions limit of 188 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.2.c](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - non-CR/HS operations using manual resin application must meet the organic HAP emissions limit of 87 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.3.a](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - tooling operations using mechanical resin application must meet the organic HAP emissions limit of 254 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.3.b](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - tooling operations using manual resin application meet the organic HAP emissions limit of 157 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.4.a](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - low flame/low smoke operations using mechanical resin application must meet the organic HAP emissions limit of 497 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.4.b](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - low flame/low smoke operations using filament resin application must meet the organic HAP emissions limit of 270 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.4.c](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - low flame/low smoke operations using manual resin application must meet the organic HAP emissions limit of 238 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.5.a](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - shrinkage controlled operations using mechanical resin application must meet the organic HAP emissions limit of 354 lb/ton

- [§63.5805\(d\)\(2\)\(i\)-Table 3.5.b](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - shrinkage controlled operations using filament resin application must meet the organic HAP emissions limit of 215 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.5.c](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - shrinkage controlled operations using manual resin application must meet the organic HAP emissions limit of 180 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.6.a](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - gel coat operations using tooling gel coating must meet the organic HAP emissions limit of 440 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.6.b](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - gel coat operations using white/off white pigmented gel coating must meet the organic HAP emissions limit of 267 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.6.c](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - gel coat operations using all other pigmented gel coating must meet the organic HAP emissions limit of 377 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.6.d](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - gel coat operations using CR/HS or high performance gel coating must meet the organic HAP emissions limit of 605 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.6.e](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - gel coat operations using fire retardant gel coat must meet the organic HAP emissions limit of 854 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.6.f](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with open molding - gel coat operations using clear production gel coat must meet the organic HAP emissions limit of 522 lb/ton
- [§63.5805\(d\)\(2\)\(i\)-Table 3.9](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with pultrusion operations must reduce total organic HAP emissions by at least 60 weight percent
- [§63.5805\(d\)\(2\)\(i\)-Table 3.9-fn6](#) Standard for new affected source manufacturing large parts that emits 100 tpy or more of HAP with pultrusion operations that manufactures parts that have 1,000 or more reinforcements or the glass equivalent of 1,000 ends of 113 yield roving or more and have a cross sectional area of 60 square inches or more must meet the air flow management work practice standards in Table 4
- [§63.5810\(c\)](#) Standard for affected source demonstrating each month that each weighted average of organic HAP emissions limit is met according to Table 3 or Table 5, as applicable
- [§63.5810\(d\)\(2\)](#) Standard for affected source meeting the organic HAP emissions limit for one application method, using the same non-CR/HS and/or tooling resin(s) for all application methods of that resin type, and complying with applicable organic HAP content in Table 7 based on the weighted average of last 12 months of resin use

These relationship entry screens and flowcharts are for use by sources subject to the Texas Federal Operating Permits Program only and are subject to revision.

Last modified: April 27, 2023