**Terms Last Revised: 6/01/2016**

**C1 Cold Cleaners not Subject to 40 CFR 63, Subpart T** **[OAC rule 3745-21-09(O)(2)]**

**Template Terms for Cold Cleaners:**

**C1C Cold Cleaners using a Cover to demonstrate compliance and where the Solvent Vapor Pressure is less than 0.6 pound/square inch absolute measured at 100 Fahrenheit and the solvent is not heated above 120 Fahrenheit [OAC rule 3745-21-09(O)(2)]**

**C1A Cold Cleaners using a Carbon Adsorption system to demonstrate compliance [OAC rule 3745-21-09(O)(2)]**

**C1R Cold Cleaners using a Refrigerated Chiller to demonstrate compliance [OAC rule 3745-21-09(O)(2)]**

**C1F Cold Cleaners using a Freeboard Ratio to demonstrate compliance [OAC rule 3745-21-09(O)(2)]**

**C1W Cold Cleaners using a Water Cover to demonstrate compliance [OAC rule 3745-21-09(O)(2)]**

**C1S Cold Cleaners using a Remote Solvent Reservoir to demonstrate compliance and where the solvent vapor pressure is less than 0.6 pound/square inch absolute measured at 100 Fahrenheit and the solvent is not heated above 120 Fahrenheit [OAC rule 3745-21-09(O)(2)]**

**C1L Additional requirements for** **Cold Cleaners located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, and Warren counties** **[OAC 3745-21-09(O)(2)(e)]**

**C1Z An Equivalent Control System proposed for a Cold Cleaner** **[OAC 3745-21-09(O)(2)(c)(iii)] must be approved by the “Director”(file available but not in Library terms)**

***These terms and conditions in Section C.1 are for cold cleaners not subject to the halogenated solvent cleaning rules in 40 CFR 63, Subpart T. Each cold cleaner subject to OAC 3745-21-09(O)(2) shall meet the following requirements*:**

* + - 1. Each cold cleaner shall be equipped with one of the following:
         1. **Cover,** see term and condition **C.1.a**

**OR**

* + - * 1. a **Remote Solvent Reservoir,** see term and condition **C.1.b**
      1. All cold cleaners shall be equipped with a device for draining the cleaned parts,see term and condition **C.1.c**
      2. If the solvent vapor pressure is greater than 0.6 lb/square inch absolute, measured at 100 degrees F or if the solvent is heated above 120 degrees F, the cold cleaner shall be equipped with one of the following devices/systems:
         1. **Freeboard**, with freeboard ratio greater than or equal to 0.7, see term and condition **C.1.d**

**OR**

* + - * 1. **Water cover, refrigerated chiller, or carbon adsorption,** see term and condition **C.1.e**

**OR**

* + - * 1. **Carbon Adsorption System** see term and condition **C.1.p**

**OR**

* + - * 1. **Refrigerated Chiller** see term and condition **C.1.q**

**OR**

* + - * 1. An **equivalent system** approved by the director, see term and condition **C.1.z** (set of terms not developed)
      1. All cold cleaners shall be operated in accordance to certain **work practices** in order to minimize solvent evaporation , see term and condition **C.1.f**
      2. Record keeping Requirements for all Cold Cleaners**,** see term and condition **C.1.g**
      3. Record keeping Requirements for cold cleaners using a **Freeboard Ratio** for controlsee term and condition **C.1.v**
      4. Record keeping Requirements for Cold Cleaners using a **Water Cover** control, see term and condition **C.1.w**
      5. Record keeping Requirements for Cold cleaners using a **Carbon Adsorption system** to demonstrate compliance,see term and condition **C.1.x**
      6. Record keeping Requirements for Cold Cleaners using a **Refrigerated Chiller** for control,see term and condition **C.1.u**
      7. Record keeping Requirements for all Cold Cleaners with a **TPY limit,** see term and condition **C.1.h**
      8. Reporting Requirements for all Cold Cleaners, see term and condition **C.1.i**
      9. Reporting Requirements Cold Cleaners using a **Freeboard Ratio** for compliance, see term and condition **C.1.j**
      10. Reporting Requirements Cold Cleaners using a **Water Cover** for compliance, see term and condition **C.1.k**
      11. Reporting Requirement for cold cleanersusing a **Carbon Adsorption system** for compliance, see term and condition **C.1.t**
      12. Reporting Requirement for cold cleaners using a **Refrigerated Chiller** for compliance, see term and condition **C.1.r**
      13. Additional Term & Condition for cold cleaners located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, and Warren counties, see term and condition **C.1.l**
      14. Additional record keeping requirement for cold cleaners located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, and Warren counties, see term and condition **C.1.m**
      15. Additional reporting requirement for cold cleaners located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, and Warren counties, see term and condition **C.1.n**
      16. **Testing requirement(s)** for all solvent metal cleaning, to determine a VOC emission rate or emission factor to be used to demonstrate compliance with any short-term VOC limitation contained in a permit [from 3745-21-10(D)] **C.4**