

August 13, 2018

Dag Reckhorn  
Faraday&Future, Inc.  
PO Box 11262  
Carson, CA 90749

**RE: Notice of Final Action - Authority to Construct**  
**Facility Number: C-9248**  
**Project Number: C-1180142**

Dear Mr. Reckhorn:

The Air Pollution Control Officer has issued the Authority to Construct permits to Faraday&Future, Inc. for the installation of a new electric vehicle manufacturing and assembly facility consisting of various coating operations, adhesive application operations, and other ancillary support equipment, located at 10701 Idaho Avenue, Hanford, CA. Enclosed are the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permits was published on July 3, 2018. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on July 3, 2018. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

**Samir Sheikh**  
Executive Director/Air Pollution Control Officer

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**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585

Mr. Dag Reckhorn  
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas at (559) 230-6000.

Sincerely,



Arnaud Marjollet  
Director of Permit Services

AM:ddb

Enclosures

cc: Tung Le, CARB (w/enclosure) via email  
cc: Gerardo C. Rios, EPA (w/enclosure) via email  
cc: Stephanie Harris, Faraday & Future, Inc. (w/enclosure) via email



## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-5-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

MOTOR VEHICLE BODY ASSEMBLY OPERATION (BODY IN WHITE (BIW)) CONSISTING OF MANUAL AND ROBOTIC NON-ATOMIZING ADHESIVE, SEALANT, AND DEFECT OIL APPLICATION EQUIPMENT

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. The volatile organic compound (VOC) emissions from the body assembly operations and its associated sub-processes shall not exceed any of the following limits: 1) main body assembly - 2.0 lb/day; 2) body closures - 0.5 lb/day; or 3) metal finish inspection and repair - 1.8 lb/day. [District Rule 2201]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT.** This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO

for 

Arnaud Marjollet, Director of Permit Services

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7. VOC emissions from the surface cleaning operation (i.e cleaning of any surfaces associated with the body assembly operation with solvent wipes) shall not exceed 2.0 lb/day. [District Rule 2201]
8. The VOC emissions from the body assembly operation through the use of adhesive and sealant materials associated with this body assembly operation shall be determined as follows: 1) Adhesive VOC emissions = [VOC content, as applied (lb/gal) x Usage (gal)]; 2) Sealant VOC emissions = [VOC content, as applied (lb/gal) x Usage (gal)] x 0.05; and 3) Total VOC emissions shall be the sum of all adhesives and sealants used. [District Rule 2201]
9. The VOC emissions from the use of solvent materials associated with this body assembly operation shall be determined as follows: 1) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 2) Total VOC emissions shall be the sum of all solvent wipes used. [District Rule 2201]
10. For all body assembly operations, the VOC content of materials applied, less water and exempt compounds, shall not exceed either of the following limits: adhesives - 250 g/l (2.09 lb/gal); or sealants - 420 g/l (3.50 lb/gal). [District Rules 2201, 4602, and 4653]
11. All adhesive, sealant, and defect oil materials utilized by this operation shall only be applied using non-air-atomizing application equipment. [District Rules 2201, 4602, and 4653]
12. The operator shall implement the following work practices for all adhesive and sealant related activities: store or dispose of adhesive products, sealant products, catalysts, thinners, fresh or spent solvents, and waste solvent materials such as cloth, paper, etc., in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. The containers used for disposal of adhesive materials, solvents, or any unused VOC containing materials shall be self-closing; ensure that mixing containers for used VOC-containing adhesive products and sealant products and process-related waste materials are kept closed at all times except when depositing or removing these materials; minimize spills of VOC-containing adhesive products, and sealant products, and process-related waste materials; and convey VOC-containing adhesive products, sealant products, and process-related waste materials from one location to another in closed containers or pipes. [District Rule 4653]
13. When liquid organic solvent is used for cleaning operations, the permittee shall not use solvents that have a VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rules 4602 and 4653]
14. When participating in liquid organic solvent cleaning activities, the operator shall implement the following work practices: minimize spills of VOC-containing cleaning materials; convey VOC-containing cleaning materials from one location to another in closed containers or pipes; and minimize VOC emissions from cleaning of application, storage, mixing, and conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers. [District Rule 4653]
15. Cleaning activities that use liquid organic solvents shall be performed by one or more of the following methods: wipe cleaning; application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rules 4602 and 4653]
16. Liquid solvents shall not be atomized into the open air unless it is vented to a VOC emission control system. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described elsewhere in this permit. Aerosol spray solvents shall not be used as a part of this sealant application operation. [District Rules 4602 and 4653]
17. The permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings, adhesives or sealants unless an enclosed system, or equipment proven to be equally effective at controlling emissions, is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use. [District Rules 4602 and 4653]

18. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602 and 4653]
19. The permittee shall calculate and record the following: VOC emissions from main body assembly (lb/day); VOC emissions from body closures (lb/day); VOC emissions from metal finish inspection and repair (lb/day); and VOC emissions from the surface cleaning operation (lb/day). Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rule 2201]
20. The permittee shall maintain records of the following: quantity of adhesives used (gal); quantity of sealants used (gal); quantity of defect oil used (gal), quantity of liquid solvent used (gal); quantity of solvent wipes used (sheets); and the number of days the body assembly operation was utilized during any given month. [District Rules 2201, 4602 and 4653]
21. The permittee shall maintain and have available at all times a current list of coatings, adhesives, sealants, defect oils, and liquid solvents in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter) and specific chemical constituents of coatings as applied; and the VOC content and specific chemical constituents of solvents used for surface preparation and cleanup. [District Rules 4602 and 4653]
22. Permittee shall keep the following records for liquid organic solvent cleaning activities: quantity of liquid organic solvents used on a daily basis; manufacturers product data sheet or MSDS for solvents used; and maintain a current list of solvents that are being used for organic solvent cleaning activities that includes the name of the solvent and its manufacturer's name, the VOC content of the solvent expressed in grams per liter or pounds per gallon, when the solvent is a mixture of different materials that are blended by the operator, the mix ratio of the batch would be recorded in order to determine compliance with the specified limits of VOC content, as applied, and the type of cleaning activity for which each solvent is used. [District Rule 4653]
23. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; adhesive/sealant line purging; flushing of adhesive/sealant systems; cleaning of adhesive/sealant application areas; and other housekeeping measures. [District Rule 4602]
24. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4653]



## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-6-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

MOTOR VEHICLE ASSEMBLY DIP COATING LINE (E-COAT) CONSISTING OF SIX DIP TANKS, ONE FINAL RINSE STATION, ELECTRODEPOSITION APPLICATION EQUIPMENT, ASSOCIATED ENCLOSED PROCESS TANKS, METERING AND DOSING EQUIPMENT AND A PERMIT EXEMPT CURING OVEN WITH TWO NATURAL GAS-FIRED BURNERS (CLOSED INDIRECT FIRED HEAT TRANSFER SYSTEMS, EQUAL TO OR LESS THAN 5 MMBTU/HR) SERVED BY ONE 5.2 MMBTU/HR REGENERATIVE THERMAL OXIDIZER (RTO SHARED WITH PERMIT C-9248-8)

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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6. Emissions from the curing of all coating materials shall be vented and controlled by the regenerative thermal oxidizer (RTO) described on permit C-9248-8. The RTO shall be in operation whenever any product is being cured in the e-coat oven. [District Rule 2201]
7. No coatings, solvents, or additives containing hexavalent chromium, cadmium, lead, or nickel shall be used. [District Rule 4102]
8. The volatile organic compound (VOC) emissions from all coating activities performed by this electrodeposition coating (e-coat) operation, at the dip tanks shall not exceed either of the following limits: 12.4 lb/day or 3,858 lb/year. [District Rules 2201 and 4102]
9. The VOC emissions from all curing activities performed by this e-coat operation shall not exceed either of the following limits: 1.1 lb/day or 345 lb/year. [District Rule]
10. The VOC emissions from the surface cleaning operation (i.e. cleaning of any surfaces associated with this coating operation with solvent wipes and aerosol solvents) shall not exceed 2.0 lb/day. [District Rule 2201]
11. The VOC emissions from all pretreatment and coating activities performed by this e-coat operation shall be calculated as follows: VOC emissions = Production (vehicles/day) x 0.386 lb-VOC/vehicle. [District Rule 2201]
12. The VOC emissions from all curing activities performed by this e-coat operation shall be calculated as follows: VOC emissions = [Production (vehicles/day) x 0.69 (lb-VOC/vehicle)] x 0.05. [District Rule 2201]
13. The VOC emissions from the use of solvent materials associated with surface cleaning activities shall be determined as follows: 1) VOC emissions from aerosol solvents = VOC content, as applied (lb/gal) x Usage (gal); 2) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 3) total VOC emissions shall be the sum of VOC emissions from all liquid aerosol solvents and/or solvent wipes used. [District Rule 2201]
14. The maximum amount of aerosol solvent used at this facility shall not exceed 160 fluid ounces during any given day. Aerosol solvents used shall be supplied to the facility in containers with a net volume of 16 fluid ounces or less, or a net weight of one pound or less. [District Rules 4602 and 4663]
15. The VOC emission limit from all coatings applied by this e-coat operation, based on the amount of solids deposited on components coated, shall not exceed 0.084 kilograms of VOC per liter of deposited solids (0.7 lb of VOC per gallon of deposited solids), on a daily weighted average basis. [District Rules 2201 and 4602, and 40 CFR 60.392]
16. The VOC emission limits from all coatings applied by this e-coat operation, based on the amount of solids deposited on components coated, shall be determined using the following equation:  $N = G * [1 - (F * E)]$ . Where N = VOC emissions (lb/gal of deposited solids); G is the total amount of uncontrolled VOC emissions generated by the e-coat operation = [(VOC content of each coating, as applied (lb/gal) x Usage (gal)) + VOC emissions generated by curing of coatings in oven (lb)] / [Solids content of each coating applied, by volume (volume %) x Usage (gal)]; F is the fraction of total VOC which is emitted by the e-coat operation that is controlled by the RTO = sum of the uncontrolled VOC emissions from the e-coat operation entering the RTO / sum of uncontrolled VOC emissions from all e-coat operations at the facility; and E = the destruction efficiency of the RTO, as measured during the most recent source test. [District Rules 2201 and 4602, and 40 CFR 60.393]
17. Only electrodeposition or dip pretreatment and coating application equipment, or other application equipment approved by the District in writing, shall be used to apply VOC containing coating and pre-treatment materials. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4602]
18. When liquid organic solvent is used for cleaning operations, except for aerosol solvents described in this permit, the permittee shall not use solvents that have a VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rules 4602 and 4663]

19. Cleaning activities that use liquid organic solvents shall be performed by one or more of the following methods: wipe cleaning; application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rules 4602 and 4663]
20. Liquid solvents shall not be atomized into the open air unless it is an aerosol solvent, as described in this permit, or the solvent is vented to a VOC emission control system. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described elsewhere in this permit. [District Rule 4602]
21. The permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system, or equipment proven to be equally effective at controlling emissions, is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use. [District Rule 4602]
22. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602 and 4663]
23. The permittee shall calculate and record the following: VOC emissions from all coating activities performed by this e-coat operation (lb/day); VOC emissions from curing activities performed by this e-coat operation (lb/day); VOC emissions from the surface cleaning operation (lb/day); and VOC emission limits from all coatings applied by the e-coat operation, based on the amount of solids applied on components coated (lb-VOC/gallon applied solids). Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rules 2201 and 4602, and 40 CFR 60.395]
24. The permittee shall maintain records of the total annual VOC emissions from this e-coat operation (lb/year) and those records shall be updated at least once per month. [District Rule 2201]
25. The permittee shall maintain records of the following: quantity of vehicles coated, quantity of coatings used (gal); quantity of liquid solvents used (gal); quantity of aerosol solvents used (gal), quantity of solvent wipes used (sheets); and the number of days this e-coat line was in operation during any given month. [District Rules 2201, 4602, and 4663, and 40 CFR 60.395]
26. The permittee shall maintain and have available at all times a current list of coatings and solvents in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter); the VOC content of solvents used for surface preparation and cleanup, the solids content of each coating by weight; and the solids content of each coating, by volume. [District Rules 2201 and 4602, and 40 CFR 60.395]
27. The permittee shall maintain a copy of the manufacturer's product data sheet or materials safety data sheet for all solvents used for organic solvent cleaning activities. [District Rule 4663]
28. The owner or operator shall identify, record, and submit a written report at least once every calendar quarter for each instance in which the volume-weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids exceeds the limits specified in this permit. The report is due on the 30th day following the end of the calendar quarter and shall include the following: time intervals; data and magnitude of excess emissions; nature and the cause of excess emissions (if known); and corrective actions taken and preventative measures adopted. If no exceedances occurred during a calendar quarter, a report stating this shall be submitted at least once every six months. [40 CFR 60.395]

CONDITIONS CONTINUE ON NEXT PAGE



29. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; coating line purging; flushing of coating systems; cleaning of spray booth grates, walls, and equipment, cleaning external spray booth areas; and other housekeeping measures. [District Rule 4602]
30. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4663]

## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-7-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

E-COAT PAINT SANDING AND SEALING OPERATION CONSISTING OF WET SANDING UNIT(S), ONE PULL-THROUGH OPEN-END BOOTH WITH DRY EXHAUST FILTERS AND A 1.808 MMBTU/HR, OR EQUIVALENT, NATURAL GAS FIRED BOOTH HEATER, AND TWO SEALING DECKS WITH NON-ATOMIZING APPLICATION EQUIPMENT

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

### CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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7. The permittee shall obtain APCO approval for the use of any equivalent sanding booth heater not specifically approved by this Authority to Construct. Approval of an equivalent sanding booth heater shall only be made after the APCO's determination that the submitted design and performance data for the proposed sanding booth heater is equivalent to the approved sanding booth heater. [District Rule 2201]
8. The permittee's request for approval of an equivalent sanding booth heater shall include the following information: sanding booth heater manufacturer and model number, maximum heat input rating, and manufacturer's guaranteed NOx emission rate/concentration. [District Rule 2201]
9. No emission factor and no emissions shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
10. The permittee's request for approval of an equivalent sanding booth heater shall be submitted to the District at least 90 days prior to the planned installation date. The permittee shall also notify the District at least 30 days prior to the actual installation of the District approved equivalent sanding booth heater. [District Rule 2201]
11. The volatile organic compound (VOC) emissions from the sealing operation shall not exceed either of the following limits: 1.2 lb/day or 360 lb/year. [District Rule 2201]
12. The VOC emissions from the surface cleaning operation (i.e. cleaning of any surfaces associated with the e-coat paint sanding and sealing operation with solvent wipes) shall not exceed 2.0 lb/day [District Rule 2201]
13. The Particulate matter (PM10) emission rate from the paint sanding operation shall not exceed 1.2 lb/day. [District Rule 2201]
14. The booth heater shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801]
15. Emissions from the booth heater shall not exceed any of the following limits: 0.036 lb-NOx/MMBtu (equivalent to 30 ppmv @ 3% O<sub>2</sub>), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.20 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rule 2201]
16. The VOC emissions from the use of sealant materials associated with this operation shall be determined as follows: 1) VOC emissions = [VOC content, as applied (lb/gal) x Usage (gal)] x 0.05; and 2) Total VOC emissions shall be the sum of all sealants used. [District Rule 2201]
17. The VOC emissions from the use of solvent materials associated with this operation shall be determined as follows: 1) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 2) Total VOC emissions shall be the sum of all solvent wipes used. [District Rule 2201]
18. The PM10 emissions from the paint sanding operation shall be calculated as follows: PM10 emissions = production (vehicles sanded/day) x 0.029138. [District Rule 2201]
19. The VOC content of all sealants applied by this operation shall not exceed 420 g/l (3.50 lb/gal), excluding water and exempt compounds. [District Rules 2201, 4602, and 4653]
20. All sealant materials utilized by this operation shall only be applied using non-air-atomizing application equipment. [District Rules 2201, 4602, and 4653]
21. The operator shall implement the following work practices for all adhesive and sealant related activities: store or dispose of adhesive products, sealant products, catalysts, thinners, fresh or spent solvents, and waste solvent materials such as cloth, paper, etc., in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. The containers used for disposal of adhesive materials, solvents, or any unused VOC containing materials shall be self-closing; ensure that mixing containers for used VOC-containing adhesive products and sealant products and process-related waste materials are kept closed at all times except when depositing or removing these materials; minimize spills of VOC-containing adhesive products, and sealant products, and process-related waste materials; and convey VOC-containing adhesive products, sealant products, and process-related waste materials from one location to another in closed containers or pipes. [District Rule 4653]
22. When liquid organic solvent is used for cleaning operations, the permittee shall not use solvents that have a VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rules 4602 and 4653]



23. When participating in liquid organic solvent cleaning activities, the operator shall implement the following work practices: minimize spills of VOC-containing cleaning materials; convey VOC-containing cleaning materials from one location to another in closed containers or pipes; and minimize VOC emissions from cleaning of application, storage, mixing, and conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers. [District Rule 4653]
24. Cleaning activities that use liquid organic solvents shall be performed by one or more of the following methods: wipe cleaning; application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rules 4602 and 4653]
25. Liquid solvents shall not be atomized into the open air unless it is vented to a VOC emission control system. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described elsewhere in this permit. Aerosol spray solvents shall not be used as a part of this sealant application operation. [District Rules 4602 and 4653]
26. The permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings, adhesives or sealants unless an enclosed system, or equipment proven to be equally effective at controlling emissions, is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use. [District Rules 4602 and 4653]
27. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602 and 4653]
28. The permittee shall calculate and record the following: VOC emissions from the sealing operation (lb/day); VOC emissions from the surface cleaning operation (lb/day); and PM10 emissions from the e-coat paint sanding operation (lb/day). Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rule 2201]
29. The permittee shall maintain records of the following: quantity of vehicles sanded; quantity of sealants used (gal); quantity of liquid solvent used (gal); quantity of solvent wipes used (sheets); and the number of days the sanding and sealing operation were utilized during any given month. [District Rules 2201, 4602 and 4653]
30. The permittee shall maintain records of the annual VOC emissions from the sealing operation (lb/year) and those records shall be updated at least once per month. [District Rule 2201]
31. The permittee shall maintain and have available at all times a current list of coatings, adhesives, sealants, and liquid solvents in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter) and specific chemical constituents of coatings as applied; and the VOC content and specific chemical constituents of solvents used for surface preparation and cleanup. [District Rules 4602 and 4653]
32. Permittee shall keep the following records for liquid organic solvent cleaning activities: quantity of liquid organic solvents used on a daily basis; manufacturers product data sheet or MSDS for solvents used; and maintain a current list of solvents that are being used for organic solvent cleaning activities that includes the name of the solvent and its manufacturer's name, the VOC content of the solvent expressed in grams per liter or pounds per gallon, when the solvent is a mixture of different materials that are blended by the operator, the mix ratio of the batch would be recorded in order to determine compliance with the specified limits of VOC content, as applied, and the type of cleaning activity for which each solvent is used. [District Rule 4653]

33. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; sealant line purging; flushing of sealant systems; cleaning of sealant application areas; and other housekeeping measures. [District Rule 4602]
34. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4653]

## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-8-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

MOTOR VEHICLE ASSEMBLY COATING OPERATION (MAIN PAINT LINE) CONSISTING OF ONE PREP BOOTH ZONE, ONE DOWNDRAFT PAINT SPRAY ZONE WITH DRY EXHAUST FILTERS AND ROBOTIC ELECTROSTATIC APPLICATION EQUIPMENT, FIVE PERMIT EXEMPT NATURAL GAS-FIRED CURING OVENS (CLOSED INDIRECT FIRED HEAT TRANSFER SYSTEMS, EACH LESS THAN 5 MMBTU/HR), ONE TRANSFER ZONE AND TWO COOLING STATIONS. PAINT SPRAY ZONE, CURING OVENS, AND TRANSFER ZONE ALL SERVED BY A 5.2 MMBTU/HR NATURAL GAS-FIRED REGENERATIVE THERMAL OXIDIZER (RTO SHARED WITH PERMIT C-9248-6)

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. The air seal system, all associated ventilation systems, and the regenerative thermal oxidizer (RTO) shall be in use whenever any emission generating equipment associated with the main paint line spray zone, transfer zone, or curing ovens are in operation. [District Rules 2201 and 4602]
8. The overall VOC capture and control efficiency of the air seal system and the RTO serving the paint spray zone, curing ovens, and transfer zone shall be maintained at a minimum of 95%. [District Rules 2201, 4602, and 40 CFR 60.392]
9. All coating shall be conducted in the paint spray zone with filters in place, fan(s) operating, and air seals operating. [District Rule 2201]
10. The RTO exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
11. No coatings, solvents, or additives containing hexavalent chromium, cadmium, lead, or nickel shall be used. [District Rule 4102]
12. The volatile organic compound (VOC) emissions from all coating activities performed by this coating operation shall not exceed either of the following limits: 70.2 lb/day or 13,562 lb/year. [District Rules 2201 and 4102]
13. The VOC emissions from the surface cleaning operation (i.e. cleaning of any surfaces associated with this coating operation with solvent wipes and aerosol solvents) shall not exceed 2.0 lb/day. [District Rule 2201]
14. The PM10 emission rate from the prep booth paint sanding operation shall not exceed 1.6 lb/day. [District Rule 2201]
15. The particulate matter (PM10) emission rates from all coating activities performed by this coating operation shall not exceed either of the following limits: 7.9 lb/day or 1,637 lb/year. [District Rule 2201]
16. The RTO shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801]
17. Emissions from the combustion of natural gas in the RTO shall not exceed any of the following limits: 0.036 lb-NO<sub>x</sub>/MMBtu (equivalent to 30 ppmv @ 3% O<sub>2</sub>), 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.0076 lb-PM10/MMBtu, 0.2956 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rule 2201]
18. The VOC emissions from all coating activities performed by this coating operation shall be determined as follows: 1) VOC emissions from each coating, primer, and/or liquid solvent applied shall be calculated as follows: VOC emissions = [VOC content (lb/gal), as applied x Usage (gal)] x 0.05; and 2) total VOC emissions shall be the sum of the VOC emissions from all coatings, primers, and/or liquid solvents used. [District Rule 2201]
19. The VOC emissions from the use of solvent materials associated with surface cleaning activities shall be determined as follows: 1) VOC emissions from aerosol solvents = VOC content, as applied (lb/gal) x Usage (gal); 2) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 3) total VOC emissions shall be the sum of VOC emissions from all liquid aerosol solvents and/or solvent wipes used. [District Rule 2201]
20. The PM10 emissions from the prep booth paint sanding operation shall be calculated as follows: PM10 emissions = Production (vehicles sanded/day) x 0.038321. [District Rule 2201]
21. The PM10 emissions from each coating and/or primer applied shall be calculated as follows: PM10 emissions = Coating and/or primer density (lb/gallon) x Coating and/or primer solids content, by weight (%) x Usage (gal) x 0.005. The total PM10 emissions shall be the sum of the PM10 emissions from all coating and/or primers applied. [District Rule 2201]
22. The RTO shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]
23. The combustion zone of the RTO shall be maintained at a temperature of at least 1,400 degrees F. [District Rule 2201 and 40 CFR 60.394]
24. The RTO shall be equipped with a continuous temperature monitoring and recording device installed in the firebox, in operation at all times. [District Rule 2201 and 40 CFR 60.394]
25. Each temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. [District Rule 2201 and 40 CFR 60.394]

26. Source testing to measure the VOC control efficiency of the RTO shall be conducted within 90 days of initial startup and at least once every 12 months thereafter. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
27. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081 and 40 CFR 60.395]
28. The control efficiency of the RTO shall be determined using EPA Test Methods 2, 2A, or 2D for measuring flow rates and EPA Test Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device(s). EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rules 2201 and 4602, and 40 CFR 60.396]
29. For emissions source testing, the arithmetic average of three 60-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the testing cannot be used to demonstrate compliance with an application limit. [District Rule 2201 and 40 CFR 60.396]
30. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
31. An initial demonstration of the VOC capture efficiency of the main paint line and associated air seal system vented to the RTO shall be conducted within 90 days of initial start-up. The initial demonstration of the VOC capture efficiency shall consist of a visual verification using smoke tubes that there is a continuous inward flow of air to the paint spray zone and transfer zone. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
32. Ongoing compliance with the VOC capture efficiency of the main paint line and associated air seal system vented to the RTO shall be verifiable at all times based on a visual inspection of lightweight strips of paper or fabric hung such that the direction of the airflow is indicated. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
33. The direction of airflow of that air seals at the spray zone entrance and exit shall be indicated by lightweight strips of fabric or paper and these strips must indicate, by visual inspection, that airflow is directed into the spray zone. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
34. The direction of airflow in the air seal before the exit of the transfer zone entering the final cooling zone shall be indicated by lightweight strips of paper or fabric and these strips must indicate, by visual inspection, that airflow is directed into the transfer zone. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
35. The lightweight strips of paper or fabric required for verification of direction of airflow shall be installed and spaced evenly around the air sealed openings to the spray zone and transfer zone. An adequate quantity shall be installed to demonstrate that the airflow is traveling into the spray zone and transfer zone across the entire area of each air-sealed openings. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
36. If a visual inspection of the lightweight strips of fabric or paper reveals that airflow is not directed into the spray zone and/or into the transfer zone, the permittee shall cease operation of all emission producing activities associated with the main paint line. Operation shall not recommence until the problem has been identified and corrected and visual inspections show that all airflow is going into the spray zone and/or transfer zone. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
37. Compliance with the 95% overall capture and control efficiency of the air seal system and the RTO shall be demonstrated at least once every 12 months using the following equation:  $OCC = \{1 - [(CAP * (1 - CE)) + (1 - CAP)]\} * 100\%$ ; where OCC is the overall capture and control efficiency of the system; CAP is the VOC capture efficiency of the system, based on visual inspections of air seal systems; and CE is the VOC control efficiency the RTO, taken from the most recent source test performed by the facility for control efficiency. [District Rules 2201, 4602, 4663, and 40 CFR 60.396]
38. The maximum amount of aerosol solvent used at this facility shall not exceed 160 fluid ounces during any given day. [District Rule 4663]

39. Except for the coatings applied by the electrodeposition coating operation (e-coat), the VOC emission limits from all other coatings applied by this facility shall not exceed the following: primer-surfacer operations/guide coats - 1.40 kilograms of VOC per liter of deposited solids (11.68 lb of VOC per gallon of deposited solids) on a daily weighted average basis; and topcoat operations - 1.44 kilograms of VOC per liter of deposited solids (12.0 pounds of VOC per gallon of deposited solids) on a daily weighted average basis. For the purposes of demonstrating compliance with the VOC emission limits specified in this condition, polish shall be considered a coating and the use of adhesion promoters shall not be included in the determination. [District Rule 2201 and 40 CFR 60.392]
40. Except for the coatings applied by the electrodeposition coating operation (e-coat), compliance with the VOC emission limits from all other coatings applied by this facility, based on the amount of solids applied on components coated, shall be determined using the following equation:  $N = G * [1 - (F * E)]$ . Where N = VOC emissions (lb/gal of applied solids);  $G = \{[\text{VOC content of each coating, as applied (lb/gal)} \times \text{Usage (gal)}] / [\text{Solids fraction of each coating applied, by volume (volume \%)} \times \text{Usage (gal)} \times \text{TE (\%)}]\}$ ; F (fraction of total VOC which is emitted by the facility that is controlled by the RTO) = sum of the uncontrolled VOC emissions from the main paint line entering the RTO / sum of uncontrolled VOC emissions from all coating operations at the facility; E = the destruction efficiency of the RTO, as measured during the most recent source test; and TE (transfer efficiency of application equipment used) = 90% for automatic electrostatic, 75% for HVLP, and 100% for polishing buffers. Compliance with the lb-VOC/gal of applied solids emission limits specified in this permit shall be determined for both primer-surfacers/guide coats and topcoats separately. [District Rule 2201 and 40 CFR 60.393]
41. Cleaning activities that use liquid organic solvents shall be performed inside of the main paint line air seal system with all emissions vented to the RTO. [District Rule 4602]
42. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602, and 4663]
43. The permittee shall calculate and record the following: VOC emissions (lb/day) from all coating activities performed by this coating operation; VOC emissions (lb/day) from the surface cleaning operation; VOC emission limits from all coatings applied by the facility, based on the amount of solids applied on components coated (lb/gallon applied solids); and PM10 emissions (lb/day) from this coating operation. Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rules 2201 and 4602, and 40 CFR 60.395]
44. The permittee shall maintain records of the total annual VOC and PM10 emissions from this coating operation (lb/year) and those records shall be updated at least once per month. [District Rule 2201]
45. The permittee shall maintain records of the following: quantity of vehicles sanded in the prep booth; quantity of coatings used (gal); quantity of liquid solvents used (gal); quantity of aerosol solvents used (gal), quantity of solvent wipes used (sheets); and the number of days the main paint line was in operation during any given month. [District Rules 2201, 4602, and 4663]
46. The permittee shall maintain and have available at all times a current list of coatings and solvents in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter); the VOC content of solvents used for surface preparation and cleanup, the solids content of each coating by weight; and the solids content of each coating, by volume. [District Rules 2201 and 4602, and 40 CFR 60.395]
47. The permittee shall maintain a copy of the manufacturer's product data sheet or materials safety data sheet for all solvents used for organic solvent cleaning activities. [District Rule 4663]
48. The permittee shall maintain continuous records of the thermal oxidizer combustion temperature. [District Rule 2201 and 40 CFR 60.395]
49. The permittee shall maintain records of the capture efficiency of the air seal system serving the main paint line and the destruction efficiency of the RTO, as determined using the most recent source test results for these parameters, and a description of the method used to establish the fraction of VOC captured and sent to the control device for the facility. [40 CFR 60.392]

CONDITIONS CONTINUE ON NEXT PAGE



50. The permittee shall maintain a report that documents every three-hour period in which the average RTO combustion temperature measured is more than 28 °C (82.4 °F) less than the average temperature measured during the most recent control device performance test at which the destruction efficiency was determined. If no such periods occur, the permittee shall submit a negative report. [40 CFR 60.395]
51. The owner or operator shall identify, record, and submit a written report at least once every calendar quarter for each instance in which the volume-weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids exceeds the limits specified in this permit. The report is due on the 30th day following the end of the calendar quarter and shall include the following: time intervals; data and magnitude of excess emissions; nature and the cause of excess emissions (if known); and corrective actions taken and preventative measures adopted. If no exceedances occurred during a calendar quarter, a report stating this shall be submitted at least once every six months. [40 CFR 60.395]
52. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; coating line purging; flushing of coating systems; cleaning of spray booth grates, walls, and equipment, cleaning external spray booth areas; and other housekeeping measures. [District Rule 4602]
53. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4663]

## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-9-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

FINAL REPAIR MOTOR VEHICLE COATING OPERATION CONSISTING OF A PAINT SPRAY BOOTH WITH DRY EXHAUST FILTERS, HVLP APPLICATION EQUIPMENT, AND ONE 1.50 MMBTU/HR, OR EQUIVALENT, NATURAL GAS-FIRED BOOTH HEATER

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjolle, Director of Permit Services

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7. The permittee shall obtain APCO approval for the use of any equivalent paint booth heater not specifically approved by this Authority to Construct. Approval of an equivalent paint booth heater shall only be made after the APCO's determination that the submitted design and performance data for the proposed paint booth heater is equivalent to the approved paint booth heater. [District Rule 2201]
8. The permittee's request for approval of an equivalent paint booth heater shall include the following information: paint booth heater manufacturer and model number, maximum heat input rating, and manufacturer's guaranteed NOx emission rate/concentration. [District Rule 2201]
9. No emission factor and no emissions shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
10. The permittee's request for approval of an equivalent paint booth heater shall be submitted to the District at least 90 days prior to the planned installation date. The permittee shall also notify the District at least 30 days prior to the actual installation of the District approved equivalent paint booth heater. [District Rule 2201]
11. All coating shall be conducted in booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201]
12. The paint booth exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
13. No coatings, solvents, or additives containing hexavalent chromium, cadmium, lead, or nickel shall be used. [District Rule 4102]
14. The volatile organic compound (VOC) emissions from all coating activities performed by this final repair coating operation shall not exceed either of the following limits: 30.0 lb/day or 2,000 lb/year. [District Rules 2201 and 4102]
15. The VOC emissions from the surface cleaning operation (i.e. cleaning of any surfaces associated with this final repair coating operation with solvent wipes and aerosol solvents) shall not exceed 2.0 lb/day. [District Rules 2201 and 4102]
16. The particulate matter (PM10) emission rates from all coating activities performed by this final repair coating operation shall not exceed either of the following limits: 2.4 lb/day or 158 lb/year. [District Rule 2201]
17. The booth heater shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801]
18. Emissions from the booth heater shall not exceed any of the following limits: 0.036 lb-NOx/MMBtu (equivalent to 30 ppmv @ 3% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.20 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rule 2201]
19. The VOC emissions from all coating activities performed by this final repair coating operation shall be determined as follows: 1) VOC emissions from each coating, primer, and/or liquid solvent applied shall be calculated as follows: VOC emissions = VOC content (lb/gal), as applied x Usage (gal); and 2) Total VOC emissions shall be the sum of the VOC emissions from all coatings, primers, and/or liquid solvents. [District Rule 2201]
20. The VOC emissions from the use of solvent materials associated with surface cleaning activities shall be determined as follows: 1) VOC emissions from aerosol solvents = VOC content, as applied (lb/gal) x Usage (gal); 2) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 3) total VOC emissions shall be the sum of VOC emissions from all liquid aerosol solvents and/or solvent wipes used. [District Rule 2201]
21. PM10 emissions from each coating and/or primer applied shall be calculated as follows: PM10 emissions = Coating and/or primer density (lb/gallon) x Coating and/or primer solids content, by weight (%) x Usage (gallons/day) x 0.0125. The total PM10 emissions shall be the sum of the PM10 emissions from all coating and/or primers applied. [District Rule 2201]
22. The maximum amount of aerosol solvent used at this facility shall not exceed 160 fluid ounces during any given day. Aerosol solvents used shall be supplied to the facility in containers with a net volume of 16 fluid ounces or less, or a net weight of one pound or less. [District Rules 4602 and 4663]
23. The VOC content of all coatings applied by this final repair operation shall not exceed 4.8 lb-VOC/gallon, less water and exempt solvents. For the purposes of demonstrating compliance with the VOC emission limit specified in this condition, the use of adhesion promoters shall not be included in the determination. [District Rules 2201 and 4602]

24. Except for the coatings applied by the electrodeposition coating operation (e-coat), the VOC emission limits from all other coatings applied by this facility shall not exceed the following: primer-surfacer operations/guide coats - 1.40 kilograms of VOC per liter of deposited solids (11.68 lb of VOC per gallon of deposited solids) on a daily weighted average basis; and topcoat operations - 1.44 kilograms of VOC per liter of deposited solids (12.0 pounds of VOC per gallon of deposited solids on a daily weighted average basis. For the purposes of demonstrating compliance with the VOC emission limits specified in this condition, polish shall be considered a coating and the use of adhesion promoters shall not be included in the determination. [40 CFR 60.392]
25. Except for the coatings applied by the electrodeposition coating operation (e-coat), compliance with the VOC emission limits from all other coatings applied by this facility, based on the amount of solids applied on components coated, shall be determined using the following equation:  $N = G * [1 - (F * E)]$ . Where N = VOC emissions (lb/gal of applied solids);  $G = \{[\text{VOC content of each coating, as applied (lb/gal)} \times \text{Usage (gal)}] / [\text{Solids fraction of each coating applied, by volume (volume \%)} \times \text{Usage (gal)} \times \text{TE (\%)}]\}$ ; F (fraction of total VOC which is emitted by the facility that is controlled by the RTO) = sum of the uncontrolled VOC emissions from the main paint line entering the RTO / sum of uncontrolled VOC emissions from all coating operations at the facility; E = the destruction efficiency of the RTO, as measured during the most recent source test; and TE (transfer efficiency of application equipment used) = 90% for automatic electrostatic, 75% for HVLP, and 100% for polishing buffers. Compliance with the lb-VOC/gal of applied solids emission limits specified in this permit shall be determined for both primer-surfacers/guide coats and topcoats separately. [40 CFR 60.393]
26. Only high-volume low-pressure (HVLP) spray equipment, electrostatic, brush, dip, or roll coating application equipment, or other application equipment approved by the District in writing, shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4602]
27. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rules 2201 and 4602]
28. When liquid organic solvent is used for cleaning operations, except for aerosol solvents described in this permit, the permittee shall not use solvents that have a VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rules 4602 and 4663]
29. Cleaning activities that use liquid organic solvents shall be performed by one or more of the following methods: wipe cleaning; application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4602]
30. Liquid solvents shall not be atomized into the open air unless it is an aerosol solvent, as described in this permit, or the solvent is vented to a VOC emission control system. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described elsewhere in this permit. [District Rule 4602]
31. The permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system, or equipment proven to be equally effective at controlling emissions, is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use. [District Rules 4602]



32. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602, and 4663]
33. The permittee shall calculate and record the following: VOC emissions from all coating activities performed by this final repair coating operation (lb/day); VOC emissions from the surface cleaning operation (lb/day); VOC emission limits from all coatings applied by the facility, based on the amount of solids applied on components coated (lb-VOC/gallon applied solids); and PM10 emissions from this final repair coating operation (lb/day). Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rules 2201 and 4602, and 40 CFR 60.395]
34. The permittee shall maintain records of the total annual VOC and PM10 emissions from this final repair coating operation (lb/year) and those records shall be updated at least once per month. [District Rule 2201]
35. The permittee shall maintain records of the following: quantity of coatings used (gal); quantity of liquid solvents used (gal); quantity of aerosol solvents used (gal), quantity of solvent wipes used (sheets); and the number of days this final repair coating booth was in operation during any given month. [District Rules 2201, 4602, and 4663]
36. The permittee shall maintain and have available at all times a current list of coatings and solvents in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter); the VOC content of solvents used for surface preparation and cleanup, the solids content of each coating by weight; and the solids content of each coating, by volume. [District Rules 2201 and 4602, and 40 CFR 60.395]
37. The permittee shall maintain a copy of the manufacturer's product data sheet or materials safety data sheet for all solvents used for organic solvent cleaning activities. [District Rule 4663]
38. The owner or operator shall identify, record, and submit a written report at least once every calendar quarter for each instance in which the volume-weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids exceeds the limits specified in this permit. The report is due on the 30th day following the end of the calendar quarter and shall include the following: time intervals; data and magnitude of excess emissions; nature and the cause of excess emissions (if known); and corrective actions taken and preventative measures adopted. If no exceedances occurred during a calendar quarter, a report stating this shall be submitted at least once every six months. [40 CFR 60.395]
39. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; coating line purging; flushing of coating systems; cleaning of spray booth grates, walls, and equipment, cleaning external spray booth areas; and other housekeeping measures. [District Rule 4602]
40. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4663]

## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-10-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

PAINT SANDING AND POLISHING OPERATION CONSISTING OF VACUUM SANDERS SERVED BY A EUROVAC, OR EQUIVALENT, HIGH VOLUME WET FILTRATION COLLECTION SYSTEM AND THREE ENCLOSED BOOTHS, EACH WITH DRY EXHAUST FILTERS AND ONE 1.808 MMBTU/HR, OR EQUIVALENT, NATURAL GAS-FIRED BOOTH HEATER

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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7. The permittee shall obtain APCO approval for the use of any equivalent wet filtration system and/or sanding booth heater not specifically approved by this Authority to Construct. Approval of an equivalent wet filtration system and/or sanding booth heater shall only be made after the APCO's determination that the submitted design and performance data for the proposed wet filtration system and/or sanding booth heater is equivalent to the approved wet filtration system and/or sanding booth heater. [District Rule 2201]
8. The permittee's request for approval of an equivalent wet filtration system and/or sanding booth heater shall include the following information, as applicable: wet filtration system manufacturer and model number, manufacturer's guaranteed PM10 control efficiency, sanding booth heater manufacturer and model number, maximum heat input rating, and manufacturer's guaranteed NOx emission rate/concentration. [District Rule 2201]
9. No emission factor and no emissions shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, or throughput may be authorized for any alternate equipment. [District Rule 2201]
10. The permittee's request for approval of an equivalent wet filtration system and/or sanding booth heater shall be submitted to the District at least 90 days prior to the planned installation date. The permittee shall also notify the District at least 30 days prior to the actual installation of the District approved equivalent wet filtration system and/or sanding booth heater. [District Rule 2201]
11. All sanding shall be conducted in booth with filters in place, fan(s) operating, and curtains closed. [District Rule 2201]
12. The wet filtration system and the sanding booth exhaust filtration system shall achieve a minimum overall particulate matter (PM10) capture and control efficiency of 95%. [District Rule 2201]
13. All polish materials utilized by this operation shall only be applied using non-air-atomizing application equipment. [District Rules 2201 and 4602]
14. Each sanding booth exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction [District Rule 4102]
15. The PM10 emission rate from this paint sanding operation shall not exceed 0.4 lb/day. [District Rule 2201]
16. The volatile organic compound (VOC) emissions from the polishing operation shall not exceed either of the following limits: 4.0 lb/day or 1,253 lb/year. [District Rule 2201]
17. The VOC emissions from the surface cleaning operation (i.e. cleaning of any surfaces associated with the paint sanding operation with solvent wipes and aerosol solvents) shall not exceed 2.0 lb/day. [District Rule 2201]
18. Each booth heater shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801]
19. Emissions from each booth heater shall not exceed any of the following limits: 0.036 lb-NOx/MMBtu (equivalent to 30 ppmv @ 3% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.20 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rule 2201]
20. The PM10 emissions from the paint sanding operation shall be calculated as follows: PM10 emissions = production (vehicles sanded) x 0.00974. [District Rule 2201]
21. The VOC emissions from the use of polish materials associated with this operation shall be determined as follows: 1) VOC emissions = VOC content, as applied (lb/gal) x Usage (gal); and 2) Total VOC emissions shall be the sum of all polishes used. [District Rule 2201]
22. The VOC emissions from the use of solvent materials associated with this operation shall be determined as follows: 1) VOC emissions from aerosol solvents = VOC content, as applied (lb/gal) x Usage (gal); 2) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 3) total VOC emissions shall be the sum of VOC emissions from all liquid aerosol solvents and/or solvent wipes used. [District Rule 2201]
23. The maximum amount of aerosol solvent used at this facility shall not exceed 160 fluid ounces during any given day. Aerosol solvents used shall be supplied to the facility in containers with a net volume of 16 fluid ounces or less, or a net weight of one pound or less. [District Rules 4602 and 4663]

24. Except for the coatings applied by the electrodeposition coating operation (e-coat), the VOC emission limits from all other coatings applied by this facility shall not exceed the following: primer-surfacer operations/guide coats - 1.40 kilograms of VOC per liter of deposited solids (11.68 lb of VOC per gallon of deposited solids) on a daily weighted average basis; and topcoat operations - 1.44 kilograms of VOC per liter of deposited solids (12.0 pounds of VOC per gallon of deposited solids) on a daily weighted average basis. For the purposes of demonstrating compliance with the VOC emission limits specified in this condition, polish shall be considered a coating and the use of adhesion promoters shall not be included in the determination. [District Rules 2201 and 4602, and 40 CFR 60.392]
25. Except for the coatings applied by the electrodeposition coating operation (e-coat), compliance with the VOC emission limits from all other coatings applied by this facility, based on the amount of solids applied on components coated, shall be determined using the following equation:  $N = G * [1 - (F * E)]$ . Where N = VOC emissions (lb/gal of applied solids);  $G = \{[VOC \text{ content of each coating, as applied (lb/gal)} \times \text{Usage (gal)}] / [\text{Solids fraction of each coating applied, by volume (volume \%)} \times \text{Usage (gal)} \times \text{TE (\%)}]\}$ ; F (fraction of total VOC which is emitted by the facility that is controlled by the RTO) = sum of the uncontrolled VOC emissions from the main paint line entering the RTO / sum of uncontrolled VOC emissions from all coating operations at the facility; E = the destruction efficiency of the RTO, as measured during the most recent source test; and TE (transfer efficiency of application equipment used) = 90% for automatic electrostatic, 75% for HVLP, and 100% for polishing buffers. Compliance with the lb-VOC/gal of applied solids emission limits specified in this permit shall be determined for both primer-surfacers/guide coats and topcoats separately. [District Rules 2201 and 4602, and 40 CFR 60.393]
26. When liquid organic solvent is used for cleaning operations, except for aerosol solvents described in this permit, the permittee shall not use solvents that have a VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rules 4602 and 4663]
27. Cleaning activities that use liquid organic solvents shall be performed by one or more of the following methods: wipe cleaning; application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rules 4602 and 4663]
28. Liquid solvents shall not be atomized into the open air unless it is an aerosol solvent, as described in this permit, or the solvent is vented to a VOC emission control system. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described elsewhere in this permit. [District Rule 4602]
29. The permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings or adhesives unless an enclosed system, or equipment proven to be equally effective at controlling emissions, is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use. [District Rule 4602]
30. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602 and 4663]
31. The permittee shall calculate and record the following: PM10 emissions from the paint sanding operation (lb/day); VOC emissions from the polishing operation (lb/day); VOC emissions from the surface cleaning operation (lb/day); and VOC emission limits from all coatings applied by the facility, based on the amount of solids deposited on components coated (lb-VOC/gallon applied solids). Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rules 2201 and 4602, and 40 CFR 60.395]



32. The permittee shall maintain records of the total annual VOC emissions from the polishing operation (lb/year) and those records shall be updated at least once per month. [District Rule 2201]
33. The permittee shall maintain records of the following: quantity of vehicles sanded; quantity of polish used (gal), quantity of aerosol solvent used (gal); quantity of solvent wipes used (sheets); and the number of days this paint sanding and polishing operation was utilized during any given month. [District Rules 2201, 4602, and 4663]
34. The permittee shall maintain and have available at all times a current list of coatings in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter); the VOC content of solvents used for surface preparation and cleanup, the solids content of each coating by weight; and the solids content of each coating, by volume. [District Rules 2201 and 4602, and 40 CFR 60.395]
35. The permittee shall maintain records and maintain a current list of all solvents used that includes the following: the name of each solvent and its manufacturer's name; VOC content of each solvent expressed in grams/liter or lb/gallon; the type of cleaning activity each solvent was being used for; and if applicable, when the solvent is a mixture of different materials that are blended together, the mix ratio of the batch shall be recorded and the VOC content of the batch shall be calculated and recorded in order to determine compliance with the specified VOC content limits, as applied. [District Rules 2201 and 4663]
36. The permittee shall maintain a copy of the manufacturer's product data sheet or materials safety data sheet for all solvents used for organic solvent cleaning activities. [District Rule 4663]
37. The owner or operator shall identify, record, and submit a written report at least once every calendar quarter for each instance in which the volume-weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids exceeds the limits specified in this permit. The report is due on the 30th day following the end of the calendar quarter and shall include the following: time intervals; data and magnitude of excess emissions; nature and the cause of excess emissions (if known); and corrective actions taken and preventative measures adopted. If no exceedances occurred during a calendar quarter, a report stating this shall be submitted at least once every six months. [40 CFR 60.395]
38. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; coating line purging; flushing of coating systems; cleaning of spray booth grates, walls, and equipment, cleaning external spray booth areas; and other housekeeping measures. [District Rule 4602]
39. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4663]

## AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-9248-11-0

**ISSUANCE DATE:** 08/10/2018

**LEGAL OWNER OR OPERATOR:** FARADAY&FUTURE, INC.

**MAILING ADDRESS:** PO BOX 11262  
CARSON, CA 90749

**LOCATION:** 10701 IDAHO AVE  
HANFORD, CA 93230

**EQUIPMENT DESCRIPTION:**

PLASTIC PARTS PAINT SANDING AND POLISHING OPERATION CONSISTING OF VACUUM SANDERS SERVED BY A EUROVAC, OR EQUIVALENT, HIGH VOLUME WET FILTRATION COLLECTION SYSTEM AND TWO ENCLOSED BOOTHS, EACH WITH DRY EXHAUST FILTERS AND ONE 1.808 MMBTU/HR, OR EQUIVALENT, NATURAL GAS-FIRED BOOTH HEATER

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. Prior to operating any piece of equipment authorized by Authority to Construct permits C-9248-5-0, '-6-0, '-7-0, '-8-0, '-9-0, '-10-0 or '-11-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 6,644 lb, 2nd quarter - 6,644 lb, 3rd quarter - 6,644 lb, and 4th quarter - 6,645 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 2/18/16). [District Rule 2201]
3. ERC Certificate Number S-4745-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services  
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7. The permittee shall obtain APCO approval for the use of any equivalent wet filtration system and/or sanding booth heater not specifically approved by this Authority to Construct. Approval of an equivalent wet filtration system and/or sanding booth heater shall only be made after the APCO's determination that the submitted design and performance data for the proposed wet filtration system and/or sanding booth heater is equivalent to the approved wet filtration system and/or sanding booth heater. [District Rule 2201]
8. The permittee's request for approval of an equivalent wet filtration system and/or sanding booth heater shall include the following information, as applicable: wet filtration system manufacturer and model number, manufacturer's guaranteed PM10 control efficiency, sanding booth heater manufacturer and model number, maximum heat input rating, and manufacturer's guaranteed NOx emission rate/concentration. [District Rule 2201]
9. No emission factor and no emissions shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, or throughput may be authorized for any alternate equipment. [District Rule 2201]
10. The permittee's request for approval of an equivalent wet filtration system and/or sanding booth heater shall be submitted to the District at least 90 days prior to the planned installation date. The permittee shall also notify the District at least 30 days prior to the actual installation of the District approved equivalent wet filtration system and/or sanding booth heater. [District Rule 2201]
11. All sanding shall be conducted in booth with filters in place, fan(s) operating, and curtains closed. [District Rule 2201]
12. The wet filtration system and the sanding booth exhaust filtration system shall achieve a minimum overall particulate matter (PM10) capture and control efficiency of 95%. [District Rule 2201]
13. All polish materials utilized by this operation shall only be applied using non-air-atomizing application equipment. [District Rules 2201 and 4602]
14. Each sanding booth exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
15. The PM10 emission rate from this plastic parts paint sanding operation shall not exceed 0.4 lb/day. [District Rule 2201]
16. The volatile organic compound (VOC) emissions from the polishing operation shall not exceed either of the following limits: 4.0 lb/day or 1,253 lb/year. [District Rule 2201]
17. The VOC emissions from the surface cleaning operation (i.e. cleaning of any surfaces associated with the plastic parts paint sanding operation with solvent wipes and aerosol solvents) shall not exceed 2.0 lb/day. [District Rule 2201]
18. Each booth heater shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801]
19. Emissions from each booth heater shall not exceed any of the following limits: 0.036 lb-NOx/MMBtu (equivalent to 30 ppmv @ 3% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.20 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rule 2201]
20. The PM10 emissions from the plastic parts paint sanding operation shall be calculated as follows: PM10 emissions = production (vehicles sanded) x 0.00974. [District Rule 2201]
21. The VOC emissions from the use of polish materials associated with this operation shall be determined as follows: 1) VOC emissions = VOC content, as applied (lb/gal) x Usage (gal); and 2) Total VOC emissions shall be the sum of all polishes used. [District Rule 2201]
22. The VOC emissions from the use of solvent materials associated with this operation shall be determined as follows: 1) VOC emissions from aerosol solvents = VOC content, as applied (lb/gal) x Usage (gal); 2) VOC emissions from each solvent wipe used = VOC content (lb/sheet) x Usage (sheets); and 3) total VOC emissions shall be the sum of VOC emissions from all liquid aerosol solvents and/or solvent wipes used. [District Rule 2201]
23. The maximum amount of aerosol solvent used at this facility shall not exceed 160 fluid ounces during any given day. Aerosol solvents used shall be supplied to the facility in containers with a net volume of 16 fluid ounces or less, or a net weight of one pound or less. [District Rules 4602 and 4663]

24. Except for the coatings applied by the electrodeposition coating operation (e-coat), the VOC emission limits from all other coatings applied by this facility shall not exceed the following: primer-surfacer operations/guide coats - 1.40 kilograms of VOC per liter of deposited solids (11.68 lb of VOC per gallon of deposited solids) on a daily weighted average basis; and topcoat operations - 1.44 kilograms of VOC per liter of deposited solids (12.0 pounds of VOC per gallon of deposited solids on a daily weighted average basis. For the purposes of demonstrating compliance with the VOC emission limits specified in this condition, polish shall be considered a coating and the use of adhesion promoters shall not be included in the determination. [District Rules 2201 and 4602, and 40 CFR 60.392]
25. Except for the coatings applied by the electrodeposition coating operation (e-coat), compliance with the VOC emission limits from all other coatings applied by this facility, based on the amount of solids applied on components coated, shall be determined using the following equation:  $N = G * [1 - (F * E)]$ . Where N = VOC emissions (lb/gal of applied solids);  $G = \{[\text{VOC content of each coating, as applied (lb/gal)} \times \text{Usage (gal)}] / [\text{Solids fraction of each coating applied, by volume (volume \%)} \times \text{Usage (gal)} \times \text{TE (\%)}]\}$ ; F (fraction of total VOC which is emitted by the facility that is controlled by the RTO) = sum of the uncontrolled VOC emissions from the main paint line entering the RTO / sum of uncontrolled VOC emissions from all coating operations at the facility; E = the destruction efficiency of the RTO, as measured during the most recent source test; and TE (transfer efficiency of application equipment used) = 90% for automatic electrostatic, 75% for HVLP, and 100% for polishing buffers. Compliance with the lb-VOC/gal of applied solids emission limits specified in this permit shall be determined for both primer-surfacers/guide coats and topcoats separately. [District Rules 2201 and 4602, and 40 CFR 60.393]
26. When liquid organic solvent is used for cleaning operations, except for aerosol solvents described in this permit, the permittee shall not use solvents that have a VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rules 4602 and 4663]
27. Cleaning activities that use liquid organic solvents shall be performed by one or more of the following methods: wipe cleaning; application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rules 4602 and 4663]
28. Liquid solvents shall not be atomized into the open air unless it is an aerosol solvent, as described in this permit, or the solvent is vented to a VOC emission control system. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described elsewhere in this permit. [District Rule 4602]
29. The permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings or adhesives unless an enclosed system, or equipment proven to be equally effective at controlling emissions, is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use. [District Rule 4602]
30. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rules 4602 and 4663]
31. The permittee shall calculate and record the following: PM10 emissions from the paint sanding operation (lb/day); VOC emissions from the polishing operation (lb/day); VOC emissions from the surface cleaning operation (lb/day); and VOC emission limits from all coatings applied by the facility, based on the amount of solids deposited on components coated (lb-VOC/gallon applied solids). Records shall be maintained on a monthly basis, with the ability to calculate daily averages based on the number of operating days in any given month. For each month, daily average records shall be updated by no later than the end of the following month. [District Rules 2201 and 4602, and 40 CFR 60.395]



32. The permittee shall maintain records of the total annual VOC emissions from the polishing operation (lb/year) and those records shall be updated at least once per month. [District Rule 2201]
33. The permittee shall maintain records of the following: quantity of vehicles sanded; quantity of polish used (gal), quantity of aerosol solvent used (gal); quantity of solvent wipes used (sheets); and the number of days this plastic parts paint sanding and polishing operation was utilized during any given month. [District Rules 2201, 4602, and 4663]
34. The permittee shall maintain and have available at all times a current list of coatings in use which contains the following, as applicable: the mix ratio of components used; the VOC content (lb/gal or grams/liter); the VOC content of solvents used for surface preparation and cleanup, the solids content of each coating by weight; and the solids content of each coating, by volume. [District Rules 2201 and 4602, and 40 CFR 60.395]
35. The permittee shall maintain records and maintain a current list of all solvents used that includes the following: the name of each solvent and its manufacturer's name; VOC content of each solvent expressed in grams/liter or lb/gallon; the type of cleaning activity each solvent was being used for; and if applicable, when the solvent is a mixture of different materials that are blended together, the mix ratio of the batch shall be recorded and the VOC content of the batch shall be calculated and recorded in order to determine compliance with the specified VOC content limits, as applied. [District Rules 2201 and 4663]
36. The permittee shall maintain a copy of the manufacturer's product data sheet or materials safety data sheet for all solvents used for organic solvent cleaning activities. [District Rule 4663]
37. The owner or operator shall identify, record, and submit a written report at least once every calendar quarter for each instance in which the volume-weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids exceeds the limits specified in this permit. The report is due on the 30th day following the end of the calendar quarter and shall include the following: time intervals; data and magnitude of excess emissions; nature and the cause of excess emissions (if known); and corrective actions taken and preventative measures adopted. If no exceedances occurred during a calendar quarter, a report stating this shall be submitted at least once every six months. [40 CFR 60.395]
38. The permittee shall develop and implement a work practice plan to minimize VOC emissions from cleaning and purging of equipment. The plan shall specify practices and procedures utilized to ensure VOC emissions are minimized from the following operations: vehicle body wiping; coating line purging; flushing of coating systems; cleaning of spray booth grates, walls, and equipment, cleaning external spray booth areas; and other housekeeping measures. [District Rule 4602]
39. Records shall be retained on-site for a minimum of five (5) years and made available for District inspection upon request. [District Rules 1070, 4602, and 4663]

## AUTHORITY TO CONSTRUCT

PERMIT NO: C-9248-12-0

ISSUANCE DATE: 08/10/2018

LEGAL OWNER OR OPERATOR: FARADAY&FUTURE, INC.

MAILING ADDRESS: PO BOX 11262  
CARSON, CA 90749

LOCATION: 10701 IDAHO AVE  
HANFORD, CA 93230

### EQUIPMENT DESCRIPTION:

762 BHP (INTERMITTENT) PERKINS MODEL 2506C-E15TAG3 TIER 2 CERTIFIED, OR EQUIVALENT, DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR

## CONDITIONS

1. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months after commencing operation. [District Rule 2520]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. The permittee shall obtain APCO approval for the use of any equivalent IC engine not specifically approved by this Authority to Construct. Approval of an equivalent IC engine shall only be made after the APCO's determination that the submitted design and performance data for the proposed IC engine is equivalent to the approved IC engine. [District Rule 2201]
6. The permittee's request for approval of an equivalent IC engine shall include the following information: IC engine manufacturer and model number, maximum horsepower rating, and manufacturer's guaranteed emission rates. [District Rule 2201]
7. No emission factor and no emissions shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]

### CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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8. The permittee's request for approval of an equivalent IC engine shall be submitted to the District at least 90 days prior to the planned installation date. The permittee shall also notify the District at least 30 days prior to the actual installation of the District approved equivalent IC engine. [District Rule 2201]
9. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
10. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]
11. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115]
12. Emissions from this IC engine shall not exceed any of the following limits: 3.54 g-NO<sub>x</sub>/bhp-hr, 1.06 g-CO/bhp-hr, or 0.19 g-VOC/bhp-hr. [District Rule 2201 and 17 CCR 93115]
13. Emissions from this IC engine shall not exceed 0.05 g-PM<sub>10</sub>/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]
14. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
15. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
16. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 17 CCR 93115]
17. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702 and 17 CCR 93115]
18. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
19. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rules 2201, 4102, and 4702, and 17 CCR 93115]
20. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
21. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]