A Permit by Rule (PBR) Application for an Interior Surface Coating Facility

[Student name here…remove brackets, too]

Columbia Southern University

Abstract

Block one full paragraph (no indenting the first line). Provide one full sentence each week as you complete a level 1 heading section, describing what material or calculations were presented in that section. By the time the week eight material is complete, you will have eight sentences in this abstract (one for each week).

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**General Considerations for Operation**

Start typing here for Unit 2 in non-italicized font, citing with CSU APA Citation Guide p. 6 styled citations to defend what you state as fact. *Follow the Study Guide calculation instructions carefully. Remove the remaining blank sections before submittal each week.*

**VOC and ES Content per Vehicle**

*Blank for Units 2-8. Fill this in for Unit 3. Be sure and show (illustrate) your actual mathematical calculations for Units 3-7 sections, rather than describe them. For example: 2.8 lbs/gal of VOC x 10.0 gal per vehicle = 28.0 lbs VOC/vehicle*

**Operational Air Emission Rates**

*Blank for Units 3-8. Fill this in for Unit 4.*

**Operational Face and Filter Velocities**

*Blank for Units 4-8. Fill this in for Unit 5.*

**VOC Content Minus Water and Exempt Solvents**

*Blank for Units 5-8. Fill this in for Unit 6.*

**Heater and Oven Combustion Emissions**

*Blank for Units 6-8. Fill this in for Unit 7.*

**Pollution Control Technologies**

*Blank for Unit 7. Fill this AND the next level 1 heading section in for Unit 8.*

**Process Flow Diagram**

*Blank for Unit 7. Fill this AND the previous level 1 heading section in for Unit 8.*

References

Godish, T., Davis, W. T., & Fu, J. S. (2015). *Air quality* (5th ed.). Boca Raton, FL: CRC Press.

Texas Commission on Environmental Quality. (2011). Surface coating facilities: A guide for

obtaining air authorization in Texas. Retrieved from

<https://www.tceq.texas.gov/searchpage?cx=004888944831051571741%3Auk-> 3yh4pey8&cof=FORID%3A11&q=Surface+Coating+Facilities%3A+A+Guide+for+Obt aining+Air+Auth orization+in+Texas

List additional references here alphabetically. Be sure and double-space and hang-indent each

subsequent line for each reference entry, formatting to CSU APA Citation Guide

pp. 8-12.