

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

### Subpart JJJJJ Standards

- [§63.8405\(a\)-Table 1.1](#) For non-specific tunnel kilns with Hydrogen Chloride equivalent emissions
- [§63.8405\(a\)-Table 1.2.a](#) For existing large tunnel kilns with Particulate Matter emissions less than 0.018 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.2.a.i](#) For existing large tunnel kilns with Particulate Matter emissions less than 6.6 mg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.2.a.ii](#) For existing large tunnel kilns with Non-Hg HAP metals emissions less than 0.0026 kg/hr
- [§63.8405\(a\)-Table 1.2.b](#) For existing large tunnel kilns with Mercury emissions less than 2.1 E-05 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.2.b.i](#) For existing large tunnel kilns with Mercury emissions less than 7.7 µg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.2.b.ii](#) For existing large tunnel kilns with Mercury emissions less than 2.5 E-04 kg/hr
- [§63.8405\(a\)-Table 1.3.a](#) For existing small tunnel kilns with Particulate Matter emissions less than 0.19 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.3.a.i](#) For existing small tunnel kilns with Particulate Matter emissions less than 4.8 mg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.3.a.ii](#) For existing small tunnel kilns with Non-Hg HAP metals emissions less than 0.047 kg/hr
- [§63.8405\(a\)-Table 1.3.b](#) For existing small kilns with Mercury emissions less than 1.7 E-04 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.3.b.i](#) For existing small tunnel kilns with Mercury emissions less than 91 µg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.3.b.ii](#) For existing small tunnel kilns with Mercury emissions less than 8.5 E-04 kg/hr
- [§63.8405\(a\)-Table 1.4.a](#) For new/reconstructed large tunnel kilns with Particulate Matter emissions less than 0.0089 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.4.a.i](#) For new/reconstructed large tunnel kilns with Particulate Matter emissions less than 3.2 mg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.4.a.ii](#) For new/reconstructed large tunnel kilns with Non-Hg HAP metals emissions less than 0.0026 kg/hr
- [§63.8405\(a\)-Table 1.4.b](#) For new/reconstructed large tunnel kilns with Mercury emissions less than 1.4 E-05 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.4.b.i](#) For new/reconstructed large tunnel kilns with Mercury emissions less than 6.2 µg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.4.b.ii](#) For new/reconstructed large tunnel kilns with Mercury emissions less than 1.6 E-04 kg/hr
- [§63.8405\(a\)-Table 1.5.a](#) For new/reconstructed small tunnel kilns with Particulate Matter emissions less than 0.015 kg/Mg of fired product
- [§63.8405\(a\)-Table 1.5.a.i](#) For new/reconstructed small tunnel kilns with Particulate Matter emissions less than 4.7 mg/dscm of fired product at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.5.a.ii](#) For new/reconstructed small tunnel kilns with Non-Hg HAP metals emissions less than 0.047 kg/hr
- [§63.8405\(a\)-Table 1.5.b](#) For new/reconstructed small kilns with Mercury emissions less than 1.7 E-04 kg/Mg of fired product

- [§63.8405\(a\)-Table 1.5.b.i](#) For new/reconstructed small tunnel kilns with Mercury emissions less than 91 µg/dscm at 17% O<sub>2</sub>
- [§63.8405\(a\)-Table 1.5.b.ii](#) For new/reconstructed small tunnel kilns with Mercury emissions less than 8.5 E-04 kg/hr
- [§63.8405\(a\)-Table 2.1.d](#) For non-specific tunnel kilns equipped with DLA with Particulate Matter/Opacity (PM (Opacity)) emissions
- [§63.8405\(a\)-Table 2.2.a|2](#) For non-specific tunnel kilns equipped with DIFF or DLS/FF with Particulate Matter/Opacity (PM (Opacity)) emissions
- [§63.8405\(a\)-Table 2.5.a](#) For non-specific tunnel kilns equipped with no add-on control with Particulate Matter/Opacity (PM (Opacity)) emissions
- [§63.8405\(a\)-Table 3.1.a](#) For periodic kilns

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.

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