Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

July 21, 1997

Mr. James B. Hilf
Litton Laser Systems
2787 South Orange Blossom Trail
Apopka, Florida 32703

Re: Facility No.: 0571152

Dear Mr. Hilf:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on June 2, 1997.

Please note that in January of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is $50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and is subject to the requirements of the Title V general permit.

If you have or expect to have any changes in your mailing address, location address, responsible official, or phone number, please notify the Department at the following address:

Title V General Permits Office
Bureau of Air Monitoring and Mobile Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Fl 32399-2400

If there are any changes in the facility status, including change of operating parameters or equipment, or if you have any additional questions regarding the Title V General Permit Program, please contact the District or local air program compliance inspector in your area.

Sincerely,

for Dotty Diltz, Chief
Bureau of Air Monitoring
and Mobile Sources

DD/jw

cc: Ms. Marie Driscole, Orange County

#0571152

Litton Laser Systems
Orlando

6/26/97 Spoke to James Kilf and he is the facility manager.

p17
1. add Inc. for corporation.
6. add Title for Responsible Official

p18
3(b) Choose only one. Mark out and initial one not chosen.

p19
4(b)(c)(g)(h)(i) should be marked

p20
Sign and date acknowledging changes

Halogenated Solvent Degreasers Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):
   Litton Laser Systems
2. Site Name (For example, plant name or number):
   Litton Laser Systems - Orlando
3. Hazardous Waste Generator Identification Number:
   980845820
4. Facility Location:
   Street Address: 2787 S. Orange Blossom Trail
   City: Apopka County: Orange Zip Code: 32703
5. Facility Identification Number (DEP Use): 0570152

Responsible Official

6. Name and Title of Responsible Official:
   James B. Hilf
7. Responsible Official Mailing Address:
   Organization/Firm: Litton Laser Systems
   Street Address: 2787 S. Orange Blossom Trail
   City: Apopka County: Orange Zip Code: 32703
8. Responsible Official Telephone Number:
   Telephone: (407) 297- 4625 Fax: (407) 297 - 4895

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):
   Same as Responsible Official
10. Facility Contact Address:
    Street Address:
    City: County: Zip Code:
11. Facility Contact Telephone Number:
    Telephone: ( ) - Fax: ( ) -

RECEIVED
JUN 2 1997
Bureau of Air Monitoring & Mobile Sources

Facility Information

1. Provide the information below for each machine at the facility. Indicate the type of machine, the date of its purchase, and the date the control device was installed, if applicable.

Equipment Type	ID#	Date Initially Purchased	Date Cntrl Device Installed	ID#	Date Initially Purchased	Date Cntrl Device Installed
Batch Vapor						
$x < 1.21\ m^2$	1	5/5/97	N/A			
$x > 1.21\ m^2$						
Batch Cold						
In-line						
New						
Existing						

2. (a) What was the total amount of halogenated solvents purchased in the latest 12 months?
[40] gallons

(b) If less than 12 months, how many? [1] months
Check why it is less than 12 months: New owner: [X] New store: [ ] Did not keep records: [ ]

3. (a) Please indicate which of the following halogenated solvents are used at your facility.

[X] perchloroethylene

[ ] methylene chloride

[ ] trichloroethylene

[ ] 1,1,1-trichloroethane

[ ] carbon tetrachloride

[ ] chloroform

(b) The total volume of halogenated solvent emissions shall not exceed 10 tons per year. I choose to meet this requirement by:

[X] complying with an alternative solvent emission limit

[X] implementing a control device combination/work practice standards

[ ] meeting an idling emission limit/work practice standards

[ ] meeting the requirements for batch cold cleaning machines

4. Based upon your response to 3(b), please select the appropriate control equipment combination from the list provided below. (Indicate with an "X" all options that apply to your facility.)

[X] 1.0 freeboard ratio

[ ] super-heated vapor

[X] freeboard refrigeration device

[ ] carbon adsorber

[X] dwell time

[X] working mode cover

[ ] reduced room draft

Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

(a) Purchase receipts for halogenated solvent purchases [X]

(b) Inspection records [ ]

(c) Temperature monitoring [ ]

(d) Idling emission concentration monitoring [ ]

(e) Instrument calibration [ ]

(f) Dwell time records [X]

(g) Solvent content records [ ]

(h) Remedial action log [ ]

(i) Control device monitoring [ ]

(j) Log of solvent additions and removals [X]

(k) Monthly emissions calculations [X]

(l) Rolling 3-month average emissions calculations [X]

(m) Cleaning capacity calculations [ ]

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

[ ] I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s) _____.

[X] No air permits currently exist for the operation of the facility indicated in this notification form.

Responsible Official Certification

I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.

I will promptly notify the Department of any changes to the information contained in this notification.

Signature B Kelly

Date 5/27/97

Litton

Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407-295-4010

August 29, 2002

General Permits Section
Bureau of Air Monitoring and Mobile Sources,
MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: Surrender of Title V General Permit. AIRS ID: 0951152

To Whom It May Concern:

Please be advised that Litton Systems Inc., Laser System Division, is no longer operating a vapor degreaser using Perchloroethlene as a solvent. We have not had this manufacturing process in operation for the past 18 months.

We misunderstood, and thought that if we did not re-new the permit application, we would automatically surrender the permit. Mr. John Parker, Environmental Specialist with the Orange County DEP, informed us that we were required to surrender the permit in writing. Please accept this letter as notice that we are surrendering our permit for operating a vapor degreaser using Perchloroethlene as a solvent.

Thank you!

Sincerely,
Litton Systems Inc., Laser Systems Division,

James B. Hilf
Manager of Facilities

Litton

Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407-295-4010

March 15, 2001

Ms. Sandra Bowman
Title V Air Permits Office
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Change of Status - Facility #0571152

Dear Ms. Bowman:

The Laser Systems Division of Litton Systems, Inc., located at 2787 S. Orange Blossom Trail, Apopka, Florida 32703, currently operates under a Title V General Air Permit issued by the Florida Department of Environmental Protection with respect to its vapor degreasing operation. The purpose of this letter is to notify the Florida Department of Environmental Protection of an impending change in ownership of the Laser Systems Division.

The Division's parent company, Litton Industries, Inc., and Northrop Grumman Corporation have entered into an agreement and plan of merger, pursuant to which Litton Industries, Inc. will become a wholly-owned subsidiary of Northrop Grumman Corporation. The proposed change in ownership is expected to occur on or about March 30, 2001.

The merger is not expected to result in a change in the Division's operations, including those operations covered by the above-referenced Title V General Air Permit. We understand that the Laser Systems Division will be authorized to operate under the above-referenced permit after the merger and that no further action will be required. Please advise me at your earliest possible convenience if our understanding is incorrect.

If we do not hear otherwise, we will assume that no further action is required of the Laser Systems Division and that the above-referenced permit will continue to be in full force and effect after the proposed merger. We appreciate your attention to this matter.

Sincerely,
Laser Systems Division;

James B. Hilf
Manager of Facilities

cc: J. Palmer
Senior Environmental, Health and Safety Counsel

Litton
Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

December 8, 1997

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Facility # 0571152 - Initial Compliance Report

Dear Ms. Bowman:

Pursuant to the requirement of our Title V exemption and your recent conversation with Mr. Raymond Nelson of our Corporate Environmental Affairs Department, attached is the data necessary for our initial compliance report as required by 40 CFR 63.468(e).

Sorry for the delay in providing this report. It was an oversight on our part.

Also, your letter of acceptance of our application dated July 21, 1997 indicated that this was a dry cleaning facility. This is not correct. Please update your records, we are a manufacturing facility.

If you have any questions, please call me at 407-297-4625.

Sincerely,
LITTON LASER SYSTEMS DIVISION;

James B Hilf
Facilities Lead

The following information relates to NESHAP 40 CFR 63, National Emission Standards for Halogenated Solvent Cleaning, Section 40 CFR 63.468, Reporting Requirements, paragraph "e", initial statement of compliance:

40 CFR 63.468 (e) (1):

Litton Laser Systems, 2787 So OBT, Apopka, Fl., 32703

40 CFR 63.468 (e) (2):

Same as #1 above

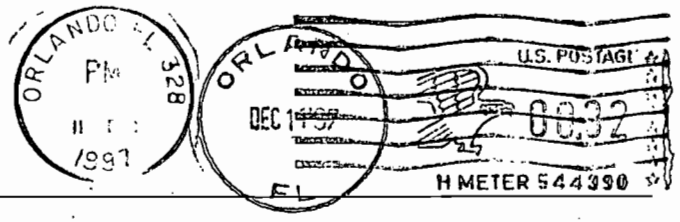
40 CFR 63.468 (e) (3):

24 1/2" x 18 1/2", or approximately .293 square meters

40 CFR 63.468 (e) (4):

$$\frac{\text{2 gals added}}{\text{3 months time}} \times \frac{\text{4405 cc}}{\text{gal}} \times \frac{\text{1.619 g}}{\text{cc}} \times \frac{\text{1 kg}}{\text{1000 g}} \; / \; .293 \text{ m}^2$$

= 48.68 kg/m^2/month, or approx. **16.23** kg/m^2/month.



Litton
Laser Systems

P. O. Box 547300
Orlando, Florida
32854-7300

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

32399/2400

Litton

Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

July 24, 1998

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

#0951152

RE: Facility #0571152 – Annual Report

Dear Ms. Bowman:

In accordance with 40 CFR 63.468 (f) & (g), this document shall serve as our annual report for our Perchloroethlene vapor degreaser.

SIZE & TYPE

24-1/2" x 18-1/2" or approximately .293 square meters.

AVERAGE MONTHLY SOLVENT CONSUMPTION

Average monthly solvent consumption is 3.4 kilograms/square meter/month.

THREE MONTH ROLLING AVERAGE REPORTS

Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
0	0	0	5.08	5.08	5.08	8.12	8.12	8.12	0	0	0

Reporting period from July of 1997 through June of 1998.
Quantities in kilograms/square meter.

ESTIMATED TOTAL SOLVENT CONSUMPTION

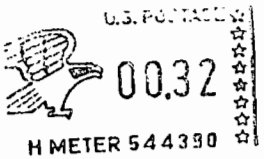
Estimated total solvent consumption for the year = 5 gallons.

STATEMENT OF TRAINING

I James B. Hilf, certify by my signature below that all operators of our vapor degreaser have been trained in the proper operation of the degreaser and it's control devices and that they are capable of passing the test required in 63.463(d)(10).

Sincerely,
LITTON LASER SYSTEMS DIVISION,

James B. Hilf
Facilities Lead



Litton

Laser Systems

P. O. Box 547300
Orlando, Florida
32854-7300

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources
MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

32399-2400

Litton
Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

August 21, 1998

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Facility # ~~0571~~ 0951152 – Change of Status

Dear Ms. Bowman:

Attached is a revised Facility Notification Form reflecting the addition of a second small perchloroethylene vapor degreaser to our facility.

We anticipate putting this degreaser into service sometime near the end of September. Pursuant to 40 CFR 63.468(e) I will provide you with an initial compliance report within 150 days of the degreaser startup date.

If you have any questions regarding this change, please call me at (407) 297-4625.

Sincerely,
LITTON LASER SYSTEMS DIVISION,

Jim Hilf
Facility Group Lead

Halogenated Solvent Degreasers Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):
   Litton Laser Systems Division
2. Site Name (For example, plant name or number):
   Litton Laser Systems Division - Orlando
3. Hazardous Waste Generator Identification Number:
   980845820
4. Facility Location:
   Street Address: 2787 South Orange Blossom Trail
   City: Apopka County: Orange Zip Code: 32703
5. Facility Identification Number (DEP Use): 0950152

Responsible Official

6. Name and Title of Responsible Official:
   James B. Hilf
7. Responsible Official Mailing Address:
   Organization/Firm: Litton Laser Systems Division
   Street Address: 2787 South Orange Blossom Trail
   City: Apopka County: Orange Zip Code: 32703
8. Responsible Official Telephone Number:
   Telephone: (407) 297-4625 Fax: (407) 297-4609

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):
   Same as responsible official
10. Facility Contact Address:
    Street Address:
    City: County: Zip Code:
11. Facility Contact Telephone Number:
    Telephone: ( ) - Fax: ( ) -

Facility Information

1. Provide the information below for each machine at the facility. Indicate the type of machine, the date of its purchase, and the date the control device was installed, if applicable.

Equipment Type	ID#	Date Initially Purchased	Date Cntrl Device Installed	ID#	Date Initially Purchased	Date Cntrl Device Installed
Batch Vapor						
$x < 1.21\ m^2$	1	5/5/97	N/a	2	7/24/98	N/A
$x > 1.21\ m^2$						
Batch Cold						
In-line						
New						
Existing						

2. (a) What was the total amount of halogenated solvents purchased in the latest 12 months?
[50] gallons

(b) If less than 12 months, how many? [ ] months
Check why it is less than 12 months: New owner: [ ] New store: [ ] Did not keep records: [ ]

3. (a) Please indicate which of the following halogenated solvents are used at your facility.

[X] perchloroethylene

[ ] methylene chloride

[ ] trichloroethylene

[ ] 1,1,1-trichloroethane

[ ] carbon tetrachloride

[ ] chloroform

(b) The total volume of halogenated solvent emissions shall not exceed 10 tons per year. I choose to meet this requirement by:

[X] complying with an alternative solvent emission limit

[X] implementing a control device combination/work practice standards

[ ] meeting an idling emission limit/work practice standards

[ ] meeting the requirements for batch cold cleaning machines

4. Based upon your response to 3(b), please select the appropriate control equipment combination from the list provided below. (Indicate with an "X" all options that apply to your facility.)

[X] 1.0 freeboard ratio

[ ] super-heated vapor

[X] freeboard refrigeration device

[ ] carbon adsorber

[X] dwell time

[X] working mode cover

[ ] reduced room draft

Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

(a) Purchase receipts for halogenated solvent purchases	[X]
(b) Inspection records	[ ]
(c) Temperature monitoring	[ ]
(d) Idling emission concentration monitoring	[ ]
(e) Instrument calibration	[ ]
(f) Dwell time records	[ ]
(g) Solvent content records	[ ]
(h) Remedial action log	[ ]
(i) Control device monitoring	[ ]
(j) Log of solvent additions and removals	[X]
(k) Monthly emissions calculations	[X]
(l) Rolling 3-month average emissions calculations	[X]
(m) Cleaning capacity calculations	[ ]

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

[ ] I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s) _____.

[X] No air permits currently exist for the operation of the facility indicated in this notification form.

Responsible Official Certification

I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.

I will promptly notify the Department of any changes to the information contained in this notification.

Signature _____ Date 8/21/98

ORANGE COUNTY GOVERNMENT FLORIDA

ORANGE COUNTY ENVIRONMENTAL PROTECTION DIVISION
AIR SECTION

EPD, 2002 E. Michigan Street, Orlando, FL 32806, FAX (407) 898-4521

Fax

TO: Rick Butler **FROM:** Ilka Bundy
PHONE: 407-836-9524
FAX: 850-922-6979 **PAGES:** 5
PHONE: 850-921-9586
RE: Litton Laser Systems Division (Permit) 0951152

MESSAGE

Best Available Copy

Litton
Laser Systems Division
2787 South Orange Blossom Trail
Apopka, Florida 32703

Phone: (407) 297-4625 Fax (407)297-4609

FAX TRANSMITTAL

Number of pages (including this one): 4

Date: December 14, 1999

To: Ilka Bundy

From: Jim Hilf

Subject: Requested Documents

Ilka,

Attached are the documents we talked about yesterday. A letter from Bofforf Associates, Consulting Engineers to the DEP And a reply letter from the DEP exempting us from permit requirements.

As I mentioned yesterday, we stopped tracking Perch. consumption and monitoring reports after receiving the letter from the DEP. If this was wrong, please let me know what we need to do and we will be glad to comply.

Thank you!

JBM

Jim Hilf
Facilities Manager

Best Available Copy

BOTTORF Associates Inc.

CONSULTING ENGINEERS — ANALYTICAL LABORATORY
ENVIRONMENTAL
PERMITTING • CONSULTING • TESTING

6729 Edgewater Commerce Parkway • Orlando, Florida • 32810-4279
Toll Free 800 811-1129 Phone 407 298-0946 • Fax: 407 299-7059

March 27, 1998

Project: 1715

Alan D. Zahm, P.E.
Section Supervisor
Air Permitting Program
Air Resources Management
Florida Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

Orange County - AP
Litton Laser Systems
Contact – Jim Hilf (407) 297-4625
2787 S. Orange Blossom Trail
Apopka, Florida 32703

Dear Mr. Zahm,

On March 10, 1998 Bottorf Associates, Inc. performed a walk through inspection at the above referenced facility to determine if permitting of the various small emission units would be required. This facility is mainly an assembly plant for defense type equipment such as night vision devices but also performs research and development for new technologies. Components of the products from this facility are manufactured at different facilities then shipped to this facility for assembly. This facility operates 24 hours per day and 365 days per year. It is our opinion that the entire facility is exempt from air permitting. Below we have listed the emission units with estimated emissions and/or the rule that we feel exempts them.

1. Manual grinding of glass parts with hooded exhaust. About 1 or 2 pieces per day are ground. Assuming 1 gram per piece is ground to dust and exhausted every day will result in a maximum particulate emission of 1.81 pounds per year. This is a conservative estimate. Particulate emissions are well below 5 tons per year so generically exempt by rule 62-210.300(3)(b)1. F.A.C. This operation may also be categorically exempt by rule 62-210.300(3)(a)11. F.A.C.

2. Manual Metal Machining using water based coolant with hooded exhaust. We estimate particulate emissions to be less then 10 pounds per year. Particulate emissions are well below 5 tons per year so generically exempt by rule 62-210.300(3)(b)1. F.A.C. This operation may also be categorically exempt by rule 62-210.300(3)(a)11. F.A.C.

3. Manual Touch-Up painting of metal parts and products with hooded exhaust to atmosphere. Using approximately one half of a pint per day of paint. This is equivalent to about 23 gallons per year and 114 pounds per year of VOC emissions. RACT will not apply since less then 15 pounds in any one day and less then 3 pounds in any one hour are emitted.

This touch-up painting operation is categorically exempt by rule 62-210.300(3)(a)23. F.A.C. since less then six gallons per day are used

4. Printed circuit board washer with exhaust to atmosphere using water and detergent for cleaning. There are essentially no quantifiable emissions from this unit. Any and all emissions are well below 5 tons per year so generically exempt by rule 62-210.300(3)(b)1. F.A.C.

5. Wave Solder Machine is categorically exempt by rule 62-210.300(3)(a)16. F.A.C.

6. Fluxing Booth used to apply flux Flux has a paste like consistency with little to nc evaporation of VOC's at ambient temperatures. VOC emissions are well below 5 tons per year so generically exempt by rule 62-210.300(3)(b)1. F.A.C. This operation may also be considered soldering equipment and categorically exempt by rule 62-210.300(3)(a)16. F.A.C.

7. Use of approximately 1.0 gallons per year of Methylene Chloride as a cleaner and exhausted through a lab hood to the atmosphere. This is equivalent to 11.1 pounds per year of emissions. Hazardous air pollutants (HAP's) are less then 1000 pounds per year so generically exempt by rule 62-210.300(3)(b)1. F.A.C.

8. Perchloroethylene Vapor Degreaser with an open top that is 24" X 18" or 3 sq. ft. and equipped with a lid. Approximately 10 gallon per year are added to this degreaser to make up for evaporation. This is equivalent to 135.1 pound per year of emissions. The vapor density of perchloroethylene is 5.83 and the vapor density of Air is 1.0 so perchloroethylene is heavier then air and this unit is categorically exempt by rule 62-210.300(3)(a)28. F.A.C.

We would appreciate your written response with the air exemption or permitting requirements for this facility. If you have any questions, please call me at 407 / 298-0846.

Sincerely,

Roger T. Caldwell
Vice President
Environmental Division

cc: Jim Hilf

LITTON.ZAHM

Department of Environmental Protection

Lawton Chiles
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Virginia B. Wetherell
Secretary

OCD-AP-98-053

Litton Laser Systems
2787 South Orange Blossom Trail
Apopka, Florida 32703

Attention: Jim Hilf

Orange County - AP
Litton Laser Systems
Permit Exemption

Dear Mr. Hilf:

In response to your letter received March 30, 1998, the Department confirms that Rule 62-210.300(3)(b)., F.A.C. provides an air pollution permit generic exemption for facilities that will not emit or have the potential to emit 10 tons per year of a regulated air pollutant. Based on the information provided, the referenced facility located at 2787 South Orange Blossom Trail, Apopka, Orange County, appears to qualify for this air permit exemption. Therefore no air permit is required at this time.

This source will be subject to all applicable sections of the Department's air pollution rule.

If you have questions, please call Scott Wesson at 407-893-3333 or write to the above address.

Sincerely,

L. T. Morlow, P.E.
Program Administrator
Air Resources Management

DATE: 4-14-98

LTM/sw

cc: Roger T. Caldwell

d. The permit is conditioned such that the owner or operator is legally obligated to adhere to the terms and limitations of such permit, including any condition or limitation assumed by the owner or operator upon acceptance of such permit.

e. The permit is conditioned such that any emissions limitation, control requirement, or other requirement assumed by the owner or operator upon acceptance of such permit shall be quantifiable and enforceable as a practical matter.

2. Once a synthetic non-Title V source has been issued a federally enforceable state operation permit (FESOP), it shall remain subject to the requirements of Rule 62-210.300(2)(b), F.A.C., unless:

a. The owner or operator accepts a higher limit and the facility becomes a Title V source; or

b. The owner or operator demonstrates to the Department that it no longer needs a federally enforceable operation permit to be classified as a non-Title V source (i.e., the facility is naturally "minor" without any federally enforceable limits) and specifically requests exemption from these requirements.

3. If all of the permitted emissions units within a facility have been issued one or more air construction permits which have undergone public notice in accordance with procedures at least as stringent as those provided in Rule 62-210.350(4), F.A.C., and the applicant requests that the conditions of such construction permit(s) be transferred without material change to a federally enforceable state operation permit (FESOP), the Department shall waive the requirements of Rules 62-210.300(2)(b)1.b. and 62-210.350(4)(a)3., F.A.C., for publication of a notice of proposed agency action; provided, however, that the remaining provisions of Rule 62-210.350(4) shall apply, including the requirement that notice be given to the U.S. Environmental Protection Agency and any local air pollution control program.

4. If an applicant requests that existing, multiple air operation permits for a facility be consolidated into a single federally enforceable state operation permit (FESOP), the Department shall reduce the permit processing fee required pursuant to Rule 62-4.050, F.A.C., by an amount equal to the sum of the processing fees paid for the existing permits prorated by the number of years remaining until expiration of each such permit.

(3) Exemptions. A facility, emissions unit or pollutant-emitting activity shall be exempt from the permitting requirements of this chapter, Chapter 62-212, F.A.C., and Chapter 62-4, F.A.C., if it satisfies the applicable criteria of Rule 62-210.300(3)(a) or (b) F.A.C., or if it has been exempted from permitting pursuant to Rule 62-4.040, F.A.C. Failure of a facility, emissions unit or activity to satisfy the exemption criteria of Rule 62-210.300(3)(a) or (b), F.A.C., does not preclude such facility, unit or activity from being considered for exemption pursuant to Rule 62-4.040, F.A.C. Emissions units and pollutant-emitting activities exempt from permitting under this rule shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered

insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.300(2)(a)1. or 62-213.430(6)(b), F.A.C. Any proposed new emissions unit or activity that would be exempt from permitting under this rule shall not be required to obtain an air construction permit pursuant to this chapter, Chapter 62-212, F.A.C., or Chapter 62-4, F.A.C., even if such unit or activity would be contained within a Title V source. No emissions unit shall be entitled to an exemption from permitting under this rule if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source. Neither shall any emissions unit be entitled to an exemption from permitting under this rule if it would be subject to any unit-specific applicable requirement. Notwithstanding its exemption from air permitting, an exempt emissions unit or activity shall be subject to any general, facility-level applicable requirements, and its emissions shall be considered in determining the applicability of permitting requirements to other emissions units at the facility or to the facility as a whole.

(a) Categorical Exemptions.

1. One or more fossil fuel steam generators and hot water generating units located within a single facility; collectively having a total rated heat input equaling 100 million BTU per hour or less; and collectively burning annually no more than 145,000 gallons of fuel oil containing no more than 1.0 percent sulfur, or no more than 290,000 gallons of fuel oil containing no more than 0.5 percent sulfur, or an equivalent prorated amount of fuel oil if multiple fuels are used, provided none of the generators or hot water generating units is subject to the Federal Acid Rain Program or any standard or requirement under 42 U.S.C. section 7411 or 7412.

2. Any individual fossil fuel steam generator and hot water generating unit with a rated heat input equaling 100 million BTU per hour or less and burning annually no more than 150 million standard cubic feet of natural gas or no more than one million gallons of propane or no more than one million gallons of fuel oil containing no more than 0.05 percent sulfur, or an equivalent prorated amount if multiple fuels are used, provided:

a. The total annual fuel consumption for all units exempted by Rules 62-210.300(3)(a)2. and 3., F.A.C., at a facility does not exceed 375 million standard cubic feet of natural gas or 2.5 million gallons of propane or 2.5 million gallons of fuel oil containing no more than 0.05 percent sulfur, or an equivalent prorated amount if multiple fuels are used and;

b. The unit is not subject to the Federal Acid Rain Program or any standard or requirement under 42 U.S.C. section 7411 or 7412.

3. One or more fossil fuel steam generators and hot water generating units located within a single facility, collectively having a total rated heat input equaling 10 million BTU per hour or less, and fired exclusively by natural gas or propane, provided:

a. During periods of natural gas curtailment, only propane or fuel oil containing no more than 1.0 percent sulfur is fired; and

b. None of the generators or hot water heating units is subject to the Federal Acid Rain Program or any standard or requirement under 42 U.S.C. section 7411 or 7412.

4. Home heating and comfort heating with a gross maximum heat output of less than one million Btu per hour.

5. Internal combustion engines in boats, aircraft and vehicles used for transportation of passengers or freight.

6. Incinerators in one or two family dwellings or in multi-family dwellings containing four or less family units, one of which is owner-occupied.

7. Noncommercial and nonindustrial vacuum cleaning systems used exclusively for residential housekeeping purposes.

8. Cold storage refrigeration equipment, except for any such equipment located at a Title V source using an ozone-depleting substance regulated under 40 CFR Part 82.

9. Vacuum pumps in laboratory operations.

10. Equipment used for steam cleaning.

11. Belt or drum sanders having a total sanding surface of five square feet or less and other equipment used exclusively on wood or plastics or their products having a density of 20 pounds per cubic foot or more.

12. Equipment used exclusively for space heating, other than boilers.

13. Noncommercial smoke houses used exclusively for smoking food products.

14. Bakery ovens located at any retail bakery facility which derives at least fifty percent of its revenues from retail sales on premises. Also, bakery ovens located at any commercial bakery facility utilizing only non-conveyor belt ovens operating on a single baking cycle in which a determinate amount of product is cooked at one baking (i.e., batch ovens).

15. Laboratory equipment used exclusively for chemical or physical analyses.

16. Brazing, soldering or welding equipment.

17. Laundry dryers, extractors, or tumblers for fabrics cleaned with only water solutions of bleach or detergents.

18. Petroleum dry cleaning facilities with a solvent consumption of less than 3,250 gallons per year.

19. Portable air curtain incinerators except any air curtain incinerator intended to be continuously operated at one site for more than six months or at any Department- permitted landfill for any length of time; provided:

a. Only land clearing debris or clean dry wood is burned;

b. Pit width, length, and side walls are properly maintained so that combustion of the waste within the pit is maintained at an adequate temperature and

with sufficient air recirculation to provide enough residence time and mixing for complete combustion and control of emissions. Pit width shall not exceed twelve (12) feet, and vertical side walls shall be maintained;

c. No waste is positioned to be burned above the level of the air curtain in the pit;

d. Visible emissions do not exceed 40 percent opacity except for up to 30 minutes during periods of startup and shutdown;

e. The air curtain incinerator is located at least 300 feet away from any occupied building if it has refractory- lined walls and forced underdraft air or otherwise at least 1,000 feet away from any occupied building; and

f. The burning is ignited after 9:00 a.m. and extinguished at least one hour before sunset, except that, in the case of an air curtain incinerator with refractory-lined walls and forced underdraft air which is located at least 1,000 feet away from any off-site occupied building, the burning may commence at sunrise, and the air curtain incinerator may be charged until sunset provided it does not create a nuisance.

20. One or more emergency generators located within a single facility provided:

a. None of the emergency generators is subject to the Federal Acid Rain Program; and

b. Total fuel consumption by all such emergency generators within the facility is limited to 32,000 gallons per year of diesel fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.

21. One or more heating units, general purpose internal combustion engines, or other combustion devices, all of which are located within a single facility, are not listed elsewhere in Rule 62-210.300(3)(a), F.A.C., and are not pollution control devices, provided:

a. None of the heating units, general purpose internal combustion engines, or other combustion devices that would be exempted is subject to the Federal Acid Rain Program;

b. Total fuel consumption by all such heating units, general purpose internal combustion engines, and other combustion devices that would be exempted is limited to 32,000 gallons per year of diesel fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used; and

c. Fuel for the heating units, general purpose internal combustion engines, and other combustion devices that would be exempted is limited to natural gas, diesel fuel, gasoline and propane.

22. Fire and safety equipment.

23. Surface coating operations within a single facility if the total quantity of coatings containing greater than 5.0 percent VOCs, by volume, used is 6.0 gallons per day or less, averaged monthly, provided:

a. Such operations are not subject to a volatile organic compound Reasonably Available Control Technology (RACT) requirement of Chapter 62-296, F.A.C.; and

b. The amount of coatings used shall include any solvents and thinners used in the process including those used for cleanup.

24. Surface coating operations utilizing only coatings containing 5.0 percent or less VOCs, by volume.

25. Phosphogypsum cooling ponds and inactive phosphogypsum stacks which have demonstrated compliance with the requirements of 40 CFR Part 61, Subpart R, hereby adopted and incorporated by reference.

26. Degreasing units using heavier-than-air vapors exclusively, except any such unit using or emitting any substance classified as a hazardous air pollutant.

27. Volume reduction processes as defined in Rule 62- 296.417, F.A.C., wherein the owner or operator manages only spent mercury-containing lamps removed from the facility where the volume reduction process is located.

28. Mercury recovery processes as defined in Rule 62- 296.417, F.A.C., wherein the owner or operator manages only mercury-containing devices temporarily or permanently removed from service from the owner or operator's own facilities or installations.

29. Bulk gasoline plants, provided:

a. Such operations are not conducted at a facility that is subject to the permitting requirements of Chapter 213, F.A.C., and the emissions from such operations would not contribute to total emissions that would make the facility subject to those requirements;

b. The facility receives and distributes only petroleum- based lubricants, gasoline, diesel fuel, mineral spirits and kerosene;

c. The total storage capacity for gasoline at the facility does not exceed 100,000 gallons;

d. The facility does not exceed a throughput rate (receive and distribute) of 1.3 million gallons of gasoline in any consecutive twelve-month period;

e. The facility is not subject to any Standard of Performance for New Stationary Sources (NSPS) requirement adopted by reference in Rule 62-204.800, F.A.C.; and

f. The facility is not subject to any volatile organic compound Reasonably Available Control Technology (RACT) requirement of Chapter 62-296, F.A.C.

30. Petroleum lubrication systems.

31. Application of fungicide, herbicide, or pesticide.

32. Asbestos renovation and demolition activities.

33. Non-halogenated solvent storage and cleaning operations, provided the solvents contain none of the hazardous air pollutants listed at Rule 62-210.200, F.A.C.

34. Vehicle refueling operations and associated fuel storage.

35. Restaurants.

36. Burning of drugs seized by law enforcement agencies in boilers with a heat input of 250 million BTU per hour or more.

(b) Generic and Temporary Exemptions.

1. Generic Emissions Unit Exemption. An emissions unit or pollutant-emitting activity that is not entitled to a categorical exemption pursuant to Rule 62-210.300(3)(a), F.A.C., shall be exempt from the permitting requirements of this chapter, Chapter 62-212, F.A.C., and Chapter 62-4, F.A.C., if it meets all of the following criteria:

a. It would be subject to no unit-specific applicable requirement.

b. It would neither emit nor have the potential to emit:

(i) 500 pounds per year or more of lead and lead compounds expressed as lead;

(ii) 1,000 pounds per year or more of any hazardous air pollutant;

(iii) 2,500 pounds per year or more of total hazardous air pollutants; or

(iv) 5.0 tons per year or more of any other regulated pollutant.

c. Its emissions, in combination with the emissions of other units and activities at the facility, would not cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

d. In the case of a proposed new emissions unit at an existing facility, the emissions of such unit, in combination with the emissions of any other proposed new or modified units and activities at the facility, would not result in a modification subject to the preconstruction review requirements of Rule 62-204.800(10)(d)2., 62-212.400 or 62-212.500, F.A.C.

e. In the case of a proposed new pollutant-emitting activity, such activity would not constitute a modification of any existing non-exempt emissions unit at a non-Title V source or any existing non-insignificant emissions unit at a Title V source.

2. Generic Facility Exemption. A facility that is not entitled to a categorical exemption pursuant to Rule 62-210.300(3)(a), F.A.C., shall be exempt from the permitting requirements of this chapter, Chapter 62-212, F.A.C., Chapter 62-213, F.A.C., and Chapter 62-4, F.A.C., if all of the emissions units and activities within the facility, including any proposed new emissions units and activities, meet the exemption criteria of Rule 62-210.300(3)(a), F.A.C., or Rule 62-210.300(3)(b)1., F.A.C., or if the facility meets all of the following criteria:

a. No emissions unit or pollutant-emitting activity within the facility would be subject to any unit-specific applicable requirement.

b. The facility would neither emit nor have the potential to emit:

(i) 1,000 pounds per year or more of lead and lead compounds expressed as lead;

(ii) 1.0 ton per year or more of any hazardous air pollutant;

(iii) 2.5 tons per year or more of total hazardous air pollutants;

(iv) 25 tons per year or more of carbon monoxide, nitrogen oxides and sulfur dioxide; or

(v) 10 tons per year or more of any other regulated pollutant.

c. The facility would neither emit nor have the potential to emit any pollutant in such amount as to make the facility a Title V source, nor would the facility be a Title V source for any other reason.

3. Temporary Exemption for Emissions Units at Certain Title V Sources. Except for an emissions unit that is subject to any applicable regulation or permitting requirement under Rules 62-212.400 or 62-212.500, F.A.C.; any emissions standard or other requirement adopted by reference prior to July 1, 1995, in Rule 62-204.800, F.A.C.; any requirement established pursuant to Rule 62-296.330, F.A.C.; or any Reasonably Available Control Technology (RACT) provisions under Rules 62-296.500 through 62-296.712, F.A.C.; an emissions unit that is described in a timely and complete permit application under Chapter 62-213, F.A.C., and not subject to an existing valid air permit, shall be exempt from the permitting requirements of this Chapter, Chapter 62-4, and Rule 62-212.300, F.A.C., until a final determination on a permit application under Chapter 62-213, F.A.C., is made. In addition, no emissions unit shall be exempt under this paragraph if its emissions cause or contribute to a significant emissions increase under Rule 62-212.400 or 62-212.500, F.A.C., which would trigger preconstruction review, or if it is constructed or modified, as defined under Rule 62-210.200, F.A.C., subsequent to November 23, 1994. Any applicant exercising this exemption shall provide notification of such exemption to the Department, and further authorizes the Department to inspect these emissions units at the Department's discretion. Emissions units subject to existing valid permits shall continue to operate consistent with those permits as provided under Rule 62-213.420(1)(b)2., F.A.C. This exemption is available only to emissions units contained within either facilities that were Title V sources on or before October 25, 1995, and that commenced operation on or before that date, or facilities that became Title V sources by operation of law after October 25, 1995, and have timely applied for an initial Title V air operation permit.

4. Temporary Phosphogypsum Exemption. Until permitted pursuant to Chapter 62-213, F.A.C., phosphogypsum disposal areas are exempt from the requirement to obtain an air operation permit.

(c) Conditional Exemptions from Title V Air Permitting. The following facilities are exempt from the requirement to obtain a Title V air operation permit under the provisions of Chapter 62-213, F.A.C., but are not exempt from the requirement to obtain any other air permit as may be required under this rule unless also exempt from

Department of
Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

March 19, 2001

Mr. James B. Hilf
Manager of Facilities
Litton Laser Systems
Post Office Box 547300
Orlando, Florida 32854-7300
#057152

Dear Mr. Hilf:

Thank you for your March 15 letter informing the Department of the pending merger of the Laser Systems Division's parent company, Litton Industries, Inc., and Northrop Grumman Corporation.

Rule 62-213.300(3), Florida Administrative Code (F.A.C.), states that the general permit is **non-transferable** and does not follow a change in ownership. Therefore, the enclosed Halogenated Solvent Degreasers Air General Permit Notification Form will need to be completed and submitted to the Division of Air Resource Management.

If you have any questions concerning the form or the Title V general permit program, please call Rick Butler at 850/921-9586 or me at 850/921-9583.

Sincerely,

Sandra Bowman
Mobile Source Control Section
Bureau of Air Monitoring
and Mobile Sources

SB/

Enclosure

Date: 05/06/1997 7:30:58 AM
From: Sandy Bowman TAL
Subject: ARMS change
To: Elizabeth Walker TAL
CC: Jim Holton TPA
CC: Terry Knowles TAL

Elizabeth,

Please change the ARMS ID # for Litton Laser Systems (#0571152) from Hillsborough County to Orange County.

Thanks.

Sandy

Degreaser

~~DRY CLEANER~~ AIR QUALITY GENERAL PERMIT

ANNUAL COMPLIANCE CERTIFICATION FORM

RECEIVED
JAN 29 1998
Bureau of Air Monitoring & Mobile Sources

AIRS ID#0951152
LITTON LASER SYSTMS
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

Do NOT Remove Label

Annual Reporting Period: JULY 1, 1997 19___ TO JULY 1 19 98

~~Based on each term or condition of the Title V~~ general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. ☐ YES ☒ NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: B Hilf (Name (Please Print)) JAMES B HILF (Signature) 1/13/98 (Date)

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

11/06/97

AIRS ID#: _____ Revised 01/13/98

HALOGENATED SOLVENT DEGREASERS
AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM

RECEIVED
JAN 28 1998
Bureau of Air Monitoring & Mobile Sources

AIRS ID#0951152
LITTON LASER SYSTMS
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

Do NOT Remove Label

Annual Reporting Period: July 1 19 97 TO July 1 19 98

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. ☒ YES ☐ NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

_____

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

_____

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete.

RESPONSIBLE OFFICIAL: JAMES B HILF (Name (Please Print)) _____ (Signature) 1/23/98 (Date)

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

Litton
Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

February 15, 2000

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Facility # 0571152 – Change of Status
0951152

Dear Ms. Bowman:

Please be advised that our batch vapor degreaser #1 has been removed from service. This degreaser was physically removed from service on January 11, 1999, but had not been used since November of 1998. I apologize for the delay in notifying you of this change.

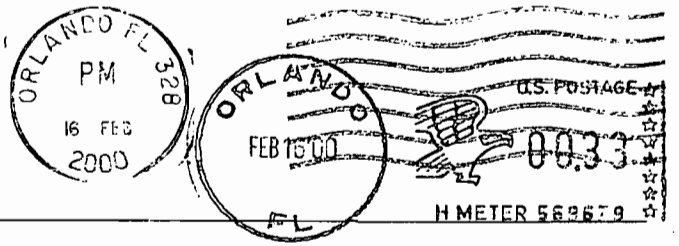
Batch vapor degreaser #2 continues to be in service. We will provide the annual report to Ilka Bundy of the Orange County EPA when she conducts the annual inspection on February 29, 2000.

If you have any questions regarding this change, please call me at (407) 297-4625.

Sincerely,
LITTON LASER SYSTEMS DIVISION,

JHilf

Jim Hilf
Facility Manager



Litton
Laser Systems

P. O. Box 547300
Orlando, Florida
32854-7300

Ms. Sandra Bowman
Title V General Air Permits Office
Bureau of Air Monitoring and Mobil Sources
MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

32399-6542 01

ARMS
2/29/00
JP

HALOGENATED SOLVENT DEGREASERS

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐
RE-INSPECTION ☐

AIRS ID#: 0951152 **DATE:** 2-29-00 **TIME IN:** 0930 **TIME OUT:** 1015

FACILITY NAME: Litton Laser Systems

FACILITY LOCATION: 2787 South Orange Blossom Trail
Apopka, FL 32703

RESPONSIBLE OFFICIAL: James B. Hilf **PHONE:** 407-297-4625

CONTACT NAME: _____ **PHONE:** _____

PART I: NOTIFICATION

(check appropriate boxes)

1. Facility notified DARM 30 days prior to starting up ☐
2. Facility failed to notify DARM to use a general permit ☐
3. Halogenated solvent used at the facility:

perchloroethylene	☑	methylene chloride	☐
trichloroethylene	☐	1,1,1-trichloroethane	☐
carbon tetrachloride	☐	chloroform	☐

4. Facility indicated on notification form that it has the following machine type(s). Check more than one box if applicable.

Batch Vapor, $x \leq 1.21$ m^2	☑	New In-line	☐	Batch Cold	☐
Batch Vapor, $x > 1.21$ m^2	☐	Existing In-line	☐		

PART II: CLASSIFICATION

1. Indicate the machine type(s) observed at the facility:

Batch Vapor, $x \leq 1.21$ m^2	☑	New In-line	☐	Batch Cold (immersion)	☐
Batch Vapor, $x > 1.21$ m^2	☐	Existing In-line	☐	Batch Cold (remote reservoir)	☐

PART III: GENERAL CONTROL REQUIREMENTS

A. Batch Vapor and In-Line Machines

Does the facility:

1. Maintain an idling and downtime mode cover that is readily opened and closed, that completely covers, has no cracks, holes, or defects; OR maintain a room designed with reduced draft according to Part II, Section (5)(c)6.b of the permit notifcation? ☑Y ☐N
2. Maintain a freeboard ratio of 0.75 or greater? ☑Y ☐N
3. Utilize a parts basket or parts whose size is less than 50% of the solvent-air interface area; OR introduce parts or parts basket at 0.9 m/min (3 ft/sec) or less? ☑Y ☐N
4. Conduct all spraying operations within the vapor zone or an area not directly exposed to ambient air? ☑Y ☐N
5. Install and maintain an automated parts handling system capable of moving the parts/parts basket at 3.4 m/min. (11ft/min) or less? ☐Y ☐N NA☑
6. Install and maintain a carbon adsorber on all machines using a lip exhaust? The exhaust concentration should not exceed 100 ppm halogenated solvent, the carbon adsorber should not be by-passed, the lip exhaust shall be located above the closed machine cover. ☐Y ☐N ☑N/A
7. Have each machine equipped with –
   a. a device to shut off sump heat if the solvent level drops to the heater coils? ☑Y ☐N
   b. a device to shut off sump heat if the vapor level rises above the height of the vapor condenser? ☑Y ☐N
   c. a primary condenser? ☑Y ☐N
8. Store all waste solvent, still bottoms, and sump bottoms in closed containers? ☑Y ☐N

B. Batch Cold Cleaning Machines

Does the facility:

1. Collect and store all waste solvent in closed containers? ☐Y ☐N
2. Use a flexible hose or flushing device only within the freeboard area? ☐Y ☐N
3. Drain cleaned parts for 15 seconds or longer or until dripping ceases, whichever is longer? ☐Y ☐N
4. Maintain the solvent level inside the machine at or below the fill line? ☐Y ☐N
5. Immediately clean up spills during solvent transfer? Store wipe rags in a covered container? ☐Y ☐N
6. Operate the agitator to produce a rolling motion? *(applicable only when air- or pump-agitated solvent bath used)* ☐Y ☐N ☐N/A
7. Ensure that the machine is not exposed to drafts greater than 40 m/min (132 ft/min) when the cover is open? ☐Y ☐N
8. Ensure that sponges, fabrics, wood and paper products are not placed in the machine? ☐Y ☐N

Remote Reservoir Type Only –

9. Employ a tightly fitting cover over the solvent sump? The cover must be closed at all times except during parts cleaning. ☐Y ☐N ☐N/A

Immersion Type Only –

10. Employ a tightly fitting cover and a water layer with a thickness of at least 2.5 cm (1 in.); OR employ a tightly fitting cover and maintain a freeboard ratio of 0.75? Tightly fitting cover must be closed at all times except during parts entry and removal. ☐Y ☐N ☐N/A

PART IV: PROCESS VENT CONTROLS *(not applicable to batch cold cleaning machines)*

Facility chose to meet requirements using:

- ☐ control device combination / work practice standards
- ☑ alternative solvent emission limit *(proceed to Part V)*
- ☐ idling emission limit / work practice standards *(proceed to Part V)*

A. Batch Vapor Machines, $x \leq 1.21\ m^2$

control comb. selected		In use		
☐	working mode cover / 1.0 freeboard ratio / superheated vapor	☐	☐	☐
☐	reduced room draft / 1.0 freeboard ratio / superheated vapor	☐	☐	☐
☐	reduced room draft / 1.0 freeboard ratio / dwell	☐	☐	☐
☐	freeboard refrig. device / superheated vapor	☐	☐	
☐	freeboard refrig. device / working mode cover	☐	☐	
☐	freeboard refrig. device / reduced room draft	☐	☐	
☐	freeboard refrig. device / 1.0 freeboard ratio	☐	☐	
☐	freeboard refrig. device / dwell	☐	☐	
☐	freeboard refrig. device / carbon adsorber	☐	☐	
☐	carbon adsorber / 1.0 freeboard ratio / superheated vapor	☐	☐	☐

B. Batch Vapor Machines, $x > 1.21\ m^2$

control comb. selected		In use		
☐	freeboard refrig. device / superheated vapor / 1.0 freeboard ratio	☐	☐	☐
☐	freeboard refrig. device / superheated vapor / working mode cover	☐	☐	☐
☐	freeboard refrig. device / superheated vapor / reduced room draft	☐	☐	☐
☐	freeboard refrig. device / superheated vapor / carbon adsorber	☐	☐	☐
☐	freeboard refrig. device / reduced room draft / dwell	☐	☐	☐
☐	freeboard refrig. device / reduced room draft / 1.0 freeboard ratio	☐	☐	☐
☐	1.0 freeboard ratio / reduced room draft / superheated vapor	☐	☐	☐

C. Existing In-Line Machines

control comb. selected		In use		
☐	freeboard refrig. device / 1.0 freeboard ratio	☐	☐	☐
☐	superheated vapor / 1.0 freeboard ratio	☐	☐	☐
☐	freeboard refrig. device / dwell	☐	☐	
☐	carbon adsorber / dwell	☐	☐	

D. New In-Line Machines

control comb. selected		In use	
☐	freeboard refrig. device / superheated vapor	☐	☐
☐	freeboard refrig. device / carbon adsorber	☐	☐
☐	superheated vapor / carbon adsorber	☐	☐

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official maintained the following:

1. Owner's manuals, design specifications, and other instructional materials for cleaning machine and control equipment?	☑Y	☐N	
2. Date of installation for cleaning machine and all control devices? If the exact date is unknown, they must have a letter stating installation occurred before or after 11/29/93.	☑Y	☐N	
3. Halogenated solvent content for each solvent used? *(exempt if <5% by weight)*	☑Y	☐N	
4. Estimates of annual solvent consumption for each machine?	☑Y	☐N	
5. Dates of solvent additions and amounts added to each machine? *(applicable only to those using an alternative emission limit)*	☑Y	☐N	☐N/A
6. Idling emissions limit tests, including values obtained during the initial performance test? *(applicable only to those using an idling emissions limit)*	☐Y	☐N	☑N/A
7. All control device and parameter monitoring? *(applicable only to batch vapor and in-line machines)*	☑Y	☐N	☐N/A
8. Information on remedial actions in the event of exceedances or other repairs and subsequent monitoring of affected parameters?	☑Y	☐N	☐N/A
9. Monthly emissions calculations *(applicable only to those using an alternative or idling emission limit)*	☑Y	☐N	☐N/A
10. 3-month rolling average emissions calculations? *(applicable only to those using an alternative emission limit)*	☑Y	☐N	☐N/A
11. Cleaning capacity calculations? *(applicable only to those using an alternative emission limit without a solvent-air interface)* Has solvent-air interface.	☐Y	☐N	☑N/A

PART VI: ADDITIONAL SITE INFORMATION

Viewed degreaser and logs on site.

Ilka Bundy
Inspector's Name

Ilka Bundy
Inspector's Signature

2-29-2000
Date of Inspection

2-28-2001
Approximate Date of Next Inspection

AIRS ID#: 0951152

Revised 01/18/00

ARMS 2/29/00 JB

HALOGENATED SOLVENT DEGREASERS AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: Litton Laser Systems DATE: 2-29-00

FACILITY LOCATION: 2787 South Orange Blossom Trail
Apopka, FL 32703

Annual Reporting Period: January 1 2000 TO February 29 2000

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. ☒YES ☐NO

If **NO**, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

All operators of solvent cleaning machines have received training on the proper operation of the machine and their control devices sufficient to pass the test required in 40 CFR Part 63 Subpart T. ☒YES ☐NO

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete.

RESPONSIBLE OFFICIAL: James B Wilf (Name (Please Print)) J. Bilf (Signature) 2/29/00 (Date)

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

Litton
Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

ARMS
2/29/00
JB

February 29, 2000

Ms. Ilka Bundy
Environmental Protection Division
Title V General Air Permits Office
800 Mercy Drive, Suite 4
Orlando, Florida 32808

RE: Facility # 0571152 – Annual Report – Degreaser #2

Dear Ms. Bundy:

In accordance with 40 CFR 63.468 (f) & (g), this document shall serve as our annual report for our Perchloroethlene vapor degreaser #2. Per our conversation I am submitting this report to you directly at our annual inspection.

Also note that because of confusion regarding the letter we received from the DEP from L.T. Kozlov dated April 14, 1998, we stopped monthly monitoring and submission of required annual reports because the letter indicated to us that we no longer need to do so. Now that you have clarified this situation for us, we are back on track with monthly monitoring and annual reporting. The information below is based on record keeping of solvent additions from October 1, 1998 through March 19, 1999.

SIZE & TYPE

14" x 10" or approximately .0905 square meters.

AVERAGE MONTHLY SOLVENT CONSUMPTION

Average monthly solvent consumption is 18.225-kilograms/square meter/month.

THREE MONTH ROLLING AVERAGE REPORTS

Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
NA	NA	NA	0	0	8.1	24.3	28.4	12.2	NA	NA	NA

Reporting period from October of 1998 through September of 1999.
Quantities in kilograms/square meter.

Litton
Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

ESTIMATED TOTAL SOLVENT CONSUMPTION

Estimated total solvent consumption for the year = 16.5 gallons.

STATEMENT OF TRAINING

I, James B. Hilf, certify by my signature below that all operators of our vapor degreaser have been trained in the proper operation of the degreaser and it's control devices and that they are capable of passing the test required in 63.463(d)(10).

Sincerely,
LITTON LASER SYSTEMS DIVISION,

James B. Hilf
Facilities Manager

TITLE V AIR QUALITY GENERAL PERMIT
INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐ RE-INSPECTION ☐

TIME IN: 0930 TIME OUT: 1015 AIRS ID#: 0951152

TYPE OF FACILITY: Halogenated Solvent Degreasers

FACILITY NAME: Litton Laser Systems DATE: 2-29-00

FACILITY LOCATION: 2787 South Orange Blossom Trail
Apopka, FL 32703

RESPONSIBLE OFFICIAL: James B. Hilf PHONE NUMBER: 407-297-4625

☑ Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).

☐ Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED

COMMENTS:

Facility in compliance.

The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES ☑ NO ☐

DATE OF NEXT INSPECTION: 2-28-2001 (Approximate)

INSPECTION CONDUCTED BY: Ilka Bundy (Please Print)

INSPECTOR'S SIGNATURE: Ilka Bundy PHONE NUMBER: 407-836-1400

HALOGENATED SOLVENT DEGREASERS

ARMS 2/23/01 JB

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

RECEIVED
MAR 26 2001
Bureau of Air Monitoring & Mobile Sources

TYPE OF INSPECTION: ANNUAL (INS1, INS2) ☑ COMPLAINT/DISCOVERY (CI) ☐
RE-INSPECTION (FUI) ☐

AIRS ID#: 0951152 DATE: 2-21-01 TIME IN: 0817 TIME OUT: 0945

FACILITY NAME: Litton Laser Systems

FACILITY LOCATION: 2787 South Orange Blossom Trail
Apopka, FL 32703

RESPONSIBLE OFFICIAL: James B. Hilf PHONE: 407-297-4625

CONTACT NAME: _____ PHONE: _____

PART I: NOTIFICATION

(check appropriate box) **Facility Compliance Status:** IN ☑

1. New facility notified DARM 30 days prior to startup ☐ (ARMS Data) MNC ☐
2. Facility failed to notify DARM to use general permit ☐ SNC ☐
3. Halogenated solvent used at facility:

perchlorethylene	☑	methylene chloride	☐
trichloroethylene	☐	1,1,1-trichloroethane	☐
carbon tetrachloride	☐	chloroform	☐

4. Facility indicated on notification form that it has the following machine type(s). Check more than one box if applicable:

Batch Vapor, $x \leq 1.21$ m^2	☑	New In-line	☐	Batch Cold	☐
Batch Vapor, $x > 1.21$ m^2	☐	Existing In-line	☐		

PART II: CLASSIFICATION

1. Indicate the machine type(s) observed at the facility:

Batch Vapor, $x \leq 1.21$ m^2	☑	New In-line	☐	Batch Cold (immersion)	☐
Batch Vapor, $x > 1.21$ m^2	☐	Existing In-line	☐	Batch Cold (remote reservoir)	☐

PART III: GENERAL CONTROL REQUIREMENTS

A. Batch Vapor and In-Line Machines

Does the facility:

1. Maintain an idling and downtime mode cover that is readily opened and closed, that completely covers, has no cracks, holes, or defects; OR maintain a room designed with reduced draft according to Part II, Section (5)(c)6.b of the permit notification? ☑Y ☐N
2. Maintain a freeboard ratio of 0.75 or greater? ☑Y ☐N
3. Utilize a parts basket or parts whose size is less than 50% of the solvent-air interface area; OR introduce parts or parts basket at 0.9 m/min (3 ft/sec) or less? ☑Y ☐N
4. Conduct all spraying operations within the vapor zone or an area not directly exposed to ambient air? ☑Y ☐N
5. Install and maintain an automated parts handling system capable of moving the parts/parts basket at 3.4 m/min. (11ft/min) or less? ☐Y ☐N ☑ N/A
6. Install and maintain a carbon adsorber on all machines using a lip exhaust? The exhaust concentration should not exceed 100 ppm halogenated solvent, the carbon adsorber should not be by-passed, the lip exhaust shall be located above the closed machine cover. ☐Y ☐N ☑N/A
7. Have each machine equipped with --
   a. a device to shut off sump heat if the solvent level drops to the heater coils? ☑Y ☐N
   b. a device to shut off sump heat if the vapor level rises above the height of the vapor condenser? ☑Y ☐N
   c. a primary condenser? ☑Y ☐N
8. Store all waste solvent, still bottoms, and sump bottoms in closed containers? ☑Y ☐N

B. Batch Cold Cleaning Machines

Does the facility:

1. Collect and store all waste solvent in closed containers? ☐Y ☐N
2. Use a flexible hose or flushing device only within the freeboard area? ☐Y ☐N
3. Drain cleaned parts for 15 seconds or longer or until dripping ceases, whichever is longer? ☐Y ☐N
4. Maintain the solvent level inside the machine at or below the fill line? ☐Y ☐N
5. Immediately clean up spills during solvent transfer? Store wipe rags in a covered container? ☐Y ☐N
6. Operate the agitator to produce a rolling motion? *(applicable only when air- or pump-agitated solvent bath used)* ☐Y ☐N ☐N/A
7. Ensure that the machine is not exposed to drafts greater than 40 m/min (132 ft/min) when the cover is open? ☐Y ☐N
8. Ensure that sponges, fabrics, wood and paper products are not placed in the machine? ☐Y ☐N

Remote Reservoir Type Only --

9. Employ a tightly fitting cover over the solvent sump? The cover must be closed at all times except during parts cleaning. ☐Y ☐N ☐N/A

Immersion Type Only --

10. Employ a tightly fitting cover and a water layer with a thickness of at least 2.5 cm (1 in.); OR employ a tightly fitting cover and maintain a freeboard ratio of 0.75? Tightly fitting cover must be closed at all times except during parts entry and removal. ☐Y ☐N ☐N/A

PART IV: PROCESS VENT CONTROLS *(not applicable to batch cold cleaning machines)*

Facility chose to meet requirements using:

- ☐ control device combination / work practice standards
- ☑ alternative solvent emission limit *(proceed to Part V)*
- ☐ idling emission limit / work practice standards *(proceed to Part V)*

A. Batch Vapor Machines, x ≤ 1.21 m²

control comb. selected		In use
☐	working mode cover / 1.0 freeboard ratio / superheated vapor	☐ ☐ ☐
☐	reduced room draft / 1.0 freeboard ratio / superheated vapor	☐ ☐ ☐
☐	reduced room draft / 1.0 freeboard ratio / dwell	☐ ☐ ☐
☐	freeboard refrig. device / superheated vapor	☐ ☐
☐	freeboard refrig. device / working mode cover	☐ ☐
☐	freeboard refrig. device / reduced room draft	☐ ☐
☐	freeboard refrig. device / 1.0 freeboard ratio	☐ ☐
☐	freeboard refrig. device / dwell	☐ ☐
☐	freeboard refrig. device / carbon adsorber	☐ ☐
☐	carbon adsorber / 1.0 freeboard ratio / superheated vapor	☐ ☐ ☐

B. Batch Vapor Machines, x > 1.21 m²

control comb. selected		In use
☐	freeboard refrig. device / superheated vapor / 1.0 freeboard ratio	☐ ☐ ☐
☐	freeboard refrig. device / superheated vapor / working mode cover	☐ ☐ ☐
☐	freeboard refrig. device / superheated vapor / reduced room draft	☐ ☐ ☐
☐	freeboard refrig. device / superheated vapor / carbon adsorber	☐ ☐ ☐
☐	freeboard refrig. device / reduced room draft / dwell	☐ ☐ ☐
☐	freeboard refrig. device / reduced room draft / 1.0 freeboard ratio	☐ ☐ ☐
☐	1.0 freeboard ratio / reduced room draft / superheated vapor	☐ ☐ ☐

C. Existing In-Line Machines

control comb. selected		In use
☐	freeboard refrig. device / 1.0 freeboard ratio	☐ ☐ ☐
☐	superheated vapor / 1.0 freeboard ratio	☐ ☐ ☐
☐	freeboard refrig. device / dwell	☐ ☐
☐	carbon adsorber / dwell	☐ ☐

D. New In-Line Machines

control comb. selected		In use
☐	freeboard refrig. device / superheated vapor	☐ ☐
☐	freeboard refrig. device / carbon adsorber	☐ ☐
☐	superheated vapor / carbon adsorber	☐ ☐

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official maintained the following:

1. Owner's manuals, design specifications, and other instructional materials for cleaning machine and control equipment?	☑Y ☐N
2. Date of installation for cleaning machine and all control devices? If the exact date is unknown, they must have a letter stating installation occurred before or after 11/29/93.	☐Y ☐N
3. Halogenated solvent content for each solvent used? *(exempt if <5% by weight)*	☑Y ☐N
4. Estimates of annual solvent consumption for each machine?	☐Y ☐N
5. Dates of solvent additions and amounts added to each machine? *(applicable only to those using an alternative emission limit)*	☑Y ☐N ☐N/A
6. Idling emissions limit tests, including values obtained during the initial performance test? *(applicable only to those using an idling emissions limit)*	☐Y ☐N ☑N/A
7. All control device and parameter monitoring? *(applicable only to batch vapor and in-line machines)*	☑Y ☐N ☐N/A
8. Information on remedial actions in the event of exceedances or other repairs and subsequent monitoring of affected parameters?	☑Y ☐N ☐N/A
9. Monthly emissions calculations *(applicable only to those using an alternative or idling emission limit)*	☑Y ☐N ☐N/A
10. 3-month rolling average emissions calculations? *(applicable only to those using an alternative emission limit)*	☑Y ☐N ☐N/A
11. Cleaning capacity calculations? *(applicable only to those using an alternative emission limit without a solvent-air interface)*	☐Y ☐N ☑N/A

PART VI: ADDITIONAL SITE INFORMATION

Average monthly consumption is 54,179 kg / $59 m^2$ / month

250.15 = 2000 year total (emissions)

23.9 Gallons total perc for 2000

Illa Bundy
Inspector's Name

2-21-01
Date of Inspection

Illa Bundy
Inspector's Signature

2-21-02
Approximate Date of Next Inspection

AIRS ID#: 0951152

Revised 01/18/00

HALOGENATED SOLVENT DEGREASERS AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

ARMS 2/23/01 JH

FACILITY NAME: Litton Laser Systems **DATE:** 2-21-01

FACILITY LOCATION: 2787 South Orange Blossom Trail
Apopka, FL 32703

Annual Reporting Period: February 20 00 TO February 20 01

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. ☑ YES ☐ NO

If **NO**, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

All operators of solvent cleaning machines have received training on the proper operation of the machine and their control devices sufficient to pass the test required in 40 CFR Part 63 Subpart T. ☑ YES ☐ NO

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete.

RESPONSIBLE OFFICIAL: James B Wilf (Name (Please Print)) _____ (Signature) 2/21/01 (Date)

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

Litton

Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

February 21, 2001

Ms. Ilka Bundy
Environmental Protection Division
Title V General Air Permits Office
800 Mercy Drive, Suite 4
Orlando, Florida 32808

RE: Facility # 0571152 – Annual Report – Degreaser #2

Dear Ms. Bundy:

In accordance with 40 CFR 63.468 (f) & (g), this document shall serve as our annual report for our Perchloroethlene vapor degreaser #2.

SIZE & TYPE

14" x 10" or approximately .0905 square meters.

AVERAGE MONTHLY SOLVENT CONSUMPTION

Average monthly solvent consumption is 51.25-kilograms/square meter/month.

THREE MONTH ROLLING AVERAGE REPORTS

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NA/	N/A	51.35	48.36	46.09	44.55	43.09	35.15	28.51	41.63	75.49	80.6

- Reporting period from January 2000 through December 2000.
- Note: There are no rolling averages for January and February 2000 because there was no data recorded for November and December of 1999.
- Quantities in kilograms/square meter.

ESTIMATED TOTAL SOLVENT CONSUMPTION

Estimated total solvent consumption for the year = 25.31 gallons.

Litton

Laser Systems

P.O. Box 547300
Orlando, Florida
32854-7300

407 295-4010

STATEMENT OF TRAINING

I, James B. Hilf, certify by my signature below that all operators of our vapor degreaser have been trained in the proper operation of the degreaser and it's control devices and that they are capable of passing the test required in 63.463(d)(10).

Sincerely,
LITTON LASER SYSTEMS DIVISION,

James B. Hilf
Facilities Manager

TITLE V AIR QUALITY GENERAL PERMIT
INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐ RE-INSPECTION ☐

TIME IN: 0817 TIME OUT: 0905 AIRS ID#: 0951152

TYPE OF FACILITY: Halogenated Solvent Degreasers

FACILITY NAME: Litton Laser Systems DATE: 2-21-01

FACILITY LOCATION: 2787 South Orange Blossom Trail
Apopka, FL 32703

RESPONSIBLE OFFICIAL: James B. Hilf PHONE NUMBER: 407-297-4625

☑ Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).

☐ Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED

COMMENTS:

Facility in Compliance.

The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES ☑ NO ☐

DATE OF NEXT INSPECTION: 2-21-02
(Approximate)

INSPECTION CONDUCTED BY: Ilka Bundy
(Please print)

INSPECTOR'S SIGNATURE: Ilka Bundy PHONE NUMBER: 407-836-1400

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0389992

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

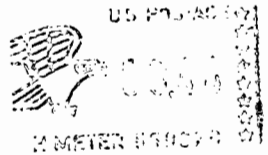
TOTAL AMOUNT DUE: $50.00

RECEIVED
MAIL ROOM
DEC 22 9

Do NOT Remove Label

AIRS ID # 0951152
LITTON LASER SYSTEMS (WAS 0571152)
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273



Litton

Laser Systems

2787 S. Orange Blossom Trail
Apopka, Florida
32703

TITLE V - GENERAL PERMIT
RECEIPTS
P.O. BOX 3070
TALLAHASSEE, FL 32315-3070

Return Postage Guaranteed

P.O. NO.	INV. DATE	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
	12/09/99	0951152'00	50.00	0.00	50.00
			50.00	0.00	50.00

Litton

Laser Systems Division

P.O. Box 547300
Orlando, Florida
32854-7300

CHECK NO. 084683

REMITTANCE ADVICE

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING 100606

check # 92582

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: $50.00

RECEIVED
MAIL ROOM
DEC 20

Do NOT Remove Label

AIRS ID # 0951152
LITTON LASER SYSTEMS (WAS 0571152)
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: A1
Fund: 20-2-035001
Obj.: 002273

Litton

Laser Systems

2787 S. Orange Blossom Trail
Apopka, Florida
32703

TITLE V- GENERAL PERMIT
RECEIPTS
P.O. BOX 3070
TALLAHASSEE, FL 32315-3070

Return Postage Guaranteed

32315-3070

P.O. NO.	INV. DATE	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
	12/12/00	ID#0951152	50.00	0.00	50.00
			50.00	0.00	50.00

Litton

Laser Systems Division

P.O. Box 547300
Orlando, Florida
32854-7300

CHECK NO. 092582

REMITTANCE ADVICE

P.O. NO.	INV. DATE	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
NONE	12/08/98	0951152	50.00	.00	50.00
			50.00	.00	50.00

Litton
Laser Systems Division

P.O. Box 547300
Orlando, Florida
32854-7300

CHECK NO. 074423

REMITTANCE ADVICE

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING 0354338

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: $50.00

RECEIVED
DEC 21 1995
Bureau of Air Monitoring & Mobile Sources

Do NOT Remove Label

AIRS ID # 0951152
LITTON LASER SYSTEMS (WAS 0571152)
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273

301000

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

RECEIVED
MAIL ROOM
JAN 27 98

TOTAL AMOUNT DUE: $50.00

Do NOT Remove Label

AIRS ID#~~0951152~~ 0571152

LITTON LASER SYSTMS
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273

P.O. NO.	INV. DATE	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
NONE	01/13/97	011397	50.00	.00	50.00
			50.00	.00	50.00

Litton
Laser Systems Division

P.O. Box 547300
Orlando, Florida
32854-7300

CHECK NO. 065408

REMITTANCE ADVICE

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

413004 JAN14 2002

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: $50.00

Do NOT Remove Label

AIRS ID # 0951152
LITTON LASER SYSTEMS (WAS 0571152)
JAMES B HILF
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL
32703

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: A1
Fund: 20-2-035001
Obj.: 002273

Check #4890

P.O NO.	INV. DATE	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
	12-22-2001	ID 0951152	$50.00	$0.00	$50.00
TOTAL			$50.00	$0.00	$50.00

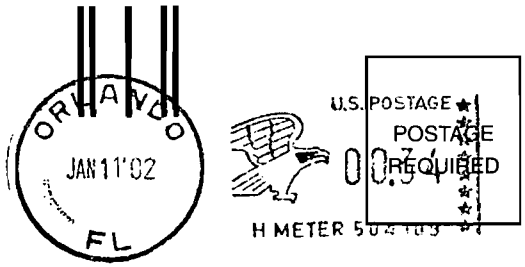
REMOVE DOCUMENT ALONG THIS PERFORATION

Litton Systems Inc., Laser Systems
P.O. Box 547300
Orlando, Florida 32854-7300

0000004890

DEPT OF ENVIRONMENTAL PROTECTI
TITLE V AIR GENERAL PERMITS
RECEIPTS
P.O. BOX 3070
TALLAHASSEE FL USA
32315-3070

Litton Laser Systems
P.O. Box 547300
Orlando, FL 32854-7300



TITLE V - General Permit
Receipts
Post Office Box 3070
Tallahassee, FL 32315-3070

32315+3070 39

7001 0320 0001 7975 8657

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postag	

Postmark Here

Sent To: 11 AIRS ID # 0951152
Street, Apt. No or PO Box No.: JAMES B HILF
City, State, ZIP: LITTON LASER SYSTEMS
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

PS Form 3800, January 2001 — See Reverse for Instructions

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

11 AIRS ID # 0951152
JAMES B HILF
LITTON LASER SYSTEMS
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*: OLMeda
B. Date of Delivery: 4/6

C. Signature: X
☐ Agent
☐ Addressee

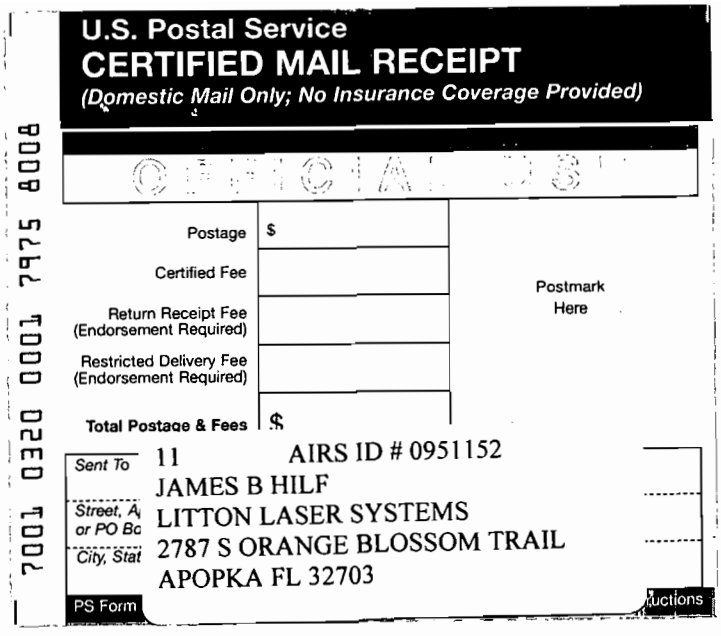
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

7001 0320 0001 7975 8657

PS Form 3811, July 1999 — Domestic Return Receipt — 102595-99-M-1789



U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage $
Certified Fee
Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees $

Postmark Here

7001 0320 0001 7975 8008

Sent To 11 AIRS ID # 0951152
JAMES B HILF
Street, A LITTON LASER SYSTEMS
or PO Bc 2787 S ORANGE BLOSSOM TRAIL
City, Stat APOPKA FL 32703

PS Form ...uctions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1 Article Addressed to:

11 AIRS ID # 0951152
JAMES B HILF
LITTON LASER SYSTEMS
2787 S ORANGE BLOSSOM TRAIL
APOPKA FL 32703

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* Jeanne Ross
B. Date of Delivery 4/22

C. Signature
X Jeanne Ross
☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

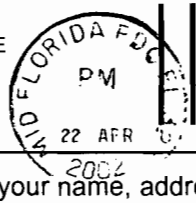
4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2 Article Number *(Copy from service lat* 7001 0320 0001 7975 8008

PS Form 3811, July 1999 Domestic Return Receipt 102595-99-M-1789

ifier

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

DARM/MOBILE SOURCE CONTROL PROGRAM
DEPT. OF ENVIRONMENTAL PROTECTION
MAIL STATION 5510
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

NORTHROP GRUMMAN
Electronic Systems

Northrop Grumman Corporation
Laser Systems
P.O. Box 547300
Orlando, FL 32854-7300

ORLANDO

General Permits Section
Bureau of Air Monitoring and Mobile Sources,
MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400