

## **30 TAC 115/442, Offset Lithographic Printing - Requirements Reference Tables**

### **30 TAC 115/442 Standards**

- [§115.441\(a\)](#) Exemption for all offset lithographic printing lines located on a property with combined emissions of VOC less than 3.0 tons/calendar year.

### **El Paso Area**

- [§115.442\(a\)\(1\)\(A\)|1](#) Heatset web offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (non-refrigerated) to 5.0% or less by volume.
- [§115.442\(a\)\(1\)\(A\)|2](#) Heatset web offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (refrigerated < 60 °F) to 10.0% or less by volume.
- [§115.442\(a\)\(1\)\(B\)](#) Non-heatset web offset lithographic printing presses that print newspaper and use alcohol in the fountain solution shall eliminate the use of alcohol through Non-alcohol additives or alcohol substitutes.
- [§115.442\(a\)\(1\)\(C\)|1](#) Non-heatset web offset lithographic printing presses that use alcohol in the fountain solution and do not print newspaper shall limit total fountain solution alcohol (non-refrigerated) to 5.0% or less by volume.
- [§115.442\(a\)\(1\)\(C\)|2](#) Non-heatset web offset lithographic printing presses that use alcohol in the fountain solution and do not print newspaper shall limit total fountain solution alcohol (refrigerated < 60 °F) to 10.0% or less by volume.
- [§115.442\(a\)\(1\)\(D\)|1](#) Sheet-fed offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (non-refrigerated) to 10.0% or less by volume.
- [§115.442\(a\)\(1\)\(D\)|2](#) Sheet-fed offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (refrigerated < 60 °F) to 12.0% or less by volume.
- [§115.442\(a\)\(1\)\(E\)](#) Offset lithographic printing presses that do not use alcohol in the fountain solution shall limit the concentration of VOCs in the fountain solution is 3.0 % or less by weight. The fountain solution must not contain isopropyl alcohol.

### **Houston/Galveston/Brazoria, Dallas/Fort Worth Areas (VOC major sources)**

- [§115.442\(b\)\(2\)\(A\)](#) Sheet-fed offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (non-refrigerated) to 5.0% or less by weight.
- [§115.442\(b\)\(2\)\(B\)](#) Sheet-fed offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (refrigerated < 60 °F) to 8.5% or less by weight.
- [§115.442\(b\)\(2\)\(C\)](#) Sheet-fed offset lithographic printing presses shall limit the VOC content of the fountain solution to 3.0% alcohol substitutes or less by weight and no alcohol in the fountain solution.

- [§115.442\(b\)\(3\)](#) Non-heatset web offset lithographic printing presses shall limit the concentration of VOCs in the fountain solution to 3.0 % or less by weight and no alcohol in the fountain solution.
- [§115.442\(b\)\(4\)\(A\)](#) Heatset web offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (non-refrigerated) to 1.6% or less by weight.
- [§115.442\(b\)\(4\)\(B\)](#) Heatset web offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (refrigerated < 60 °F) to 3.0% or less by weight.
- [§115.442\(b\)\(4\)\(C\)](#) Heatset web offset lithographic printing presses shall limit the concentration of VOCs in the fountain solution is 3.0% alcohol substitutes or less by weight and no alcohol in the fountain solution.

**Houston/Galveston/Brazoria, Dallas/Fort Worth Areas (VOC minor sources)**

- [§115.442\(c\)\(2\)\(A\)](#) Sheet-fed offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (non-refrigerated) to 5.0% or less by weight.
- [§115.442\(c\)\(2\)\(B\)](#) Sheet-fed offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (refrigerated < 60 °F) to 8.5% or less by weight.
- [§115.442\(c\)\(2\)\(C\)](#) Sheet-fed offset lithographic printing presses shall limit the concentration of VOCs in the fountain solution is 5.0 % or less by weight and no alcohol in the fountain solution.
- [§115.442\(c\)\(3\)](#) Heatset web offset lithographic printing presses shall limit the concentration of VOCs in the fountain solution to 5.0 % or less by weight and no alcohol in the fountain solution.
- [§115.442\(c\)\(4\)\(A\)](#) Heatset web offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (non-refrigerated) to 1.6% or less by weight.
- [§115.442\(c\)\(4\)\(B\)](#) Heatset web offset lithographic printing presses that use alcohol in the fountain solution shall limit total fountain solution alcohol (refrigerated < 60 °F) to 3.0% or less by weight.
- [§115.442\(c\)\(4\)\(C\)](#) Heatset web offset lithographic printing presses shall limit the concentration of VOCs in the fountain solution is 5.0 % or less by weight and no alcohol in the fountain solution.

**Alternate Control Requirement**

- [§115.443](#) Alternate control requirements for offset lithographic printing.

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