



State of Utah

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Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-AN122260023-26

January 29, 2026

Brad Theurer
L3 Technologies, Inc.
640 North 2200 West
Salt Lake City, UT 84116
bradley.theurer@l3harris.com

Dear Mr. Theurer:

Re: Approval Order: Administrative Amendment to Approval Order DAQE-AN122260021-23 to Replace and Remove Equipment
Project Number: N122260023

The attached Approval Order (AO) is issued pursuant to the Notice of Intent (NOI) received on August 22, 2025. L3 Technologies, Inc. must comply with the requirements of this AO, all applicable state requirements (R307), and Federal Standards.

The project engineer for this action is **Mr. Enqiang He**, who can be contacted at (801) 556-1580 or ehe@utah.gov. Future correspondence on this AO should include the engineer's name as well as the DAQE number shown on the upper right-hand corner of this letter. No public comments were received on this action.

Sincerely,

Bryce C. Bird
Director

BCB:EH:jg

cc: Salt Lake County Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

APPROVAL ORDER
DAQE-AN122260023-26
Administrative Amendment to Approval Order
DAQE-AN122260021-23 to Replace and Remove Equipment

Prepared By
Mr. Enqiang He, Engineer
(801) 556-1580
ehe@utah.gov

Issued to
L3 Technologies, Inc. - Electronic Communications Equipment
Manufacturing Plant

Issued On
January 29, 2026

Issued By

A handwritten signature in black ink, appearing to read "Bryce C. Bird".

Bryce C. Bird
Director
Division of Air Quality

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name

L3 Technologies, Inc.

Source Name

L3 Technologies, Inc. - Electronic
Communications Equipment Manufacturing
Plant

Mailing Address

640 North 2200 West
Salt Lake City, UT 84116

Physical Address

640 North 2200 West
Salt Lake City, UT 84116

Source Contact

Name: Brad Theurer
Phone: (801) 560-7845
Email: bradley.theurer@l3harris.com

UTM Coordinates

419,600 m Easting
4,515,000 m Northing
Datum NAD83
UTM Zone 12

SIC code 3669 (Communications Equipment, NEC)

SOURCE INFORMATION

General Description

L3 Technologies, Inc. operates an electronic communications equipment manufacturing plant in Salt Lake City, Salt Lake County. The company operates painting equipment, emergency generator engines, boilers, and other miscellaneous equipment.

NSR Classification

Administrative Amendment

Source Classification

Located in Northern Wasatch Front O3 NAA, Salt Lake County SO₂ NAA
Salt Lake County
Airs Source Size: B

Applicable Federal Standards

NSPS (Part 60), A: General Provisions
NSPS (Part 60), IIII: Standards of Performance for Stationary Compression Ignition Internal
Combustion Engines
NSPS (Part 60), JJJJ: Standards of Performance for Stationary Spark Ignition Internal
Combustion Engines
MACT (Part 63), A: General Provisions
MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for
Stationary Reciprocating Internal Combustion Engines

MACT (Part 63), HHHHHH: National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources

Project Description

L3 Technologies, Inc. has requested the following changes to its electronic manufacturing facility:

1. To replace the existing paint booth located in Building CA with a new one in Building X. There will be no emission changes. This replacement meets the applicability requirements per R307-401-11, Replacement-In-Kind Equipment; therefore, the replacement is conducted administratively.
2. To relocate the existing diesel-fired emergency generator engine, FC 2221, listed under II.A.4 from Building CA to Building F. There are no emission changes associated with the relocation.
3. To relocate the existing natural gas-fired emergency generator engines, FC 1003 and FC 2990, listed under II.A.3, from Buildings CA and D to Building C. There are no emission changes as a result of the relocation.
4. To remove the existing generator engine, FC 1004, SO₂ test cells, and Alodine process from the facility. There will be decreases in natural gas consumption of 101 decatherms per year and in emissions as a result of the engine removal. There are also insignificant emission reductions as a result of the SO₂ test cells and Alodine process removals. The emission reductions have been calculated and reflected in the new site-wide PTEs.

SUMMARY OF EMISSIONS

The emissions listed below are an estimate of the total potential emissions from the source. Some rounding of emissions is possible.

Criteria Pollutant	Change (TPY)	Total (TPY)
CO ₂ Equivalent	-6	2366.00
Carbon Monoxide	-0.06	9.72
Nitrogen Oxides	-0.21	14.22
Particulate Matter - PM ₁₀	0	1.71
Particulate Matter - PM _{2.5}	0	1.71
Volatile Organic Compounds	-0.01	9.84

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Chromium Compounds (CAS #CMJ500)	-16	28
Chromium VI (CAS #18540299)	0	1
Formaldehyde (CAS #50000)	-5	7
Generic HAPs (CAS #GHAPS)	-17	5556
Toluene (CAS #108883)	0	3110
Xylenes (Isomers And Mixture) (CAS #1330207)	0	3036
	Change (TPY)	Total (TPY)
Total HAPs	-0.02	5.87

SECTION I: GENERAL PROVISIONS

I.1	All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]
I.2	The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]
I.3	Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401-1]
I.4	All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Director or Director's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two (2) years. [R307-401-8]
I.5	At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401-4]
I.6	The owner/operator shall comply with UAC R307-107. General Requirements: Breakdowns. [R307-107]
I.7	The owner/operator shall comply with UAC R307-150 Series. Emission Inventories. [R307-150]
I.8	The owner/operator shall submit documentation of the status of construction or modification to the Director within 18 months from the date of this AO. This AO may become invalid if construction is not commenced within 18 months from the date of this AO or if construction is discontinued for 18 months or more. To ensure proper credit when notifying the Director, send the documentation to the Director, attn.: NSR Section. [R307-401-18]

SECTION II: PERMITTED EQUIPMENT

II.A THE APPROVED EQUIPMENT

II.A.1	L3 Technologies, Inc. A communications equipment manufacturing plant
II.A.2	One (1) Paint Booth - new Controlled with dry filter pads Air atomization spray guns Machine solvent recycler, vented Located at Building X Subject to MACT Subpart HHHHHH

II.A.3	Natural Gas-Fired Emergency Generator Engines			
	L3 ID #	Description	Building	Federal Standards
	FC 1003	Generac 100 kW	C	MACT ZZZZ equipment
	FC 2290	Generac 150 kW	C	NSPS JJJJ/MACT ZZZZ equipment
	FC 1002	Generac 100 kW	E	MACT ZZZZ equipment
	FC 1208	Generac 100 kW	F	NSPS JJJJ/MACT ZZZZ equipment
II.A.4	Diesel-Fired Emergency Generator engines			
	L3 ID #	Rated Capacity	Building	Federal Standards
	FC 2077	150 kW	X	NSPS IIII/MACT ZZZZ equipment
	FC 2221	150 kW	F	NSPS IIII/MACT ZZZZ equipment
	FC 2566	500 kW	O	NSPS IIII/MACT ZZZZ equipment
	FC 891	375 kW	F	NSPS IIII/MACT ZZZZ equipment
	FC 892	375 kW	F	NSPS IIII/MACT ZZZZ equipment
	FC 3722	755 hp	O	NSPS IIII/MACT ZZZZ equipment
II.A.5	Boilers (All boilers are fueled with natural gas) Various small boilers, each rated at less than 5 MMBtu/hr (exempt per R307-401-10(1); may be subject to R307-315) Included for information purposes only.			
II.A.6	One (1) Diesel Fuel Storage Tank Capacity: 16 bbls			
II.A.7	Miscellaneous Equipment A. Miscellaneous small boilers and hot water heaters, welding equipment, area heaters, bench-top soldering, stand-alone soldering machines, cleaning equipment, mobile pressure washers, and mobile generators (14 kW each) B. Miscellaneous vents and electric ovens.			

SECTION II: SPECIAL PROVISIONS

II.B REQUIREMENTS AND LIMITATIONS

II.B.1	Site-wide Requirements
II.B.1.a	Unless otherwise specified in this AO, the owner/operator shall not allow visible emissions from any emissions point to exceed 20% opacity. [R307-401-8]
II.B.1.a.1	Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. [R307-401-8]
II.B.2	Fuel Combustion Equipment Requirements
II.B.2.a	The owner/operator shall not allow visible emissions from the fuel combustion equipment to exceed the following limits: A. Natural gas/propane combustion - 10% opacity B. Diesel fuel combustion - 20% opacity. [R307-401-8]

II.B.2.b	The owner/operator shall not consume more than 37,457 decatherms of natural gas per rolling 12-month period. [R307-401-8]
II.B.2.b.1	<p>The owner/operator shall:</p> <ul style="list-style-type: none"> A. Determine natural gas consumption by monthly billing statements from the utility company B. Use the monthly billing statements to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months C. Keep the natural gas consumption records for all periods the plant is in operation. <p>[R307-401-8]</p>
II.B.2.c	The owner/operator shall not operate each of the emergency generator engines for more than 100 hours per rolling 12-month period for testing and maintenance operations. [R307-401-8]
II.B.2.c.1	<p>The owner/operator shall:</p> <ul style="list-style-type: none"> A. Determine hours of operation by monitoring and maintaining an operations log showing the date the generator engine was used, the type of fuel burned, the duration in hours of the engine usage, and the reason for each generator engine usage B. Use the hours of operation to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12-months C. Keep hours of operation records for all periods the plant is in operation. <p>[R307-401-8]</p>
II.B.2.d	<p>The owner/operator shall not test:</p> <ul style="list-style-type: none"> A. Each emergency generator engine before 10:00 am or after 4:00 pm each day B. Each emergency generator engine more than once per week. This does not apply if the engine is retested after it is maintained or repaired C. More than one emergency generator engine at a time. <p>[R307-410-4]</p>
II.B.2.d.1	<p>The owner/operator shall:</p> <ul style="list-style-type: none"> A. Determine compliance by monitoring and maintaining an operations log showing the date, the time, and the duration in hours each generator engine was tested B. Keep the testing records in A for all periods the plant is in operation, and C. Keep records of retesting associated with engine maintenance/repair. <p>[R307-410-4]</p>
II.B.2.e	The owner/operator shall install and operate a 755-hp emergency engine (FC 3722 in II.A.4) that is certified to meet a NO _x + NMHC emission rate of 4.8 g/hp-hr. [R307-401-8]

II.B.2.e.1	The owner/operator shall keep a record of the manufacturer's certification of the emission rate. The record shall be kept for the life of the equipment. [R307-401-8]
II.B.2.f	The owner/operator may use propane as an alternative fuel during natural gas curtailment. [R307-401-8]
II.B.3	Diesel Fuel Requirements
II.B.3.a	The owner/operator shall only use diesel fuel (e.g., fuel oil #1, #2, or diesel fuel oil additives) as fuel in each of the diesel-fired generator engines. [R307-401-8]
II.B.3.a.1	The owner/operator shall only combust diesel fuel that meets the definition of ultra-low sulfur diesel (ULSD), which has a sulfur content of 15 ppm or less. [R307-401-8]
II.B.3.a.2	To demonstrate compliance with the ULSD fuel requirement, the owner/operator shall maintain records of diesel fuel purchase invoices or obtain certification of sulfur content from the diesel fuel supplier. The diesel fuel purchase invoices shall indicate that the diesel fuel meets the ULSD requirements. [R307-203]
II.B.4	Paint Booth, Degreaser, and Cleaning Station Requirements
II.B.4.a	The owner/operator shall control emissions from the paint spray booths with a set of paint arrestor particulate filters, or equivalent, at all times. All air exiting the booths shall pass through this control system before being vented to the atmosphere (outside building/operation). The filters shall be operated and replaced in accordance with the manufacturer's recommendations. Equivalency determinations, when requested by the owner/operator, shall be submitted to the Director for approval. [R307-401-8]
II.B.4.b	The owner/operator shall not allow visible emissions from all degreasing stations and painting operations to exceed 5% opacity. [R307-401-8]
II.B.4.c	The owner/operator shall not emit more than the following from evaporative sources (painting, printing, coating, and/or cleaning) on site: 9.54 tons per rolling 12-month period of VOCs 1.56 tons per rolling 12-month period of toluene 1.52 tons per rolling 12-month period of xylenes 5.87 tons per rolling 12-month period of all HAPs combined. [R307-401-8]
II.B.4.c.1	The owner/operator shall calculate a new 12-month total by the 20th day of each month using data from the previous 12 months. The owner/operator shall use a mass-balance method to calculate emissions from evaporative sources. The owner/operator may use the following equations with applicable units to comply with the mass-balance method: $\text{VOCs} = [\% \text{ VOCs by Weight}/100] \times [\text{Density}] \times [\text{Volume Consumed}]$ $\text{HAP} = [\% \text{ HAP by Weight}/100] \times [\text{Density}] \times [\text{Volume Consumed}].$ [R307-401-8]
II.B.4.c.2	The owner/operator shall use a mass-balance method to quantify any amount of VOCs and HAPs reclaimed. The owner/operator shall subtract the amount of VOCs and HAPs reclaimed from the quantities calculated above to provide the monthly total emissions of VOCs and HAPs. [R307-401-8]

<p>II.B.4.c.3</p>	<p>The owner/operator shall keep records each month of the following:</p> <ul style="list-style-type: none"> A. The name (as per SDS) of the VOC- and HAP-emitting material B. The maximum percent by weight of VOCs and each HAP in each material used C. The density of each material used D. The volume of each VOC- and HAP-emitting material used E. The amount of VOCs and the amount of each HAP emitted from each material F. The amount of VOCs and the amount of each HAP reclaimed and/or controlled from each material G. The total amount of VOCs, the total amount of each HAP, and the total amount of all HAPs combined emitted from all materials (in tons). <p>[R307-401-8]</p>
<p>II.B.4.d</p>	<p>The VOC-containing materials and VOC-laden rags shall be stored in sealed containers (except when in use). [R307-325, R307-401-8]</p>
<p>II.B.4.e</p>	<p>The owner/operator shall comply with the applicable requirements in R307-335, Degreasing, and R307-350, Miscellaneous Metal Parts and Products Coatings. [R307-335, R307-350]</p>

PERMIT HISTORY

This Approval Order shall supersede (if a modification) or will be based on the following documents:

Supersedes
Incorporates

AO DAQE-AN122260021-23 dated May 22, 2023
NOI dated August 22, 2025

ACRONYMS

The following lists commonly used acronyms and associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by Environmental Protection Agency to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CMS	Continuous monitoring system
CO	Carbon monoxide
CO ₂	Carbon Dioxide
CO _{2e}	Carbon Dioxide Equivalent - Title 40 of the Code of Federal Regulations Part 98, Subpart A, Table A-1
COM	Continuous opacity monitor
DAQ/UDAQ	Division of Air Quality
DAQE	This is a document tracking code for internal Division of Air Quality use
EPA	Environmental Protection Agency
FDCP	Fugitive dust control plan
GHG	Greenhouse Gas(es) - Title 40 of the Code of Federal Regulations 52.21 (b)(49)(i)
GWP	Global Warming Potential - Title 40 of the Code of Federal Regulations Part 86.1818-12(a)
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
LB/YR	Pounds per year
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO _x	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM ₁₀	Particulate matter less than 10 microns in size
PM _{2.5}	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO ₂	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
TPY	Tons per year
UAC	Utah Administrative Code
VOC	Volatile organic compounds