



SURFACE COATING OPERATIONS



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI)
 RE-INSPECTION (FUI) ARMS COMPLAINT NO: _____

AIRS ID#: 1030519 **DATE:** 6/10/14 **ARRIVE:** 12:30PM **DEPART:** 1:00 PM

FACILITY NAME: CELRON, Inc. **Per_ID:** 2805 **PERMIT NO.:** 1030519-002-AG

FACILITY LOCATION: 12810 49th Street North
Clearwater, FL

EMISSION UNIT DESCRIPTION: Automobile Painting: A Garmat Tier 1 Spray Booth with drying enclosure. A Hercules GW/RT gun washer is used. New 6H source with no MeCl use

OWNER/AUTHORIZED REPRESENTATIVE: Ronald Bray **PHONE/email:** 727-573-7636 / rbray417@gmail.com

CONTACT NAME: Ronald Bray **PHONE/email:** 727-573-7636 / rbray417@gmail.com

REMITTANCE YEAR: **ENTITLEMENT PERIOD:** / 4/23/15
(effective date) (end date)

PART I: INSPECTION COMPLIANCE STATUS (check only one box)

IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: RECORDKEEPING REQUIREMENTS – Rule 62-210.300, F.A.C.

(check appropriate box(es))

1. Does the facility operate any emissions units other than the surface coating operations and emissions units which are exempt from permitting pursuant to the criteria of paragraph 62-210.300(3)(a) or (b), F.A.C., or have been exempted from permitting under Rule 62-4.040, F.A.C.? [Rule 62-210.300(3)(c)4.a., F.A.C.] Yes No

2. Does the owner/operator of the facility maintain records to document the VOC content of the coatings and the quantity of the coatings used? (see how coatings are defined in item 5 below) [62-210.310(4)(c)2.b., F.A.C.]----- Yes No

3. Does the owner/operator retain, and make available for Department inspection, these records for a period of at least five years? [62-210.310(4)(c)2.b., F.A.C.] ----- Yes No

Comments: The records were available back to _____. A partial copy of the records are attached as an example of the record format.

4. Is the total quantity of VOC's in such coatings 44 lbs/day or less, averaged monthly? ----- Yes No
[62-210.310(4)(c)2.a., F.A.C.] (total lbs VOC ÷ # days/mo = VOC lbs/day)

Comments: Reviewed records for the months of June 2013 – June 2014. The highest reported monthly daily average was 13.7 pounds February 2014. Supporting documentation was available ----- Yes No

5. Does the amount of coatings used, include solvents and thinners used in the process including those used for cleanup? [62-210.310(4)(c)2.a., F.A.C.]----- Yes No

PART III: CONTROL/OPERATING/MAINTANANCE REQUIREMENTS – Rule 62-210.300, F.A.C.

(check appropriate box(es))

- 1. Is/Are the surface coating operation(s) subject to a specific emissions limiting standard such as VOC Reasonably Available Control Technology (RACT), Chapter 62-296.500, F.A.C.? [Rule 62-210.300(3)(c)4.b., F.A.C.]----- Yes No
- 2. Does the facility cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor? [Rule 62.296.320(2), F.A.C.]----- Yes No
- 3. Does the owner/operator encourage pollution prevention through such measures as training employees involved in surface coating operations on methods of reducing VOC emissions by:
 - a) maintaining spray coating equipment to ensure effective application with a minimum of overspray? Yes No
 - b) monitoring the coating thickness to avoid excessive coating?----- Yes No
 - c) considering the use of low-VOC coatings (e.g., waterborne, ultra-violet cured, or powder coatings)? Yes No
 - d) implementing inventory control practices to prevent spillage?----- Yes No
 - e) implementing management practices to reduce VOC emissions during cleanup by:
 - 1. spraying light colored coatings before dark colored coatings to reduce the number of cleaning cycles? Yes No
 - 2. recycling cleaning solvents?----- Yes No
 - 3. using water based cleaners?----- Yes No

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300, F.A.C.

Administrative Changes: [62-210.310(2)(d), F.A.C.]

- 1. Were there any change in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility?----- Yes No
- 2. If yes, did the facility provide written notification within 30 days of the change? ----- Yes No

Permit Effective Period – [62-210.310(3)(a), F.A.C.]

- 1. Is the general permit for this facility still within the 5- year effective period?----- Yes No
- 2. Did the facility submit the new re-registration form at least 30 days prior to permit expiration? ----- N/A Yes No

Comments: The permit expires on 4/23/2015. A new notification form is required to be submitted no later than 3/24/2015.

New or Modified Process Equipment or Change in Ownership - [62-210.310 (2)(b)2, F.A.C]

- 1. Since the last registration form submittal has there been
 - a) Installation of any new process equipment? - ----- Yes No
 - b) Alterations to existing process equipment without replacement? ----- Yes No
 - c) Replacement of existing equipment with equipment that is substantially different? ----- Yes No
 - d) A change in ownership? ----- Yes No

If any of the answers to 1a) – 1d) is **Yes**, was a new registration form and appropriate submitted 30 days prior to the change?----- Yes No

Noncompliance Notice: - [62-210.310(3)(i), F.A.C.]

- 1. Did the facility have any instances where they were unable comply with or will be unable to comply with any condition or limitation of the air general permit? ----- Yes No
- If the answer is **Yes**, proceed to a) and b).
- a) Did the owner or operator provide immediate notification to the Department? ----- Yes No
 - b) Did the notification include:
 - 1. A description of and cause of noncompliance?----- Yes No
 - 2. Dates and times of noncompliance; or if not corrected, the anticipated time noncompliance is expected to continue and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance? ----- Yes No

PART III: CONTROL/OPERATING/MAINTANANCE REQUIREMENTS – Rule 62-210.300, F.A.C.

(check appropriate box(es))

1. Is/Are the surface coating operation(s) subject to a specific emissions limiting standard such as VOC Reasonably Available Control Technology (RACT), Chapter 62-296.500, F.A.C.? [Rule 62-210.300(3)(c)4.b., F.A.C.]----- Yes No
2. Does the facility cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor? [Rule 62.296.320(2), F.A.C.]----- Yes No
3. Does the owner/operator encourage pollution prevention through such measures as training employees involved in surface coating operations on methods of reducing VOC emissions by:
 - a) maintaining spray coating equipment to ensure effective application with a minimum of overspray? Yes No
 - b) monitoring the coating thickness to avoid excessive coating?----- Yes No
 - c) considering the use of low-VOC coatings (e.g., waterborne, ultra-violet cured, or powder coatings)? Yes No
 - d) implementing inventory control practices to prevent spillage?----- Yes No
 - e) implementing management practices to reduce VOC emissions during cleanup by:
 1. spraying light colored coatings before dark colored coatings to reduce the number of cleaning cycles? Yes No
 2. recycling cleaning solvents?----- Yes No
 3. using water based cleaners?----- Yes No

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300, F.A.C.

Administrative Changes: [62-210.310(2)(d), F.A.C.]

1. Were there any change in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? ----- Yes No
2. If yes, did the facility provide written notification within 30 days of the change? ----- Yes No

Permit Effective Period – [62-210.310(3)(a), F.A.C.]

1. Is the general permit for this facility still within the 5- year effective period?----- Yes No
2. Did the facility submit the new re-registration form at least 30 days prior to permit expiration? ----- N/A Yes No

Comments: The permit expires on 4/23/2015. A new notification form is required to be submitted no later than 3/24/2015.

New or Modified Process Equipment or Change in Ownership - [62-210.310 (2)(b)2, F.A.C]

1. Since the last registration form submittal has there been
 - a) Installation of any new process equipment? ----- Yes No
 - b) Alterations to existing process equipment without replacement? ----- Yes No
 - c) Replacement of existing equipment with equipment that is substantially different? ----- Yes No
 - d) A change in ownership? ----- Yes No

If any of the answers to 1a) – 1d) is **Yes**, was a new registration form and appropriate submitted 30 days prior to the change?----- Yes No

Noncompliance Notice: - [62-210.310(3)(i), F.A.C.]

2. Did the facility have any instances where they were unable comply with or will be unable to comply with any condition or limitation of the air general permit? ----- Yes No
If the answer is **Yes**, proceed to a) and b).
 - a) Did the owner or operator provide immediate notification to the Department? ----- Yes No
 - b) Did the notification include:
 1. A description of and cause of noncompliance?----- Yes No
 2. Dates and times of noncompliance; or if not corrected, the anticipated time noncompliance is expected to continue and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance? ----- Yes No

PART V: INSPECTION COMMENTS:

- *I met with the Facility contact Mr. Bray. We reviewed the paints records through the computer system in his office. The highest month average was checked to see if facility complying with his permit emissions limitation.*
- *The facilities vendor contact at DuPont paint company produces the Finishmaster Auto & industrial records in the format required. (see copies attached) The records, show the Item Description for paint coatings, solvents, catalyst activators etc. The columns indicate the quantity used in gallons, the VOC content per gallon and the total VOC emission from each item used. The VOC emissions monthly total lbs/ gallon, is divided by the days per month to show the VOC lbs /day averaged monthly.*
- *The paint technicians enter the paint formulation into the Dupont computer system, which breaks down the amount for each ingredient for the coating, including the solvents, reducers, catalyst and other additives for the coating, and measures out ingredients into the container on the paint scale for the requested paint formula coating. This eliminates technician error.*
- *The amount of coating, and thinners, reducers and etc are recorded by the computer system and shows the products used during the month to spray paint cars.*
- *Mr. Bray stated his business at this time is spraying an average of 10 cars per week. The process rate is estimated would require the spraying of 30 -40 cars / week, to get within or to exceed the permit limitation of **VOC 44 lbs/day** . The records were per the permit requirement for review of the monthly totals of all products used. The monthly totals as compared with the days of the month are on another log sheet to determine if source is exceeding limitation lbs/day limitation. (See Monthly records 3/2012 –May 2014).*
- *The facility does not use clean up solvents. Mr. Bray showed his new ONSITE A5 Solvent recycling device. He stated they now pour unused coating and spent solvents into the top of square compartment where the paint separates to the bottom. The solvents distill and rise to the top, where they drain off into second drum vessel. The paint is in sealed plastic bagged at the base, they remove, and send to safety kleen for wasted disposal. He stated it could be disposed of in trash, but the prefer not to. There were no solvent odors in this area during observation.*
- *The facility appears to be in compliance at this time.*

Inspection Entered into AQACCESS? Yes

INSPECTION ENTERED INTO ARMs/GCPI? Yes

Shea Jackson

Inspector's Name

June 10, 2014

Date of Inspection

Inspector's Signature

2015

Approximate Date of Next Inspection

CELRON, Inc. Maaco Collision Repair and Auto Painting

12810 49th Street North, Clearwater



Project Id: 88676 **Permit No:** 1030519-002-AG **Arms Number:** 0519

Inspector: Shea Jackson **Inspection Date / Time:** 6/10/14 / _____

Source (EU): Automobile Painting: A Garmat Tier 1 Spray Booth with drying enclosure. A Hercules GW/RT gun washer is used. New 6H source with no MeCl use

Description: [The facility was using spray booth, no emissions or overspray noted at the stack vent, filters in booth appear to be properly placed no gaps]

CELRON, Inc. Maaco Collision Repair and Auto Painting

12810 49th Street North, Clearwater



Project Id: 88676 **Permit No:** 1030519-002-AG **Arms Number:** 0519

Inspector: Shea Jackson **Inspection Date / Time:** 6/10/14 / _____

Source (EU): Automobile Painting: A Garmat Tier 1 Spray Booth with drying enclosure. A Hercules
GW/RT gun washer is used. New 6H source with no MeCl use

Description: [The facility left photo is of the new ONSITE recycler for separation of solvents from coatings
and reuse. The other containers are waste only and go out to safety kleen]