

→ P 5/9

Check Sheet

Company Name: Florida Ordinance Corp.
Permit Number: AC 27-187309
PSD Number:
County:
Permit Engineer:
Others involved: Cindy Phillips

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response
- Other

executed in SE district.

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit
- Correspondence with:
 - EPA
 - Park Services
 - County
 - Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)
- Other

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination
- Other

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services
- Other



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtman, Secretary

John Sheare, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

RECEIVED

JAN 14 1991 Telephone No. 407/433-2650

JAN 10 1991

NOTICE OF PERMIT

Broward County DER-BAQM
AP - Florida Ordnance Corporation
Tank Components Manufacturing Line

Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
4740 N.W. 15th Avenue
Fort Lauderdale, Florida 33309

Dear Mr. Zachor:

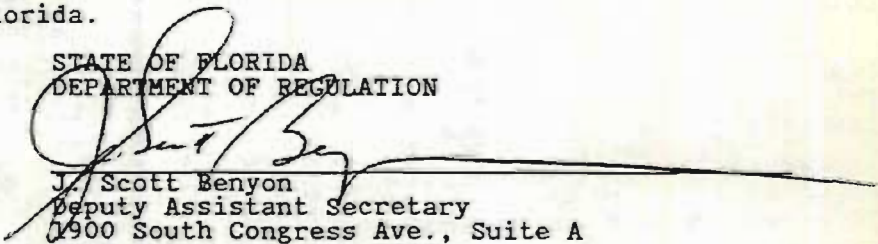
Enclosed is Permit Number AC 06-187309, to construct an air pollution source, issued pursuant to Section(s) 403.087, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

In addition, please be advised that some processes generate hazardous wastes. Please consult 40 C.F.R. Parts 260-271 and Chapter 17-730, F.A.C. for specific rules and regulations applicable to hazardous waste handlers. Attached for your use is a document entitled "Highlights of Hazardous Waste Regulations" which outlines typical compliance items applicable to various hazardous waste generators/facilities.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA
DEPARTMENT OF REGULATION


J. Scott Benyon
Deputy Assistant Secretary
1900 South Congress Ave., Suite A
West Palm Beach, FL 33406
407/433-2650

JSB:MS/k28

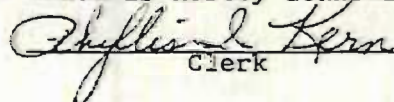
cc: Broward County Environmental Quality Control Board
J. E. Brenman, P.E.
Cindy Phillips, BAR, DER, Tallahassee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on JAN 10 1991 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(10), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk

JAN 10 1991
Date



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

New Telephone No. 407/433-2650

PERMITTEE:

Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
4740 N.W. 15th Avenue
Fort Lauderdale, Florida 33309

I.D. NUMBER: 50/BRO/06/2122

PERMIT/CERTIFICATION NUMBER: AC 06-187309

DATE OF ISSUE: JAN 10 1991

EXPIRATION DATE: December 31, 1991

COUNTY: Broward

LATITUDE/LONGITUDE: 26°11'13"N/80°09'37"W

UTM: Zone 17; 583.9 Km. E; 2896.5 Km. N

PROJECT: Florida Ordnance Corporation
Tank Components Manufacturing Line

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule 17-2, and in conformance with all existing regulations of the Florida Department of Environmental Regulation. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

CONSTRUCT: An air pollution source consisting of a tank components manufacturing line with a Pangborn Model 6 GN-6R abrasive metal cleaner connected to a Torit Model 90 dust collector, a degreaser and an anti-rust dip tank.

IN ACCORDANCE WITH: Application to Construct an Air Pollution Source received October 3, 1990; additional information received November 7, 1990 and November 20, 1990; and Public Notice of Intent issued December 4, 1990 and published December 26, 1990 in the Fort Lauderdale News/Sun Sentinel (none are attached).

LOCATED AT: 4740 N.W. 15th Avenue, Fort Lauderdale, Broward County, Florida.

TO SERVE: A tank components manufacturing line (SIC # 3795).

SUBJECT TO: General Conditions 1-14 and Specific Conditions 1-9.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under the conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in the permit, the permittee shall immediately notify and provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

GENERAL CONDITIONS:

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following :

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

PERMITTEE:
Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
Fort Lauderdale, Florida
SPECIFIC CONDITIONS:

I.D. NUMBER: 50/BRO/06/2122
PERMIT/CERTIFICATION NUMBER: AC 06-187309
DATE OF ISSUE: JAN 10 1991
EXPIRATION DATE: December 31, 1991


1. Application for a permit to operate shall be submitted to the Department at least sixty (60) days prior to the expiration of this permit, but in no case more than fourteen (14) days after commencement of operation. In no case shall a source be operated without an appropriate operating permit. The Certification of Completion of Construction, DER Form 17-1.202(3) may be submitted in lieu of the application for a permit to operate.
2. Emission limiting standards are as follow:
 - a) The facility is limited to 15 tons per year of VOC.
 - b) In accordance with Florida Administration Code Rule 17-2.650(1)(f)14b.(i)c - No owner or operator of a coating line for miscellaneous metal parts and products shall cause, allow or permit the discharge into the atmosphere of any volatile organic compounds in excess of: 3.5 lb. of VOC per gallon of coating (6.67 lb./per gallon of solids), excluding water delivered to a coating applicator that applies extreme performance coatings.
3. The compliance test report shall include results of tests by the following method:

<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Nokorode/Mineral Spirits	Volatile Organic Compounds	EPA Method 24

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-2.700(7).
4. On or before March 1 of each calendar year, a completed DER Form 17-1.202(6), Annual Operations Report Form for Air Emissions Sources shall be submitted to the Department.
5. The operation of the source covered by this permit shall be limited to 8,760 hours per year.
6. Fuel used shall be limited to natural gas.
7. Copies of all reports, tests, notifications or other submittals required by this permit shall be submitted to both the Department of Environmental Regulation, Southeast District Office and Broward County Environmental Quality Control Board.
8. The permittee shall keep a log on a daily basis with the amount of coating used on the line, and the hours of operation. On a daily basis the permittee shall determine the lb. of VOC per gallon of solids to verify compliance with Specific Condition 2.b). On an annual basis the permittee will compile this information to produce the annual operation report and to show compliance with Specific Condition 2.a).
9. The permittee shall be aware of and operate under the attached "General Permit Conditions #1 thru #14." General Permit Conditions are binding upon the permittee and enforceable pursuant to Chapter 403 of the Florida Statutes.

Issued this 10th day of January, 1991

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION


J. Scott Benyon
Deputy Assistant Secretary



DEC 4 1990

Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-564-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Scott Benyon, Deputy Assistant Secretary

Telephone No. 407/433-2650

RECEIVED
DEC 06 1990
DER-BAC

Broward County
AP - Florida Ordnance Corporation
Tank Components Manufacturing Line

Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
4740 N.W. 15th Avenue
Fort Lauderdale, Florida 33309

Dear Mr. Zachor:

RE: File Number AC 06-187309 - Florida Ordnance Corporation/Tank Components
Manufacturing Line

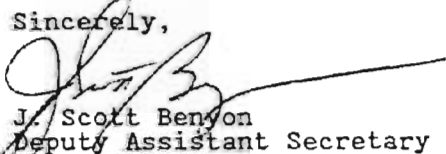
The subject application has been evaluated and the Department intends to issue a permit for this project. Pursuant to Section 403.815, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rule 17-103.150, you are required to provide public notice at your expense.

Please have the enclosed Notice of Proposed Agency Action published one time only in the legal advertisement section of a newspaper of general circulation in the county where the activity is proposed. The notice must be published as soon as possible.

In accordance with F.A.C. Rule 17-103.150, you must provide proof of publication to the Department within seven (7) days of publication. Please have the newspaper prepare an affidavit of publication and submit it to this office. Further action on your application will be taken following public notice and the waiting period specified in the notice.

If there are any questions regarding this matter contact Mark Sittig at this office, telephone 407/433-2650.

Sincerely,


J. Scott Benyon
Deputy Assistant Secretary

JSB:MS/k25

cc: Broward County Environmental Quality Control Board
J. E. Brenman, P.E.
Cindy Phillips, BAR, DER, Tallahassee

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

DEC 4 1990

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

In the Matter of an
Application for Permit by:

Mr. Uri Zachor, Vice President /
Florida Ordnance Corporation /
4740 N.W. 15th Avenue /
Fort Lauderdale, Florida /

DER FILE NO. AC 06-187309
Broward County
Air Program

INTENT TO ISSUE

The Southeast District Office of the Department of Environmental Regulation gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Mr. Uri Zachor, Vice President of Florida Ordnance Corporation, 4740 N.W. 15th Avenue, Fort Lauderdale, Florida 33309, applied on October 3, 1990 to the Department of Environmental Regulation for a permit to Construct an air pollution source consisting of a tank components manufacturing facility. The facility is located at the above address in Broward County, Florida.

The Department has permitting jurisdiction under Section 403.087 (c), F.S. to issue or deny permits for air pollution sources. The project is not exempt from permitting procedures. The Department has determined that an air pollution permit is required for the proposed work.

The Department intends to issue this permit based on Florida Administrative Code Rules 17-2 and 17-4, and the belief reasonable assurances have been provided to indicate the proposed project will not adversely impact air quality.

Pursuant to Sections 403.815, Florida Statutes, and DER Rule 17-103.150 F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. The applicant shall provide original copy of the proof of publication to the Department, at 1900 South Congress Avenue, Suite A, West Palm Beach, Florida 33406, within seven days of publication. Failure to publish the notice and provide proof of publication

within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioners shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

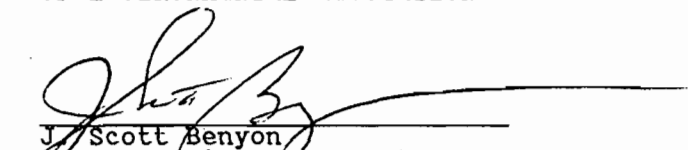
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the applicant have the right to petition to become a party to the proceeding. The petition must conform to the

requirements specified above and be filed (received) within 14 days of publication of this notice

in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A. C.

Executed in West Palm Beach, Florida this 4th day of December, 1990.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


J. Scott Benyon
Deputy Assistant Secretary
1900 South Congress Ave.,
Suite A
West Palm Beach, FL 33406
407/433-2650

JSB:MS/k25

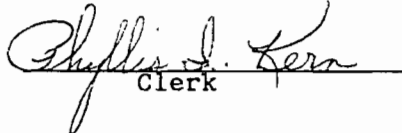
cc: Broward County Environmental Quality Control Board
Michael K. Miller, P.E.
Cindy Phillips, BAR, DER, Tallahassee

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on DEC 4 1990 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT FILED,
on this date, pursuant to §120.52(9),
Florida Statutes, with the designated
Department Clerk, receipt of which is
hereby acknowledged.


Clerk

DEC 4 1990
Date

Enclosure: Draft permit

Notice of Intent to Issue Permit

The Department of Environmental Regulation gives notice of its intent to issue a permit to Mr. Uri Zachor, Vice President of Florida Ordnance Corporation, 4740 N.W. 15th Avenue, Fort Lauderdale, Florida, to construct an air pollution source consisting of a tank components manufacturing facility. The project site is located at the above address in Broward County Florida. The source is not expected to violate air pollution regulations.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by the Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Southeast Florida District Office, 1900 South Congress Avenue, Suite A, West Palm Beach, Florida 33406.

DRAFT



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

NOTICE OF PERMIT

Broward County
AP - Florida Ordnance Corporation
Tank Components Manufacturing Line

Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
4740 N.W. 15th Avenue
Fort Lauderdale, Florida 33309

Dear Mr. Zachor:

Enclosed is Permit Number AC 06-187309, to construct an air pollution source, issued pursuant to Section(s) 403.087, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

In addition, please be advised that some processes generate hazardous wastes. Please consult 40 C.F.R. Parts 260-271 and Chapter 17-730, F.A.C. for specific rules and regulations applicable to hazardous waste handlers. Attached for your use is a document entitled "Highlights of Hazardous Waste Regulations" which outlines typical compliance items applicable to various hazardous waste generators/facilities.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA
DEPARTMENT OF REGULATION

J. Scott Benyon
Deputy Assistant Secretary
1900 South Congress Ave., Suite A
West Palm Beach, FL 33406
407/433-2650

JSB:MS/k28

cc: Broward County Environmental Quality Control Board
J. E. Brenman, P.E.
Cindy Phillips, BAR, DER, Tallahassee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on _____ to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(10), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

Date



DRAFT

Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

PERMITTEE:

Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
4740 N.W. 15th Avenue
Fort Lauderdale, Florida 33309

I.D. NUMBER: 50/BRO/06/2122

PERMIT/CERTIFICATION NUMBER: AC 06-187309

DATE OF ISSUE:

EXPIRATION DATE: December 31, 1990

COUNTY: Broward

LATITUDE/LONGITUDE: 26°11'13"N/80°09'37"W

UTM: Zone 17; 583.9 Km. E; 2896.5 Km. N

PROJECT: Florida Ordnance Corporation
Tank Components Manufacturing Line

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule 17-2, and in conformance with all existing regulations of the Florida Department of Environmental Regulation. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

CONSTRUCT: An air pollution source consisting of a tank components manufacturing line with a Pangborn Model 6 GN-6R abrasive metal cleaner connected to a Torit Model 90 dust collector, a degreaser and an anti-rust dip tank.

IN ACCORDANCE WITH: Application to Construct an Air Pollution Source received October 3, 1990; addition received November 7, 1990 and November 20, 1990; and Public Notice of Intent issued, 19.... and published, 19... in the (none are attached).

LOCATED AT: 4740 N.W. 15th Avenue, Fort Lauderdale, Broward County, Florida.

TO SERVE: A tank components manufacturing line (SIC # 3795).

SUBJECT TO: General Conditions 1-14 and Specific Conditions 1-9.

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under the conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in the permit, the permittee shall immediately notify and provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

DRAFT

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following :

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

PERMITTEE:
Mr. Uri Zachor, Vice President
Florida Ordnance Corporation
Fort Lauderdale, Florida
SPECIFIC CONDITIONS:

I.D. NUMBER: 50/BRO/06/2122
PERMIT/CERTIFICATION NUMBER: AC 06-187309
DATE OF ISSUE:
EXPIRATION DATE: December 31, 1991

DRAFT

1. Application for a permit to operate shall be submitted to the Department at least sixty (60) days prior to the expiration of this permit, but in no case more than fourteen (14) days after commencement of operation. In no case shall a source be operated without an appropriate operating permit. The Certification of Completion of Construction, DER Form 17-1.202(3) may be submitted in lieu of the application for a permit to operate.
2. Emission limiting standards are as follow:
 - a) The facility is limited to 15 tons per year of VOC.
 - b) In accordance with Florida Administration Code Rule 17-2.650(1)(f)14b.(i)c - No owner or operator of a coating line for miscellaneous metal parts and products shall cause, allow or permit the discharge into the atmosphere of any volatile organic compounds in excess of: 3.5 lb. of VOC per gallon of coating (6.67 lb./per gallon of solids), excluding water delivered to a coating applicator that applies extreme performance coatings.
3. The compliance test report shall include results of tests by the following method:

<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Norkorode/Mineral Spirits	Volatile Organic Compounds	EPA Method 24

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-2.700(7).
4. On or before March 1 of each calendar year, a completed DER Form 17-1.202(6), Annual Operations Report Form for Air Emissions Sources shall be submitted to the Department.
5. The operation of the source covered by this permit shall be limited to 8,760 hours per year.
6. Fuel used shall be limited to natural gas.
7. Copies of all reports, tests, notifications or other submittals required by this permit shall be submitted to both the Department of Environmental Regulation, Southeast District Office and Broward County Environmental Quality Control Board.
8. The permittee shall keep a log on a daily basis with the amount of coating used on the line, and the hours of operation. On a daily basis the permittee shall determine the lb. of VOC per gallon of solids to verify compliance with Specific Condition 2.b). On an annual basis the permittee will compile this information to produce the annual operation report and to show compliance with Specific Condition 2.a).
9. The permittee shall be aware of and operate under the attached "General Permit Conditions #1 thru #14." General Permit Conditions are binding upon the permittee and enforceable pursuant to Chapter 403 of the Florida Statutes.

Issued this _____ day of _____, 1990

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

J. Scott Benyon
Deputy Assistant Secretary



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

RE: HAZARDOUS WASTE INSPECTION

The purpose of this letter is to inform you that the Department intends to inspect your facility in the near future to determine compliance with the Hazardous Waste Regulations contained in Florida Administrative Code (F.A.C.) 17-730. The Department will also check on your compliance with Title 40 CFR Part 268, regarding "Land Ban" wastes. In recognition that the cited rules and regulations are complicated and often difficult to understand, I have attached an outline entitled "Highlights of Hazardous Waste Regulations". This document spells out the different categories of hazardous waste facilities. It also highlights the compliance items the inspectors will be looking for during the upcoming visit to your facility.

I strongly recommend that you read the "Highlight" document as well as the appropriate regulations and correct any waste handling or record keeping deficiencies at your facility prior to our inspection. In many instances we are required to seek penalty assessments for non-compliance items, even on the first visit/inspection. In certain severe instances these penalty assessments can range up to \$50,000 per day, per violation.

Should you have any questions concerning the Hazardous Waste regulations or inspection procedures, please contact the Hazardous Waste Section in West Palm Beach, telephone (407) 964-9668.

Thank you for your cooperation.

Sincerely,

J. Scott Benyon
Deputy Assistant Secretary

JSB:pwk/2

Attachment

cc: Hazardous Waste Section, West Palm Beach



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

HIGHLIGHTS OF HAZARDOUS WASTE REGULATIONS (October, 1989)

This write-up is provided to assist hazardous waste (HW) handlers in meeting the regulations. HWs are wastes which are either listed by the U.S. E.P.A., or are ignitable (i.e. flash point < 140° F, or an oxidizer), corrosive (e.g. pH < 2 or > 12.5), reactive, or toxic, as defined in 40 CFR Part 261. A HW determination must be made of any waste generated (§262.11). If the waste is hazardous, then it must be recycled, treated, stored or disposed of at a proper HW facility. HW cannot be disposed of on or in the ground, nor at local landfills, septic tanks, or injection wells. Regardless of quantity, the generator of HW is ultimately responsible for the waste from "cradle to grave", and can be held liable for improper management of HW even though it may have been sent to a "proper" HW management facility using a licensed transporter. A copy of the hazardous waste regulations (40 CFR Parts 190-299 (specifically 260-270) can be obtained from a public, college or law library, or EPA Region IV (Atlanta, GA 30365), or the U. S. Government Printing Office (Washington, D.C. 20402) or the U.S. Government Printing Office, P.O. Box 35089, Jacksonville, Florida 32202, telephone 904/791-3801.

I. SMALL QUANTITY GENERATORS (SQG)

A. Conditionally Exempt Small Quantity Generators. (40 CFR 261.5; F.A.C. 17-730)

1. Perform HW determination (§262.11).
2. * Generate < 100 kg/month (<1kg month acute HW).
3. Accumulate < 1000 kg at any time.
4. Ensure delivery of HW to a proper recycling or Treatment/Storage/Disposal (TSD) facility.
5. For SQGs generating > 100 kg/month (approx. 25 gal.), use manifest for shipments.
6. Comply with land disposal restrictions (LDR) Part 268, unless exempt.

* Many wastes which are recycled are included in the quantity determination, as well as influent wastewaters prior to treatment, neutralization, etc.

B. SQG 100-1000 kg/month (40 CFR 262.34; F.A.C. 17-730)

1. Obtain a DER/EPA ID number [§262.12].
2. Use manifest system (unless there is a reclamation agreement pursuant to §262.20(e), and ship only to a permitted facility (262, Subpart B).
3. Never exceed the 6000 kg accumulation/180 day storage time limit.

NOTE: DER is more stringent here (i.e., eliminate the 200 mile/270 day exception), and will require SQG to file an exception report for late or missing manifests from the designated facility.

4. Emergency Planning

- a) Have at least one employee with authority as Emergency Coordinator (E.C.) that is on 24 hour call (§262.34(d)(5)).
- b) Next to the telephone, post (i) the E.C. name and phone number, (ii) fire department's number, (iii) location of fire extinguishers, spill control equipment/material, and fire alarm (if any) (§262.34(d)(5)).
- c) Follow emergency procedures in §262.34(d)(4), including taking necessary steps to address spills and fires, and notify National Response Center (24 hr. number: 800/424-8802).
- d) Upon request, the Department will provide a concise, easy-to-follow contingency plan guidance document which describes the contingency plan requirements for full generators, if the facility wishes to develop a more comprehensive emergency plan than required of 100-1000 kg/month generators.

5. Training of personnel regarding proper HW handling and emergency response (§262.34)(d)(5)(iii).
6. Keep records (§262.44), including manifests, test results, etc. a minimum of three years.7.
7. If tanks are used for management of HW, meet the tank requirements of (§265.201).
8. Meet the following requirements under II, below: items 7 through 21.
9. If a SQG fails to meet applicable requirements, the full generator standards (and possibly TSD standards) may apply.
10. Comply with Land Disposal Restrictions requirements set forth in 40 CFR §268.

NOTE: SQGs must be able to demonstrate proper management of HW, and records should be kept. Effective 9/22/86, the rules require 100-1000 kg/mo. generators to meet the following additional requirements (Federal Register, Vol. 51, No. 56, p. 10178, March 24, 1986).

II. GENERATORS (40 CFR 262, 265, and 268: F.A.C. 17-630)

1. Perform HW Determination [262.11].
2. Obtain a DER/EPA ID number [262.12].
3. Generate > 1000 kg/mo. or > 1 kg/mo. acute HW, or otherwise do not qualify for (or fails to fulfill certain) SQG requirements.
4. Accumulate wastes < 90 days [§262.34(b)].
5. File annual report for all HW shipped off site [F.A.C. 17-730.16].
6. Meet personnel training requirements, including documentation [§265.16].
7. Use manifest system, and ship to a permitted facility [262 Subpart B].
8. File exception report for late or missing manifests from the designated facility [§262.42].
9. Label containers with the words "hazardous waste" and accumulation start dates, and label tanks "hazardous waste: [§262.34(a)].
10. Meet satellite accumulation rules [§262.34(c)].
11. Meet pre-transport requirements re: packaging, labeling, marking and placarding [262 Subpart C].
12. Keep all records for at least 3 years (e.g., manifests, test data, waste analyses, annual report, etc.) [262 Subpart D].
13. Special cautions (including "No Smoking" signs) are required for ignitable or reactive wastes (§265.17)].
14. Security (e.g. a locked fence) and bermed containment areas (with roof and impermeable floor) for HW storage areas are strongly recommended.
15. Maintain and operate the facility in a clean, safe manner [§265.31]. It is the facility's responsibility to comply with OSHA worker safety and protective clothing rules, Fire Codes, Florida's Right to Know Law, local government codes, etc.].
16. Emergency equipment (§265.32).
 - a) telephone or hand-held two-way radio;
 - b) internal communication or alarm system;
 - c) fire and spill control equipment (e.g., fire extinguishers, hoses, sprinklers, etc.);
 - d) neutralizing agents, spill adsorbants, overpack drums, standby 55-gallon drums, etc.;
 - e) test and maintain the emergency equipment [§265.33];
17. Maintain adequate aisle space for evacuation, inspecting drums, etc. [§265.35] (e.g., No less than 3 feet).

18. Attempt to make arrangements with local fire and police departments, hospitals, and emergency response contractors/equipment suppliers with regards to HW-related emergencies [§265.37].
19. Containers (e.g., drums, cans, etc.) must be kept closed and in good condition, inspected at least weekly, be compatible with the HW stored, and separated from other incompatible wastes (e.g., keep cyanides away from acids and oxidizers). [265 Subpart I].
20. Tanks must meet the requirements of 265 Subpart J (structural integrity; containment and detection of releases; inspection; response to leaks or spills; operating requirements; closure and post-closure care; special requirements for ignitable, reactive and/or incompatible wastes; waste analysis and trial test).
21. Comply with LDR requirements set forth in §268. Certification (land disposal restricted waste does not exceed treatment standards) or Notification (land restricted waste or exemption) must accompany all manifests of restricted wastes (§268.7), unless exempt.
22. Have a written contingency plan [265 Subpart D]. Upon request, the DER/West Palm Beach HW Section will provide a concise, easy-to-follow contingency plan guidance document.
23. Ignitable or reactive HW must be stored at least 50 feet from the facility's boundary line. [265 Subpart I].

III. TRANSPORTERS [40 CFR 265]

1. Obtain DER/EPA ID # [§263.11].
2. Use manifests [263 Subpart B].
3. Keep records (§263.22).
4. Ability to clean up discharges during transportation-related incidents (§263 Subpart C).
5. Documentation for financial liability [F.A.C. 17-730.170].
6. Transporter picking up HW from SQGs are exempt from manifest and recordkeeping requirements of §263.20.22, provided:
 - (a) the waste transported is pursuant to a reclamation agreement, and
 - (b) the transporter logs certain information and retains the record for 3 years after cessation of the agreement [§262.34(d)].
7. Transporters in Florida, storing HW > 24 hours, and < 10 days are considered a transfer facility and must notify the Department and comply with certain storage facility requirements such as personnel training, contingency plan, preparedness and prevention requirements, records maintenance, closure plan, security, container requirements, certain notification requirements, etc. HW stored in vehicles (or containers) at transfer facilities shall be on a manmade surface which is capable of preventing spills from reaching the ground [F.A.C. 17-730.171(2)].

IV. TREATMENT, STORAGE AND DISPOSAL FACILITIES (TSDF)
(40 CFR 264 OR 265 AND 268)

Must notify as a TSDF, obtain a HW permit unless exempt (e.g., wastewater treatment units, elementary neutralization, etc.). Must meet applicable generator standards (II above) plus security, additional recordkeeping, containment system, closure and financial liability standards, waste analysis plan, inspection logs, post-closure and groundwater monitoring for certain operations, ensure that LDR Part 268 Standards are met; meet additional requirements for impoundments, waste piles, incinerators, etc. Facilities receiving HW from off-site (incl. certain recycling facilities) may be subject to TSDF requirements. A TSDF which has been issued a HW operating permit must comply with the provisions of it's HW permit and the applicable provisions of 40 CFR Part 264.



NOVEMBER 6, 1990

CERTIFIED RRR
No. P394 445 921

STATE OF FLORIDA
DEPT. OF ENVIRONMENTAL REGULATION
1900 SOUTH CONGRESS AVE.
WEST PALM BEACH, FLORIDA 33406

ATTENTION: STEPHANIE BROOKS, P.E.

REFERENCE: FLORIDA ORDNANCE CORP.
FT. LAUDERDALE, FL.

RECEIVED

NOV 9 1990

DER-BAQM

DEAR MRS. BROOKS:

AS REQUESTED IN YOUR NOVEMBER 1, 1990 COMPLETENESS SUMMARY, PLEASE CONSIDER THE FOLLOWING SUPPORTIVE DATA:

-THE WHEELABRATOR UNIT IS A MODEL 6 GN-6R AND IS MANUFACTURED BY PANGBORN CORPORATION, HAGERSTOWN, MARYLAND.

-THE WHEELABRATOR MACHINE IS CONNECTED TO A TORIT MODEL 90 DUST COLLECTOR WHICH DISCHARGES INTO A 55 GALLON DRUM.

-WITH REGARD TO THE SPRAY BOOTHS, WE ARE SEEKING ALTERNATIVE SOLUTIONS WHICH WILL ALLOW COMPLIANCE WITH THE RACT LIMITATIONS. UNTIL SUCH ALTERNATIVES HAVE BEEN COMPLETELY INVESTIGATED, WE REQUEST THAT THE TWO (2) SPRAY BOOTHS BE ELIMINATED FROM OUR OCTOBER 23, 1990 APPLICATION. IT IS THE CLIENTS INTENT TO OPERATE THE FACILITY WITHOUT UTILIZATION OF THE SPRAY BOOTHS AND ASSOCIATED ADHESIVES.

TABLE 1-0 AND THE BLOCK FLOW DIAGRAM HAVE BEEN REVISED TO REFLECT THE TEMPORARY HOLD ON THE SPRAY BOOTHS; BOTH ARE ATTACHED FOR YOUR REFERENCE.

PLEASE REFER TO THE ATTACHED CATALOG SHEETS FOR INFORMATION PERTAINING TO THE WHEELABRATOR AND TORRIT UNITS. DATA REGARDING SPRAY CAPACITIES, THE PROPOSED SPRAY EQUIPMENT AND ANTICIPATED APPLICATION RATE WILL BE FORWARDED WHEN THE SPRAY SYSTEM DETAILS HAVE BEEN COMPLETED.

AS MENTIONED PREVIOUSLY, THE CONTRACT UNDER WHICH FOC IS WORKING HAS AN INDUSTRIAL PRIORITIES RATING OF DX4A; FEDERAL REGULATION ESTABLISHES THE DX CODE AS PREFERENTIAL OVER ALL OTHERS. USING THE ABOVE INFORMATION AS THE REVISED BASIS OF REVIEW, AND DUE TO THE REQUIRED DELIVERY SCHEDULE FOR THE CRITICAL PARTS, WE REQUEST THAT THE DEPARTMENT RECONSIDER OUR APPLICATION IN A TIMELY MANNER.



J.E. Brenman Consulting Engineers, Inc.

PAGE 2
FOC-FDER
NOVEMBER 6, 1990

WE ARE AVAILABLE TO MEET WITH YOU IN AN EFFORT TO SPEED UP THIS REQUEST. PLEASE CONTACT THE WRITER SHOULD QUESTIONS ARISE OR YOU REQUIRE ADDITIONAL SUPPORTIVE INFORMATION. WE APPRECIATE YOUR PAST ASSISTANCE AND LOOK FORWARD TO YOUR TIMELY REVIEW OF THIS SUBMITTAL.

VERY TRULY YOURS,

J. E. BRENNAN CONSULTING ENGINEERS, INC.


J. E. BRENNAN, P.E.
PRESIDENT

JEB/BB

CC: DANIELA BANU - BCEQCB
CINDY PHILLIPS, BAR/FDER TALLAHASSEE
URI ZACHOR - FLA. ORDINANCE

W... 3-98 W... 14-88 FLORIDA ORDINANCE P. 03

DUST COLLECTORS

BEST AVAILABLE COPY

EFFICIENT DESIGN

TORIT's cabinet model dust collectors have a self-contained fabric filter to ensure a highly efficient sealed system. Only clean air reaches the fan. These models are easily portable, which increases usage flexibility. Other design features include felt-gasketed doors with specially designed "Positive-Seal" fasteners and sturdy steel construction for long service.

EXCELLENT FILTRATION CAPABILITY

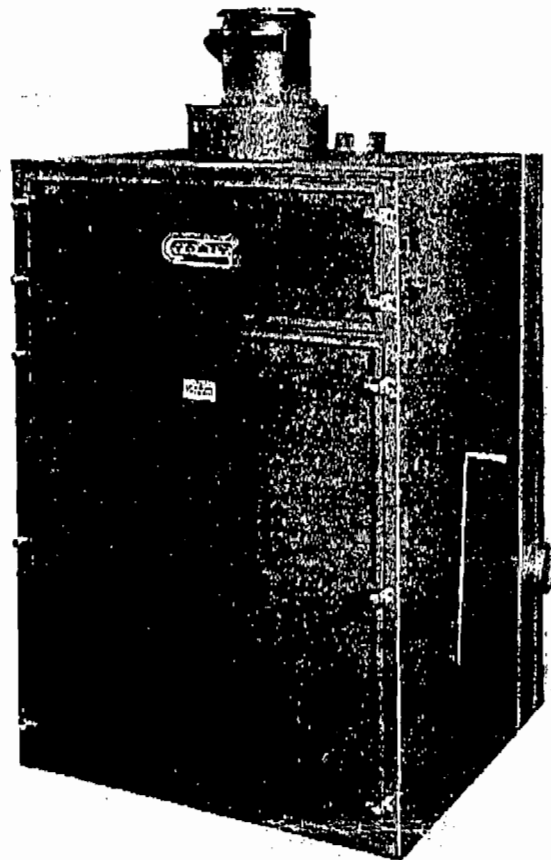
TORIT cabinet models contain fabric filters of an extremely high collection efficiency to trap dust particles of all sizes, including those smaller than one micron. By-weight collection efficiencies are rated at 99.9+%, even when high concentrations of micro-particles are encountered.

CLEANS AIR, LOWERS COST

By effectively removing these unwanted and potentially hazardous materials from the airstream, TORIT Dust Collectors may permit recirculation of the freshly filtered air. The recycling of this air results in operating economies for your heating and air conditioning equipment, because the clean air is already at the proper room temperature.

EASY CLEANING

Most of the collected dust and foreign material settles immediately into the drawer (or hopper base on hopper-type models). The handy pullout drawer has a big 5.5-cubic-foot storage capacity; the optional hopper-type base has an even bigger



8.0-cubic-foot container. Fine dust which clings to the outside of the filter fabric is easily dislodged by working the filter shaker handle.

TAKES LITTLE SPACE

TORIT Model 90 requires only 40" by 36" floor space, so it can be easily utilized close to critical machinery and in cramped areas.

BEST AVAILABLE COPY



DUST COLLECTORS

MODEL 90

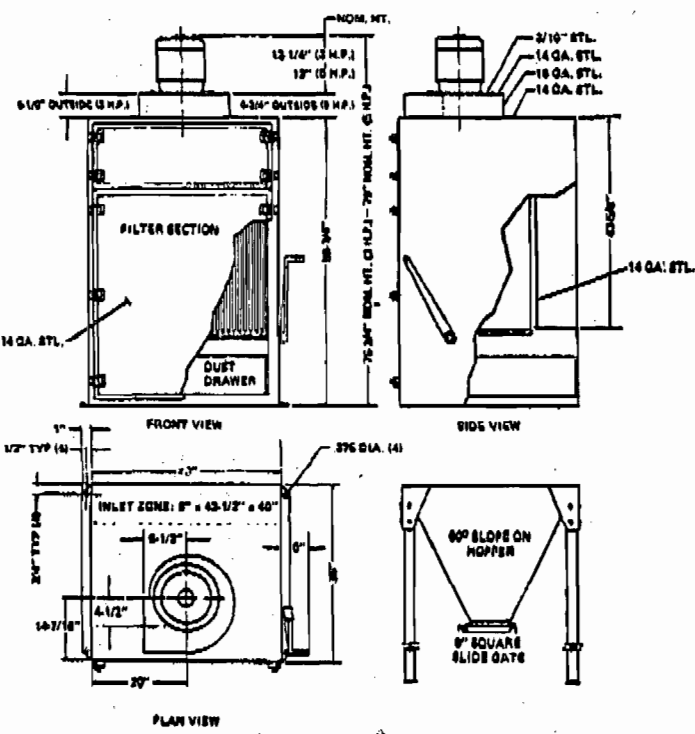
MULTIPLE RATING TABLES

PERFORMANCE TESTED

Performance ratings and A-scale sound level readings are available for all TORIT dust collectors. Ratings are read and verified under standard test conditions in TORIT's laboratories.

MODEL 90 3 H.P.	C.F.M.	VELOCITY	EXTERNAL STATIC PRESSURE (Inches W.G.)	PRESSURE DROP CLEAN FILTERS (Inches W.G.)
1 - 7" Inlet	1535	6734	4.50	.65
	1432	6343	5.50	.56
	1215	4531	6.53	.44
1 - 8" Inlet	1425	7275	5.40	.58
	1203	6139	6.40	.45
	895	4568	7.10	.30
2 - 5" Inlets (CFM each)	783	6831	3.55	.08
	751	6521	4.80	.62
	648	4773	6.05	.50
5 H.P.				
1 - 8" Inlet	2000	6700	6.5	2.05
	1800	6190	6.3	1.80
	1600	4520	7.5	1.45

STANDARD 90 90 WITH HOPPER BASE



SPECIFICATIONS

Motor	3 hp, or 5 hp, 3450 rpm, 230-460v/60/3 motor in an exposed mounting (specify operating voltages when ordering).
Exhaust Outlet	8 inches x 5 inches
Dust Storage Area	5.5 cubic feet — standard 8.0 cubic feet — hopper-type
Floor Space	40 inches x 36 inches
Fabric Filter Area	250 square feet; set of 25 filters, each measuring 24 inches by 30 inches, two sides.
Height	3 hp, 76 3/4 inches — 5 hp, 79 inches
Shipping Weight	3 hp, 500 lbs., cabinet — 650 lbs. with hopper. 5 hp, 525 lbs., cabinet — 675 lbs. with hopper.
Optional Equipment	Casters — Model 90 is available mounted on four rubber-tired casters for easy mobility. Exhaust Silencer — Where silent operation is a must, a highly efficient exhaust silencer is available.
Standard Inlet Location	3 hp. One 7-inch Inlet — 5 hp. One 8-inch Inlet on top rear at center line. Optional Inlets available on back (see illustration for inlet zone).

TORIT district sales representatives are conveniently located throughout the United States and Canada. One will gladly work with you on your in-plant air pollution problems and offer complete recommendations at no obligation to you. Check your Yellow Pages under "Dust Collecting Systems" for local listing, or write.

Specifications subject to change without notice.



LEADERS IN CONTROL OF IN-PLANT AIR POLLUTION
TORIT DIVISION / DONALDSON COMPANY, INC. / BOX 1299 / MINNEAPOLIS, MINNESOTA 55440

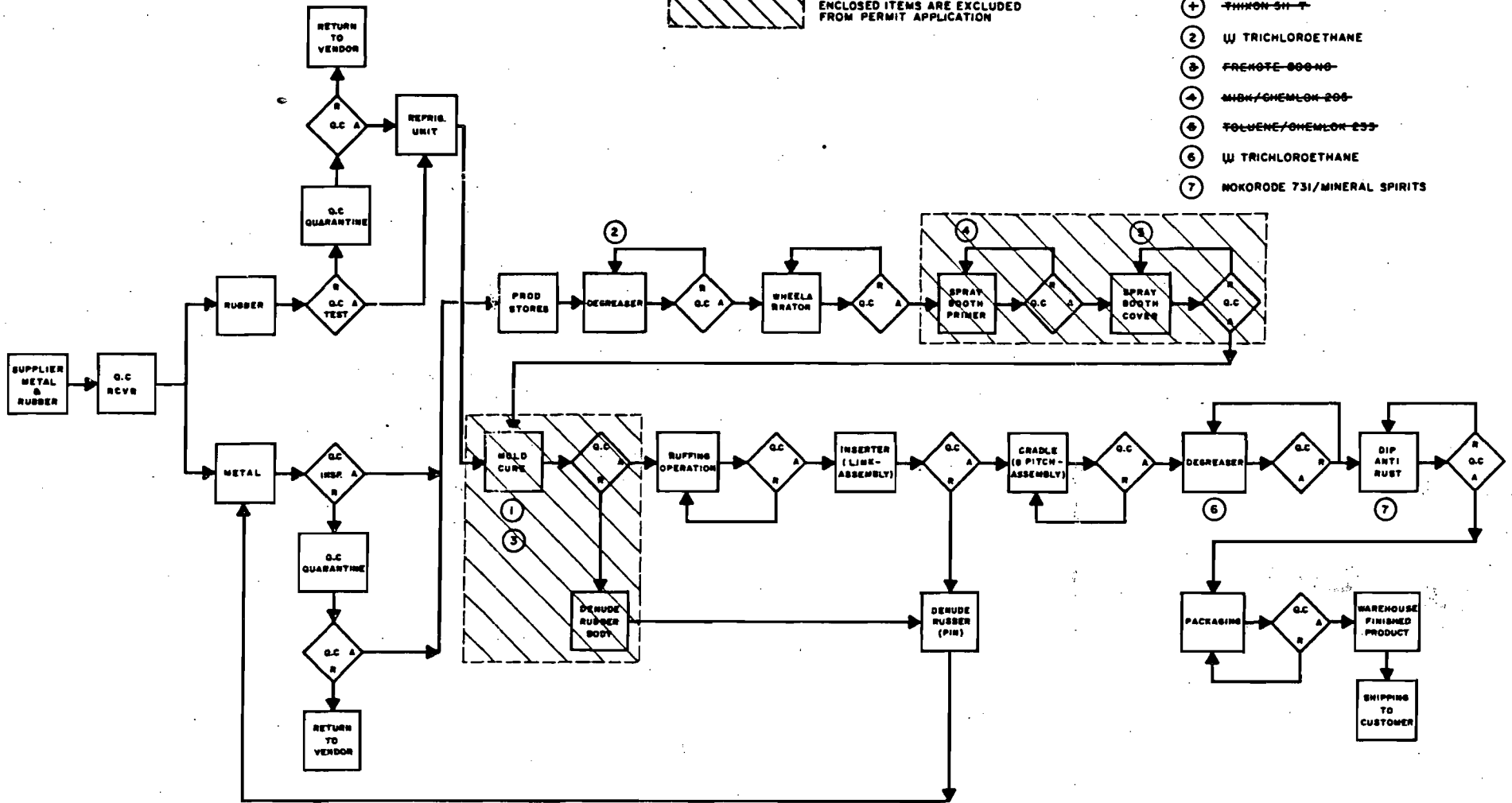
LEGEND



ENCLOSED ITEMS ARE EXCLUDED FROM PERMIT APPLICATION

VOLATILE CHEMICAL USE KEY

- | NO. | CHEMICAL(S) USED |
|-----|------------------------------|
| ① | THINON-SH-T |
| ② | W TRICHLOROETHANE |
| ③ | FRENOTE 800-NG |
| ④ | MIBK/CHEMLON-208 |
| ⑤ | TOLUENE/CHEMLON-233 |
| ⑥ | W TRICHLOROETHANE |
| ⑦ | NOKORODE 731/MINERAL SPIRITS |



J. E. BRENNAN CONSULTING ENGINEERS, INC.
1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071

DATE	REVISIONS
11/2/90	INDICATED ITEMS TO BE EXCLUDED FROM PERMIT

DRAWN BY
J.A. NODARSE
CHECKED BY
J.E. BRENNAN
PROJECT NO.
122-001-90

SCALE
N.T.S.
DATE
9/25/90
SHEET NO.
5 OF 7

BLOCK FLOW DIAGRAM

FLORIDA ORDNANCE CORPORATION
4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

SEAL

Florida Ordnance Corporation

Air emissions Calculations

Table 1 - 0a

Chemical Name	Estimated Chemical Usage			Estimated Volatile Emissions											
	Density lbs/gal	% Vol.	VOC's lb/gal	Gallons per year			Tons per year			Pounds per Hour			Pounds per Year		
				*	**	***	*	**	***	*	**	***	*	**	***
1,1,1 Trichloroethane	10.9	100	10.9	160	480	672	0.9	2.6	3.7	0.8	0.8	0.8	1,744	5,232	7,325
MBK	6.7	100	6.7												
Mineral Spirits	6.6	100	6.6	255	766	1072	0.8	2.5	3.5	0.8	0.8	0.8	1,685	5,054	7,076
Toluene	7.2	100	7.2												
Frekote 800 NC	6.2	98.5	6.1												
Chemlok 205	7.8	76	5.9												
Chemlok 233	9.2	81	7.5												
Nokorode 731	7.6	44	3.3	1021	3063	4288	1.7	5.1	7.2	1.6	1.6	1.6	3,414	10,243	14,340
Thixon 511-T	8.0	78	6.2												
				1436	4309	6032	3.4	10.3	14.4	3.3	3.3	3.3	6,843	20,529	28,740

(*) Calculation at 8 hours/day, 5 days/week & 52 weeks/year.

(**) Calculation at 24 hours/day, 5 days/week & 52 weeks/year.

(***) Calculation at 24 hours/day, 7 days/week & 52 weeks/year.

Notes: 1) Actual Emission are based upon normal utilization of operating equipment.

2) Emissions are to be considered as being emitted through Eight (8) roof stacks. Each stack includes One (1) fan operating at 9200 CFM and 0.125" sp.

3) The general VOC rule has been used to calculate the total estimated emissions; and includes all listed exempt and non-exempt chemicals.

4) The facility also uses small quantities of spray paints, adhesives, solvents and clearing agents; these have not been included in the calculations.



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtman, Secretary

RECEIVED
John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

NOV 5 1990
New Telephone No. 407/433-2650

DER-BAC

November 1, 1990

Mr. Uri Zachor, Vice President
Florida Ordnance Corp.
4740 N.W. 15th Avenue
Ft. Lauderdale, Florida 33309

Broward County
AP - Florida Ordnance Corp.
Miscellaneous Metal Coater

Dear Mr. Zachor:

This is to acknowledge receipt of your application, file number AC 06-187309 for a permit to construct an air pollution source.

- This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) _____, Florida Statutes.
- Your application for permit is complete as of _____ and processing has begun. You are advised that the department under Chapter 120, Florida Statutes, must take final action on your application within ninety (90) days unless the time is tolled by administrative hearing.
- Your application for permit is incomplete. Please provide the information listed on the attached sheet promptly. Evaluation of your proposed project will be delayed until all requested information has been received.
- The additional information received on _____, 1990 was reviewed, however, the items listed on the attached sheet remain incomplete. Evaluation of your proposed project will continue to be delayed until we receive all requested information.
- At this time no permit is required for your project by this Department. Any modifications in your plans should be submitted for review, as changes may result in permits being required. This letter does not relieve you from the need to obtain any other permits (local, state or federal) which may be required.

If you have any questions, please contact Stephanie S. Brooks of this office at (407) 433-2650. When referring to this project, please use the file number indicated.

Sincerely,

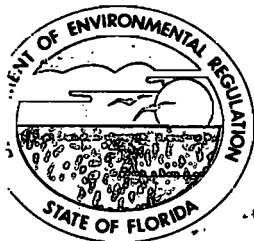
I. Goldman, P. E.
District Air Programs Administrator

IG:SB/k/17

cc: Broward County Environmental Quality Control Board
J. E. Brenman, P.E.
Cindy Phillips, BAR, DER, Tallahassee

Attachments

DER Form 17-1.201(4)
Effective November 30, 1982



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

New Telephone No. 407/433-2650

NOV 1 1990

COMPLETENESS SUMMARY AIR POLLUTION SOURCES

SOURCE NAME: Florida Ordnance Corp. Date Received: 10/03/90
 APPLICANT NAME: Uri Zachor Date Reviewed: 10/10, 10/15, 10/16,
 10/21, 10/29 and 10-31-90
 APPLICANT ADDRESS: 4740 N.W. 15th Avenue Reviewed By: S. Brooks
 Ft. Lauderdale, Florida 33309

Your application for a permit to construct/operate this referenced project has been received, and reviewed for completeness. The following checked items are needed to complete your application.

- Application fee of _____ . Make check payable to the Department of Environmental Regulation.
- Letter authorizing applicant to represent owner.
- 8 1/2" x 11" diagram of flow process.
- 8 1/2" x 11" location map.
- 8 1/2" x 11" plant layout sketch showing emission points. (Actual plant)
- Test results showing compliance with emission limitations of the department.
- Air diffusion modeling results showing compliance with ambient air standards and PSD increment.
- Engineer's report pursuant to Florida Administrative Code Rule 17-4.21(1)(c).
- See comments on application, copy attached.
- Other: (Any section of the application which is incomplete or lacks sufficient information to be evaluated).
 - 1) Provide technical details on the Wheelabrator and the associated dust collector.
 - 2) This facility coats metal parts and products and is subject to RACT. The information supplied on the coatings shows they cannot comply with RACT. Please provide information on the method this facility will use to comply with the requirements of F.A.C. Rule 17-2.650(1)(f)14.
 - 3) Verify spray gun capacities and submit information on the spray guns and rate of application.



J.E. Brenman Consulting Engine
Engineers • Land Surveyors

day 30
Nov 2
for application
military spec no.

OCTOBER 23, 1990

CERTIFIED RR
P 394 445 91

STATE OF FLORIDA
DEPT. OF ENVIR. REGULATION
SOUTH FLORIDA DISTRICT
1900 SOUTH CONGRESS AVE.
WEST PALM BEACH, FLORIDA 33406

STATE OF FLORIDA
DEPT. OF ENVIR. REGULATION
DIV. OF AIR RESOURCES MANAGEMENT
TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

ATTN: STEPHANIE BROOKS, P.E.

ATTENTION: CLAIR H. FANCY, P.E.

REFERENCE: FLORIDA ORDNANCE CORP.
4740 N.W. 15TH AVENUE
FT. LAUDERDALE, FLORIDA

RECEIVED
OCT 26 1990
DER-BAQM

GENTLEMEN:

THE FLORIDA ORDNANCE CORP. (FOC) FACILITY IS A MANUFACTURER OF SMALL DEFENSE RELATED SPARE PARTS; AND HAS BEEN ASSIGNED SIC CODE 3489 (ORDINANCE AND ACCESSORIES). THE OPERATION PERFORMED AT FOC INCLUDES COATING METAL PARTS WITH PROPRIETARY BONDING COMPOUNDS. ALL PROCEDURES, COMPOUNDS, MATERIALS AND APPLICATION METHODS HAVE ALL BEEN PRE-APPROVED BY THE U.S. GOVERNMENT AND ARE NOT SUBJECT TO REVISION. THE CONTRACT UNDER WHICH FOC IS WORKING HAS AN INDUSTRIAL PRIORITIES RATING OF DX4A. FEDERAL REGULATION ESTABLISHES THE DX CODE AT PREFERENTIAL OVER ALL OTHERS. WE UNDERSTAND THAT UNDER CURRENT FDER REGULATIONS, COATING OPERATIONS WHICH FALL WITHIN THE DESIGNATED SIC CODES MUST MEET THE REQUIREMENTS FOR REASONABLE AVAILABLE CONTROL TECHNOLOGY (RACT).

ON OCTOBER 1, 1990 FOC SUBMITTED TO THE WEST PALM BEACH DISTRICT OFFICE, A PERMIT APPLICATION FOR OPERATION OF A POTENTIAL AIR EMISSIONS SOURCE. UPON NOTIFICATION BY THE DISTRICT OFFICE THAT RACT REQUIREMENTS APPLY, WE CONTACTED THE PRE-APPROVED VENDOR, LORD CORPORATION-CHEMICAL PRODUCTS DIVISION AND REQUESTED THAT ALTERNATE METHODS OF APPLICATION AND/OR HIGH SOLID/WATER BASE MATERIALS BE PROVIDED. AS EVIDENCED BY THE ENCLOSED LETTER FROM MR. DOUGLAS H. GREEN, ENVIRONMENTAL COMPLIANCE SPECIALIST FOR LORD CORPORATION, ALTERNATE MATERIALS ARE NOT AVAILABLE NOR IS IT POSSIBLE TO APPLY THIS ADHESIVE COATING IN ANY FASHION OTHER THAN THROUGH SPRAY APPLICATION.

UNDER THE PROVISIONS OF CHAPTER 403.201 OF THE FLORIDA ADMINISTRATIVE CODE, WE REQUEST THAT A VARIANCE BE GRANTED TO FOC FROM THE REQUIREMENTS OF RACT TECHNOLOGY. THE SUGGESTED TERM OF THE VARIANCE IS TO COINCIDE WITH THE TERMS OF THE FOC/U.S. ARMY CONTRACT AND IS TO BE LIMITED TO A ONE YEAR PERIOD WITH THE OPTION FOR FOUR-ONE YEAR EXTENSIONS. DURING THE TERM OF THE VARIANCE, IT WOULD BE OUR INTENT TO SEEK ALTERNATIVE MANUFACTURERS/MATERIALS WHICH WOULD MEET THE INTENT OF THE GOVERNMENT SPECIFICATION. IF SUCH ALTERNATIVES COULD BE DOCUMENTED TO BE UNAVAILABLE, WE EXPECT THAT OUR THAT VARIANCE WOULD BE EXTENDED FOR ANOTHER TERM CONSISTENT WITH THE GOVERNMENT CONTRACT.

1801 University Drive • Coral Springs, Florida 33071-6078
Telephone (305) 752-7117 • Fax (305) 753-7743



J.E. Brenman Consulting Engineers, Inc.

PAGE 2
FLA. ORDNANCE
OCTOBER 23, 1990

IN YOUR REVIEW OF THIS REQUEST, WE ASK THAT THE FOLLOWING POINTS BE CONSIDERED:

1. UNDER ACTUAL OPERATING CONDITIONS THE FACILITY WILL UTILIZE APPROXIMATELY 1830 GALLONS OF ADHESIVE/SOLVENT MATERIALS. THE ESTIMATED ACTUAL EMISSIONS FROM THE SOURCE WILL BE APPROXIMATELY 6.2 TONS PER YEAR.
2. THE PRODUCTION SCHEDULE FOR THE FACILITY WILL BE LIMITED TO 8 HOURS PER DAY, 5 DAYS PER WEEK FOR 52 WEEKS PER YEAR.
3. THE CONTRACT UNDER WHICH FOC IS WORKING, IS FOR A LIMITED TIME PERIOD AND INCLUDES THE MANUFACTURE OF ONE HIGH PRIORITY PRODUCT FOR ONE CUSTOMER.
4. IT IS NOT FEASIBLE TO USE OTHER MATERIALS NOR IS IT POSSIBLE TO APPLY THE COATINGS IN ANOTHER MANNER.
5. ALTHOUGH THE USE OF AN INCINERATION SYSTEM FOR REDUCING VOLATILE EMISSIONS IS POSSIBLE, THE COST AND TIME FRAME REQUIRED FOR SUCH AN INSTALLATION ARE NOT CONSISTENT WITH THE TERMS OF THE CONTRACT.

ON THE BASIS OF THE POINTS DISCUSSED, AND DUE TO THE REQUIRED DELIVERY SCHEDULE FOR THE CRITICAL PARTS, WE REQUEST THAT THE DEPARTMENT REVIEW OUR APPLICATION FOR VARIANCE IN A TIMELY MANNER. WE ARE AVAILABLE TO MEET WITH YOU IN AN EFFORT TO SPEED UP THIS REQUEST. PLEASE CONTACT THE WRITER SHOULD QUESTIONS ARISE OR YOU REQUIRE ADDITIONAL SUPPORTIVE INFORMATION.

VERY TRULY YOURS,

J. E. BRENNAN CONSULTING ENGINEERS, INC.

J.S. Brennan
J. E. BRENNAN, P.E.
PRESIDENT

JEB/LP

CC: MR. URI ZACHOR-FLORIDA ORDNANCE CORP.
MS. DANIELA BANU- EQCB

ENCLOSURES: FDER PERMIT APPLICATION TO C.H. FANCY
LORD LETTER, ARMY P.O. AND PRIORITY CODING
TO DISTRIBUTION



Lord Corporation
Chemical Products Division
2000 West Grandview Blvd.
P. O. Box 10038
Erie, PA 16514-0038
814:868-3611
Telex: 291935
FAX: 814:864-3452

Mr. J. E. Brenman
J. E. Brenman Consulting Engineers, Inc.
1801 University Drive
Coral Springs, FL 33071

October 22, 1990

Dear Mr. Brenman:

At the request of Joe Samson, please use this letter to assist you in working with Florida Ordnance Corp. with regard to the Florida air regulations. The concern is in regard to the VOC content of our CHEMLOK adhesives and the resulting compliance with the Florida regulations by Florida Ordnance Corp.

Based on our current technology and our knowledge of what can be done to modify these CHEMLOK products, we cannot provide as yet products that will comply with the Florida regulations. The current solvent system of our CHEMLOK adhesives and the current solids percentage provide products that can be uniformly coated on metal surfaces. This is a highly critical property that must be maintained in order to give uniform results and reproducibility. Higher solid content adhesives that comply with the Florida regulations cannot be controlled to give the needed results and performance by providing this uniform code on the metal component surfaces. We continue to try to resolve this problem by looking at new adhesives. One major problem is applying a uniform thickness of the adhesive to the metal surface of the final rubber to metal bonded part. Our current adhesives are formulated to provide this ease of application which results in a maximum performance control of the adhesive thickness on the actual metal surface. The final performance of the bonded part is dependent on this property, and, therefore, it must be maintained and controlled to a high degree.

For some time we have had an active program in developing substitute products for our current line of solvent based CHEMLOK adhesives. In fact, we are now devoting up to 75% of our research and development time towards the development of a new generation of waterborne rubber to metal bonding agents. It is our hope that eventually these will provide increased versatility and will overcome the current compound dependence we have seen with one waterborne adhesive system. This system, CHEMLOK 802/828, has provided mixed results but does show some promise in bonding natural rubber. We hope that a second generation of CHEMLOK waterborne adhesives will be available as soon as possible.



J. E. Brenman Consulting Engineers, Inc.
October 22, 1990
Page 2

In our program with Florida Ordnance Corporation, we will continue to provide samples of materials as they become available to ensure that the final outcome will result in the replacement of the solvent based CHEMLOK adhesives with these new waterborne adhesives. To date, we have not been successful.

We are a dominant supplier of rubber-to-metal adhesives in the world, and we are not aware of any high solid adhesives or water based (waterborne) adhesives that can provide the property of our current solvent based adhesives and yet comply with the Florida regulations. Also, we are not aware of any other adhesive supplier that has these products available. We want to assure you and Florida Ordnance Corporation that we are working on new concepts which involve high solids adhesives and waterborne adhesives. As stated before, as these products provide the current performance and application ease properties of our solvent based adhesives, we will certainly sample them and work with you and Florida Ordnance Corporation to incorporate them into their manufacturing facility and environment.

Again, the bottom line seems to be that our current CHEMLOK products do not comply with the Florida regulations. However, we are working on new technologies and hopefully will be able to comply and provide expected results of our current products.

If we can be of any further assistance to you or Florida Ordnance Corporation, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "D.H. Green".

Douglas H. Green
Environmental Compliance Specialist

/slh

cc: Sales File
DDH/JAM/Air Pollution-Florida File
J. Samson
L. G. Manino/N. J. Gervase/K. M. Bond
Uri Zachor - Florida Ordnance Corp.

"Minimum mill quantity"—the minimum quantity of a controlled material that may be obtained from a producer for shipment at any one time to any one destination.

"Official action"—an action taken by Commerce under the authority of the Defense Production Act and this regulation. Such actions include the issuance of Set-asides, Rating Authorizations, Directives, Letters of Understanding, Demands for Information, Inspection Authorizations, and Administrative Subpoenas.

"Person"—any individual, corporation, partnership, association, or any other organized group of persons, and includes any agency of the United States Government or any other government.

"Production equipment"—any item of capital equipment used in producing materials or furnishing services that has a unit acquisition cost of \$2,500 or more, an anticipated service life in excess of one year, and the potential for maintaining its integrity as a capital item.

"Rated order"—a prime contract, a subcontract, or a purchase order in support of an authorized program issued in accordance with the provisions of this regulation.

"Set-aside"—the amount of an item for which a supplier must reserve order book space in anticipation of the receipt of rated orders.

Subpart D—Industrial Priorities

350.10 Delegation of authority.

(a) The priorities and allocations authorities given to the President in Title I of the Defense Production Act have been delegated to the Director of the Federal Emergency Management Agency (FEMA), who, in turn, has delegated these authorities with respect to industrial resources to the Secretary of Commerce. FEMA retains the overall policy and coordinating functions for this delegated authority.

(b) Within the Department of Commerce, these responsibilities have been assigned to the Office of Industrial Resource Administration. The Department of Commerce has authorized the Delegate Agencies to assign priority ratings to orders for items needed for authorized programs. Copies of these Delegations of Authority are provided at Appendix I. They set forth the authorities delegated and those retained by Commerce.

350.11 Priority ratings.

(a) *Levels of priority.* (1) There are two levels of priority established by this regulation, identified by the rating symbols "DO" and "DX".

(2) All DO rated orders have equal priority with each other and take preference over unrated orders. All DX rated orders have equal priority with each other and take preference over DO rated orders and unrated orders. (For resolution of conflicts among rated orders of equal priority, see section 350.14(c).)

(3) In addition, a Directive issued by Commerce takes preference over any DX rated order, DO rated order, or unrated order, as stipulated in the Directive. (For a full discussion of Directives, see section 350.62.)

(b) *Program identification symbols.* Program identification symbols indicate which authorized program is being supported by a rated order. The list of authorized programs and their identification symbols are listed in Schedule I. For example, A1 identifies defense aircraft programs and A7 signifies defense electronic programs. Program identification symbols, in themselves, do not connote any priority.

(c) *Priority ratings.* A priority rating consists of the rating symbol—DO and DX—and the program identification symbol, such as A1, B2, or H6. Thus, a contract for the production of an aircraft will contain a DO-A1 or DX-A1 priority rating. A contract for a radar set will contain a DO-A7 or DX-A7 priority rating.

350.12 Elements of a rated order.

Each rated order must include:

(a) The appropriate priority rating (e.g. DO-A1, DX-A4, DO-H1);

(b) A required delivery date or dates. The words "immediately" or "as soon as possible" do not constitute a delivery date. A "requirements contract" bearing a priority rating may contain no specific delivery date or dates and may provide for the furnishing of items from time-to-time or within a stated period against specific purchase orders or "calls". Such "calls" must specify a required delivery date or dates and are to be considered as rated as of the date of their receipt by the supplier and not as of the date of the original "requirements contract";

(c) The signature of an individual authorized to sign rated orders for the person placing the order. The signature certifies that the rated order is authorized under this regulation and that the requirements of this regulation are being followed; and

(d) A statement that reads in substance:

This is a rated order certified for national defense use, and you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CFR 350).

350.13 Acceptance and rejection of rated orders.

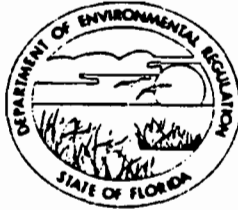
(a) *Mandatory acceptance.* (1) Except as otherwise specified in this section, a person shall accept every rated order received and must fill such orders regardless of any other rated or unrated orders that have been accepted.

(2) A person shall not discriminate against rated orders in any manner such as by charging higher prices or by imposing different terms and conditions than for comparable unrated orders.

(b) *Mandatory rejection.* Unless otherwise directed by Commerce:

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHEAST FLORIDA DISTRICT
1900 SOUTH CONGRESS AVENUE
WEST PALM BEACH, FLORIDA 33406



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
J. SCOTT BENYON
DISTRICT MANAGER

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: MANUF. MILITARY SPARE PARTS [] New¹ [X] Existing¹

APPLICATION TYPE: [X] Construction [] Operation [] Modification

COMPANY NAME: FLORIDA ORDNANCE CORP. COUNTY: BROWARD

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) SEE ATTACHMENT A

SOURCE LOCATION: Street 4740 NW 15TH AVENUE City FT. LAUDERDALE

ZONE 17: UTM: East 583.9 KM North 2896.5 KM

Latitude 26 ° 11 ' 00 "N Longitude 80 ° 7 ' 45 "W

APPLICANT NAME AND TITLE: URI ZACHOR, VICE PRESIDENT

APPLICANT ADDRESS: 4740 NW 15TH AVENUE, FT. LAUDERDALE, FL 33309

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of FLORIDA ORDNANCE

I certify that the statements made in this application for a CONSTRUCTION permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: _____

URI ZACHOR VICE PRESIDENT
Name and Title (Please Type)

Date: _____ Telephone No. (305) 493-8691

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.



Signed J. E. Brennan

J. E. BRENNAN
Name (Please Type)

J. E. BRENNAN CONSULTING ENGINEERS, INC.
Company Name (Please Type)

1801 UNIVERSITY DRIVE CORAL SPRINGS, FL 33071
Mailing Address (Please Type)

Florida Registration No. PF28343 Date: 10/1/90 Telephone No. (305) 752-7117

SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

SEE ATTACHMENT B

B. Schedule of project covered in this application (Construction Permit Application Only)
Start of Construction 10/15/90 Completion of Construction 12/1/90

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

<u>VAPOR DEGREASERS</u>	<u>\$20,000.00</u>
<u>DUST COLLECTION SYSTEMS</u>	<u>\$10,000.00</u>
<u>SPRAY BOOTHS</u>	<u>\$20,000.00</u>

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

FOCB HAZARDOUS MATERIAL LICENSE NO. HM-1883-90, ID No. 1619343
EXPIRATION 1/29/91

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;
if power plant, hrs/yr _____; if seasonal, describe: N/A

F. If this is a new source or major modification, answer the following questions.
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? YES
a. If yes, has "offset" been applied? No
b. If yes, has "Lowest Achievable Emission Rate" been applied? No
c. If yes, list non-attainment pollutants. OZONE
2. Does best available control technology (BACT) apply to this source?
If yes, see Section VI. No
3. Does the State "Prevention of Significant Deterioration" (PSD)
requirement apply to this source? If yes, see Sections VI and VII. No
4. Do "Standards of Performance for New Stationary Sources" (NSPS)
apply to this source? No
5. Do "National Emission Standards for Hazardous Air Pollutants"
(NESHAP) apply to this source? No

- H. Do "Reasonably Available Control Technology" (RACT) requirements apply
to this source? No
- a. If yes, for what pollutants? _____
- b. If yes, in addition to the information required in this form,
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-
cation for any answer of "No" that might be considered questionable.

¹ NORMAL OPERATING TIME: 8 HRS/DAY, 5 DAYS/WEEK, 52 WEEKS/YEAR

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
VOC'S	SEE TABLE 1-0			
EXTRUDED UNVALCANIZED RUBBER (SBR & NATURAL RUBBER)	N/A		N/A	
METALLIC ASSEMBLIES	N/A		N/A	

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): _____
2. Product Weight (lbs/hr): _____

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ^{1,5}		Allowed ^{2,6} Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ^{4,5} Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
VOC'S	9.6	10	N/A	N/A	156,569	78.3	SEE ATTACHED PLAN

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

⁵SEE TABLE 1-0 FOR CALCULATIONS

⁶NOT APPLICABLE PER I. GOLDMAN, P.E. FDER, WEST PALM BEACH
DER Form 17-1.202(1)

D. Control Devices: (See Section V, Item 4) N/A

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)

E. Fuels (OVENS TO INCLUDE INFRA-RED 750 WATT ELEMENTS)

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis: N/A

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average _____ Maximum _____

G. Indicate liquid or solid waste generated and method of disposal.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: _____ ft. Stack Diameter: _____ ft.
 Gas Flow Rate: _____ ACFM _____ DSCFM Gas Exit Temperature: _____ °F.
 Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

N/A

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr. _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: Cyclone Wet Scrubber Afterburner
 Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY N/A

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

- | | |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:* | 4. Capital Costs: |

*Explain method of determining

- 5. Useful Life:
- 7. Energy:
- 9. Emissions:

- 6. Operating Costs:
- 8. Maintenance Cost:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters

- a. Height: ft. b. Diameter: ft.
- c. Flow Rate: ACFM d. Temperature: °F.
- e. Velocity: FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device: b. Operating Principles:
- c. Efficiency:¹ d. Capital Cost:
- e. Useful Life: f. Operating Cost:
- g. Energy:² h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device: b. Operating Principles:
- c. Efficiency:¹ d. Capital Cost:
- e. Useful Life: f. Operating Cost:
- g. Energy:² h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

- 3.
- a. Control Device:
 - b. Operating Principles:
 - c. Efficiency:¹
 - d. Capital Cost:
 - e. Useful Life:
 - f. Operating Cost:
 - g. Energy:²
 - h. Maintenance Cost:
 - i. Availability of construction materials and process chemicals:
 - j. Applicability to manufacturing processes:
 - k. Ability to construct with control device, install in available space, and operate within proposed levels:

- 4.
- a. Control Device:
 - b. Operating Principles:
 - c. Efficiency:¹
 - d. Capital Costs:
 - e. Useful Life:
 - f. Operating Cost:
 - g. Energy:²
 - h. Maintenance Cost:
 - i. Availability of construction materials and process chemicals:
 - j. Applicability to manufacturing processes:
 - k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ Wind spd/dir

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

- a. Was instrumentation EPA referenced or its equivalent? [] Yes [] No
- b. Was instrumentation calibrated in accordance with Department procedures?
[] Yes [] No [] Unknown

B. Meteorological Data Used for Air Quality Modeling

- 1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year
- 2. Surface data obtained from (location) _____
- 3. Upper air (mixing height) data obtained from (location) _____
- 4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

- 1. _____ Modified? If yes, attach description.
- 2. _____ Modified? If yes, attach description.
- 3. _____ Modified? If yes, attach description.
- 4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

- F. Attach all other information supportive to the PSD review.
- G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.
- H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

Florida Ordnance Corporation

Air Emissions Calculations

Table 1-0

Chemical Name	Estimated Chemical Usage					Estimated Volatile Emissions										
	Density lbs/gal	% Vol.	VOC's lb/gal	oz/min	gallons per year			Tons per year			Pounds per hour			Pounds per year		
					*	**	***	*	**	***	*	**	***	*	**	***
1,1,1 Trichloroethane	10.9	100	10.9		160	480	672	0.9	2.6	3.7	0.8	0.8	0.8	1,744	5,232	7,325
MIBK ✓	6.7	100	6.7	0.45	184	1,316	1,843	0.6	4.4	6.2	0.6	1.4	1.4	1,233	8,819	12,346
Mineral Spirits	6.6	100	6.6		255	766	1,072	0.8	2.5	3.5	0.8	0.8	0.8	1,685	5,054	7,076
Toluene ✓	7.2	100	7.2	0.9	368	2,633	3,686	1.3	9.5	13.3	1.3	3.0	3.0	2,649	18,954	26,536
Frekote 800 NC	6.2	98.5	6.1		44	132	185	0.1	0.4	0.6	0.1	0.1	0.1	269	806	1,129
Chemlok 205 ✓	7.8	76	5.9	1.47	601	4,300	6,020	1.8	12.7	17.8	1.7	4.1	4.1	3,563	25,489	35,684
Chemlok 233 ✓	9.2	81	7.5	1.65	675	4,826	6,757	2.5	18.0	25.2	2.4	5.8	5.8	5,027	35,965	50,351
Nokorode 731 ✓	7.6	44	3.3		1,021	3,063	4,288	1.7	5.1	7.2	1.6	1.6	1.6	3,414	10,243	14,340
Thixon 511-T	8.0	78	6.2		68	204	286	0.2	0.6	0.9	0.2	0.2	0.2	424	1,273	1,782
					-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
					3,376			10.0	55.9	78.3	9.6	17.9	17.9	20,008	111,835	156,569

- (*) Calculation at 8 hours/day, 5 days/week & 52 weeks/year.
- (**) Calculation at 24 hours/day, 5 days/week & 52 weeks/year.
- (***) Calculation at 24 hours/day, 7 days/week & 52 weeks/year.

- Notes
- 1) Estimated Chemical Usage in oz/min. is based upon operating at 52,333 minutes per year.
 - 2) Actual Emission are based upon normal utilization of operating equipment.
 - 3) Emissions are to be considered as being emitted through Eight (8) points located on the facility roof. Each point includes One (1) fan operating nominally at 9200 CFM and 0.125" sp.
 - 4) The general VOC rule has been used to calculate the total estimated emissions; and include all exempt and non-exempt chemicals.
 - 5) The facility also uses small quantities of spray paints, adhesives, solvents and cleaning agents; these have not been included in the calculations.

Florida Ordnance Corp.
Air Emissions Permit

Attachment A

Emissions Sources

The permit application is for the following potential emissions points:

- (1) Wheelabrator Blaster/Tumbling and Dust Collector unit
- (2) Adhesive Spray Booths
- (2) Infra-red Drying Ovens consisting of five (5) sections
- (2) Vapor Degreasers consisting of refrigerant vapor condensers and utilizing 1,1,1 trichloroethane
- (1) Steam heated dip tank

Florida Ordnance Corp.
Air Emissions Permit

Attachment B

General Project Description

The facility manufactures military spare parts consisting of rubberized tank track shoes. The manufacturing process, shown on the attached flow diagram, includes three (3) areas in which potential airborne emissions are generated. These areas are designated as Buildings B-1, C and D-1.

Building B-1

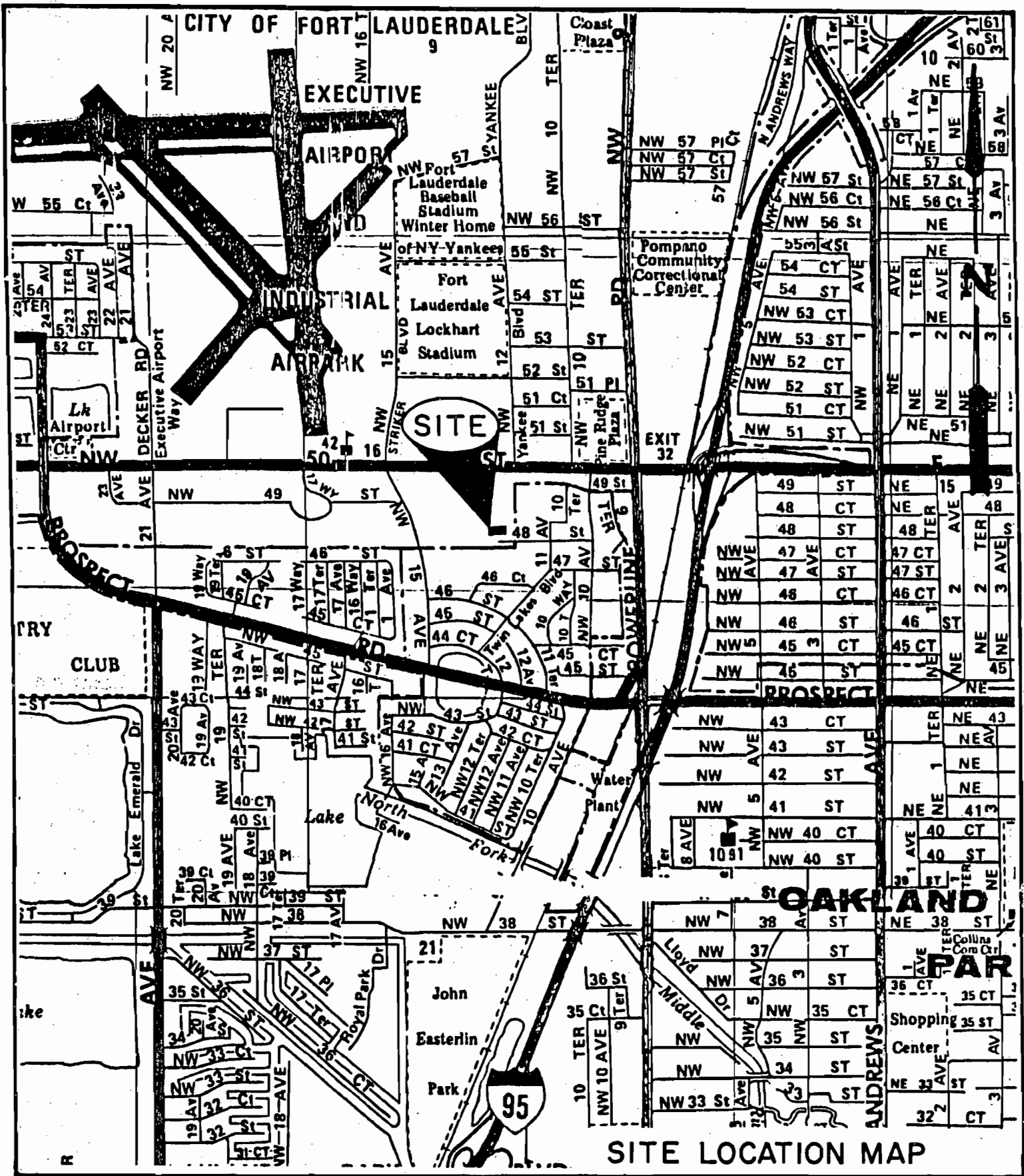
Within this building are located the two (2) spray booths and associated ovens. A total of five (5) oven sections are employed for the drying of the Chemlok bonding materials. The oven includes 24-750 watt infra-red bulbs. Representative drawings of each spray booth and of the oven sections are included as part of this permit application. This area also includes provision for installing a future pin cementing unit.

Building C

Potential air emission sources located within this area include a 1,1,1 Trichloroethane vapor degreaser and a Wheelabrator blaster/tumbling unit. The degreaser is nominally 3 feet by 5 feet with an overall depth of 60 inches. The Wheelabrator unit includes a self-contained vibrating section and dust collection drum; the vapor degreaser includes refrigerated vapor condensing coils.

Building D-1

This building is designated for future installation of a vapor degreaser and steam heated dip tank. The vapor degreaser is nominally 3 foot by 6 feet by approximately 65 inches deep and includes refrigerated vapor condensing coils. The dip tank is nominally 6 feet by 3 feet by 5 foot high.



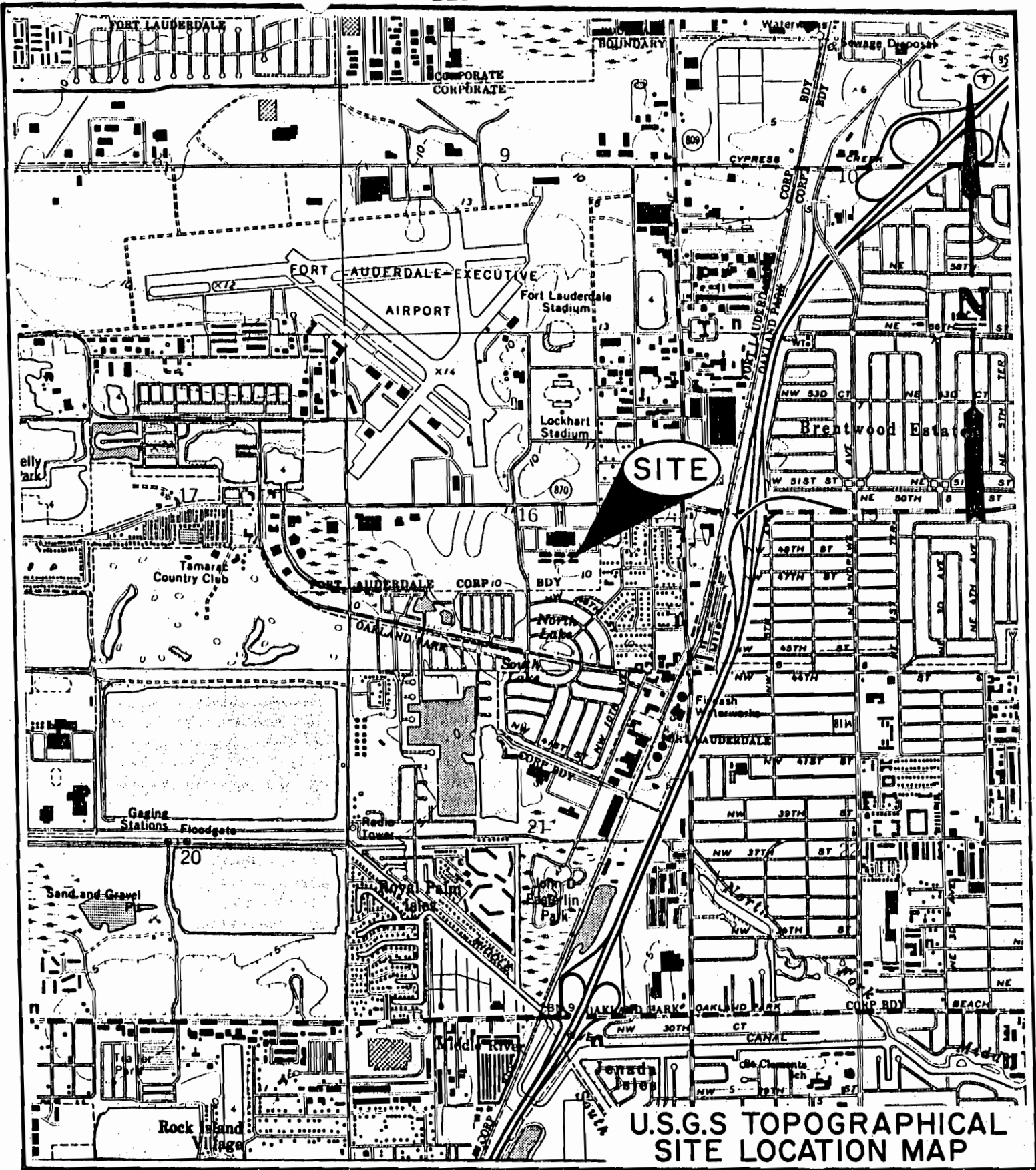
SITE LOCATION MAP



DRAWN BY: J. A. NODARSE	SCALE: N.T.S.
CHECKED BY: J. E. BRENNAN	DATE: 9/13/90
PROJECT NO.: 122-001-90	SHEET NO.: 1 OF 7

FLORIDA ORDNANCE CORPORATION
 4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

J. E. BRENNAN CONSULTING ENGINEERS, INC.
 1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071



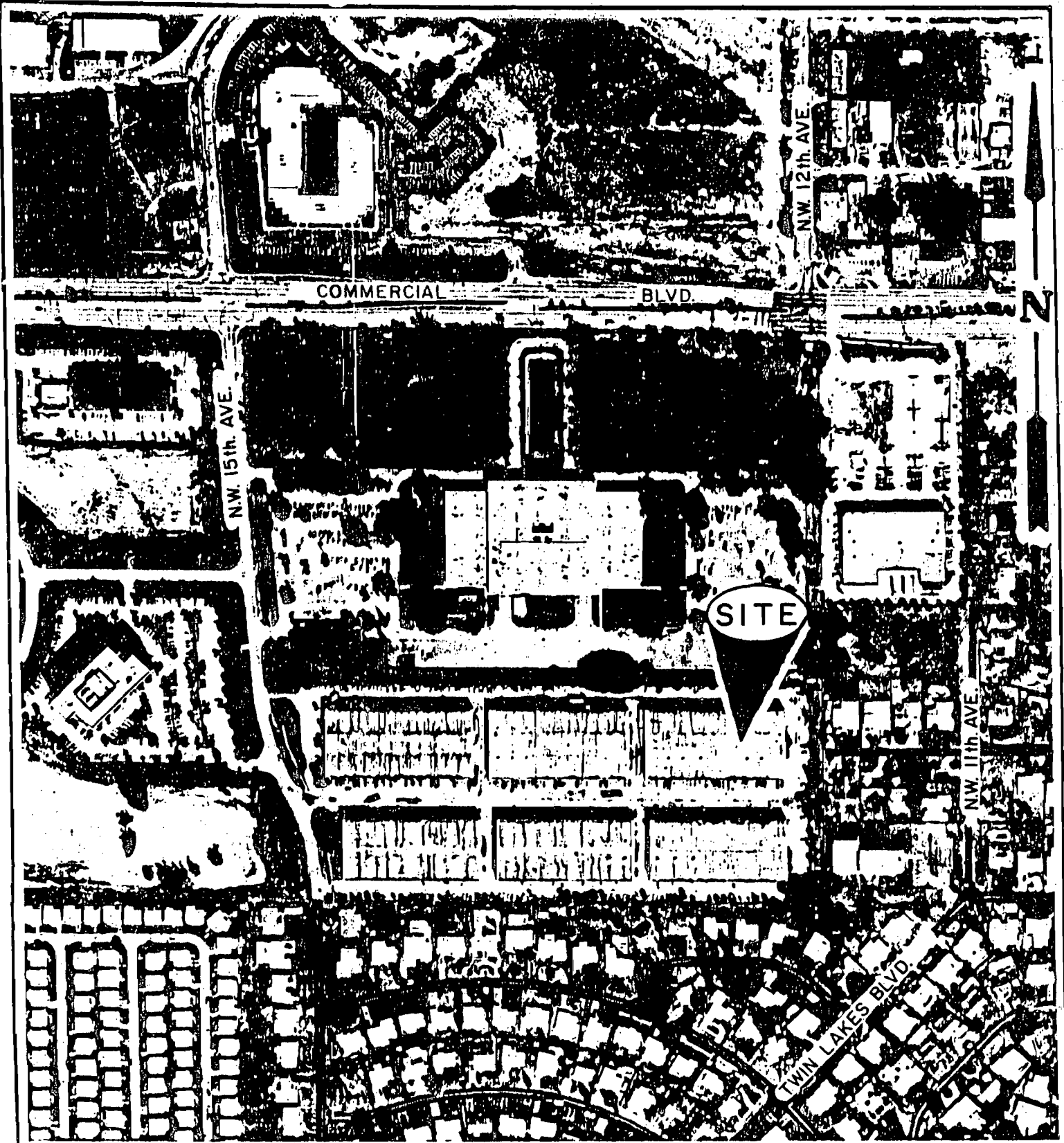
U.S.G.S TOPOGRAPHICAL
SITE LOCATION MAP



DRAWN BY: J.A. NODARSE	SCALE: 1:24 000
CHECKED BY: J.E. BRENNAN	DATE: 9/13/90
PROJECT NO.: 122-001-90	SHEET NO.: 2 OF 7

FLORIDA ORDNANCE CORPORATION
4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

J.E. BRENNAN CONSULTING ENGINEERS, INC.
1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071



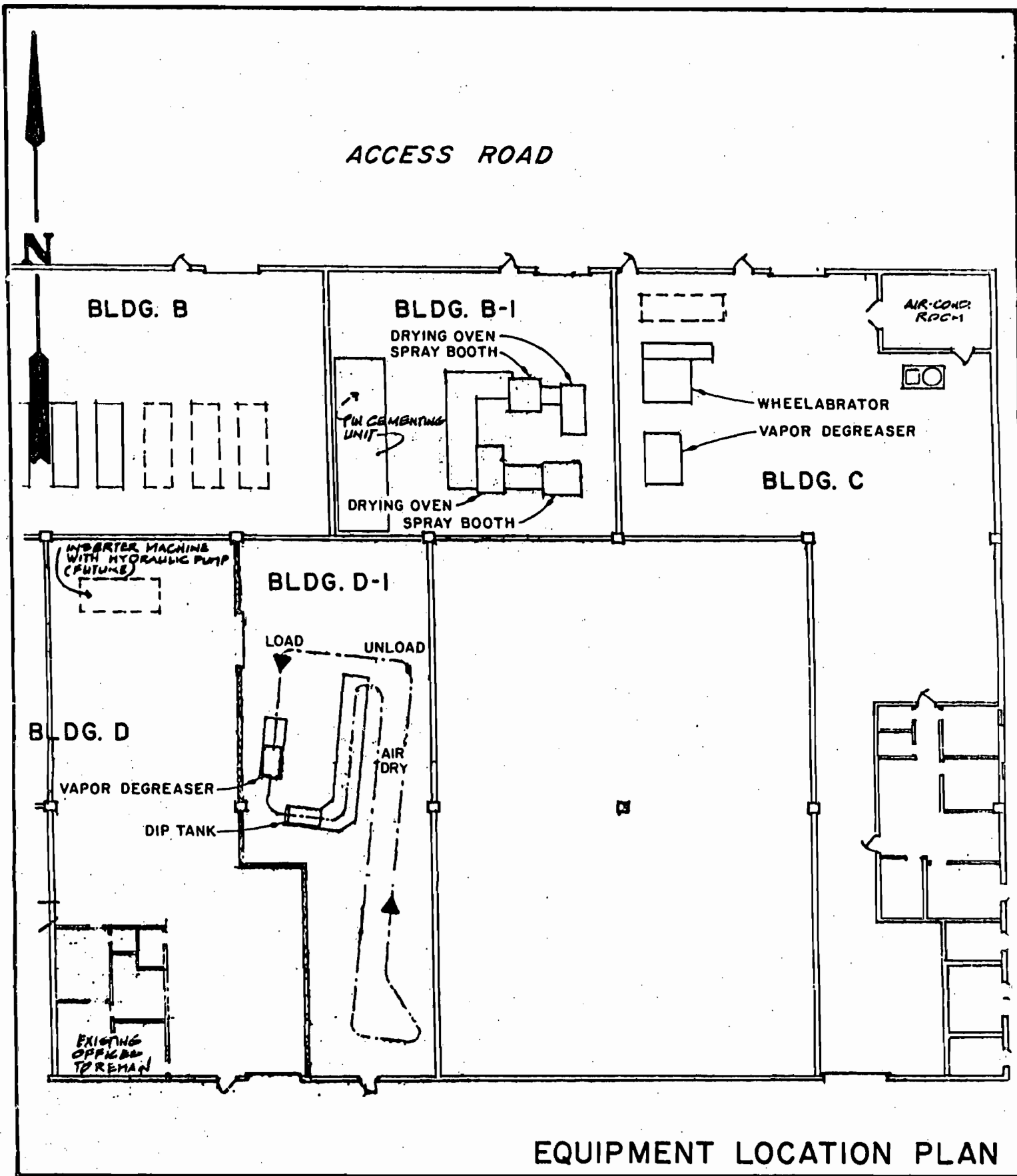
AERIAL SITE VICINITY MAP



DRAWN BY: J.A. NODARSE	SCALE: 1" = 300'
CHECKED BY: J.E. BRENNAN	DATE: 9/13/90
PROJECT NO.: 122-001-90	SHEET NO.: 3 OF 7

FLORIDA ORDNANCE CORPORATION
 4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

J.E. BRENNAN CONSULTING ENGINEERS, INC.
 1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071



EQUIPMENT LOCATION PLAN



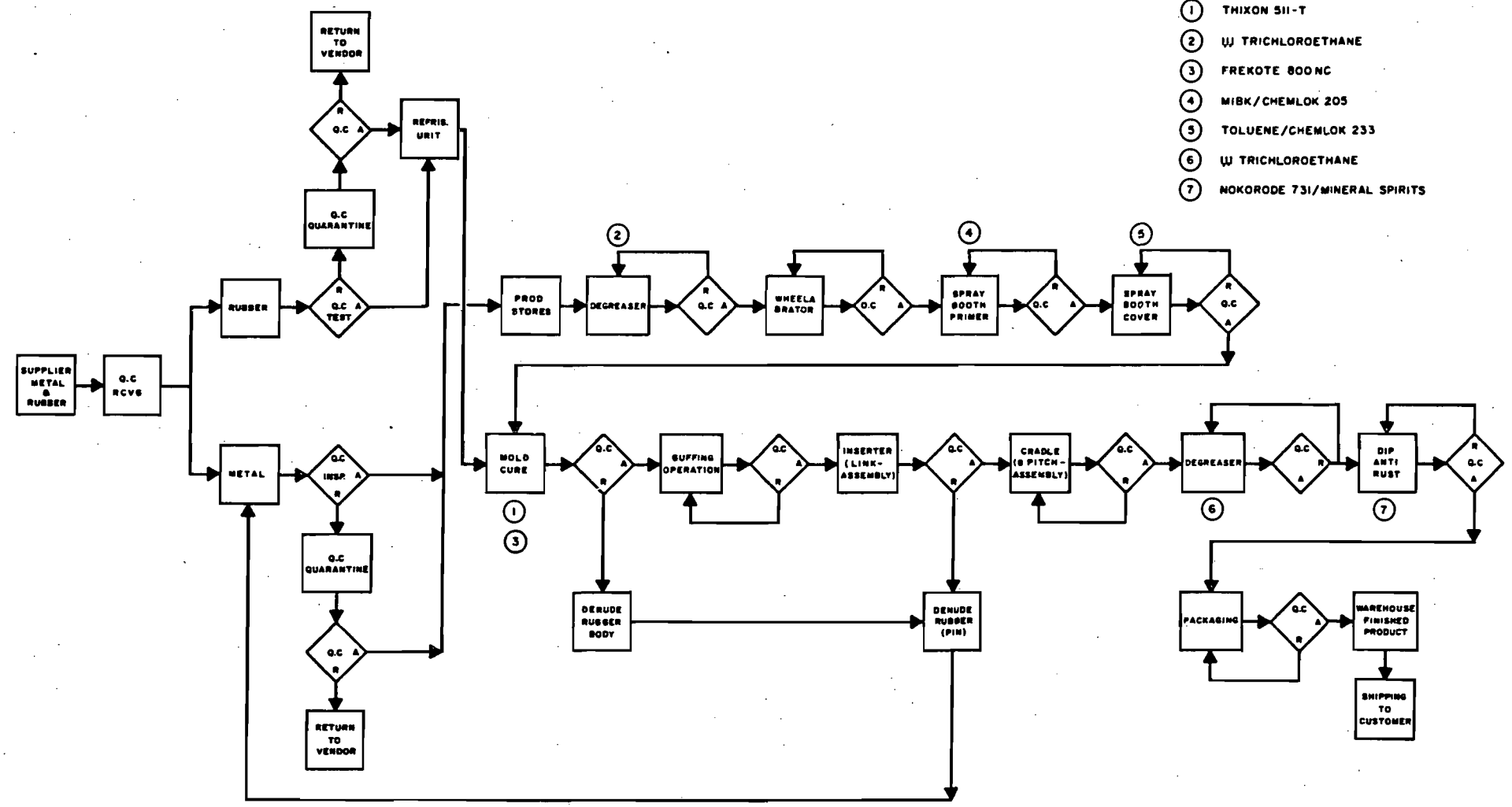
DRAWN BY: J.A. NODARSE	SCALE: N.T.S.
CHECKED BY: J.E. BRENMEN	DATE: 9/27/90
PROJECT NO.: 122-001-90	SHEET NO.: 4 OF 7

FLORIDA ORDNANCE CORPORATION
 4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

J.E. BRENMEN CONSULTING ENGINEERS, INC.
 1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071

VOLATILE CHEMICAL USE KEY

NO.	CHEMICAL(S) USED
①	THIXON 511-T
②	WJ TRICHLOROETHANE
③	FREKOTE 800 NC
④	MIBK/CHEMLOK 205
⑤	TOLUENE/CHEMLOK 233
⑥	WJ TRICHLOROETHANE
⑦	NOKORODE 731/MINERAL SPIRITS



J. E. BRENNAN CONSULTING ENGINEERS, INC.
 1804 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071

DATE	REVISIONS

DRAWN BY
J. A. NODARSE

CHECKED BY
J. E. BRENNAN

PROJECT NO.
122-001-90

SCALE
N.T.S.

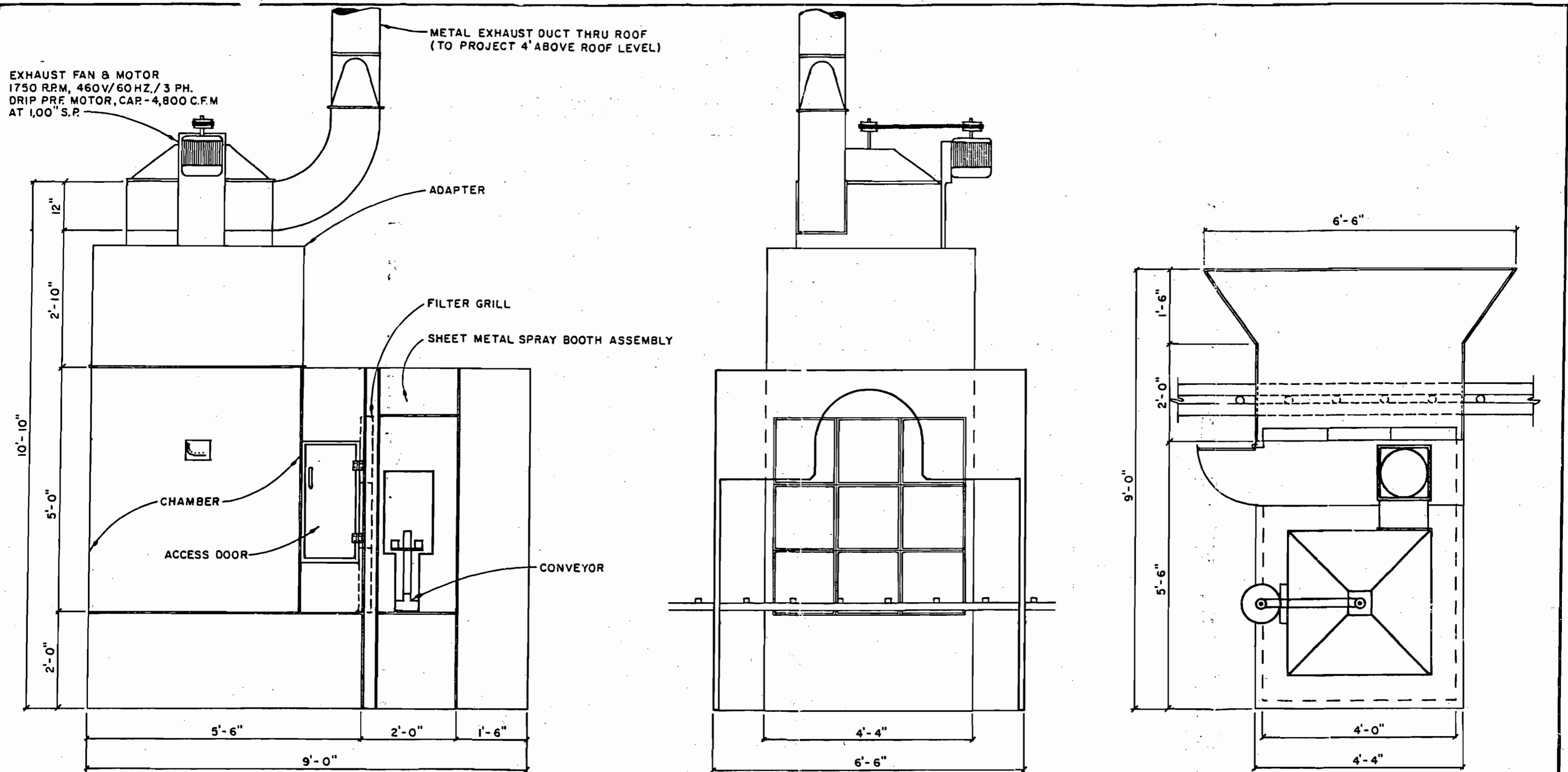
DATE
9/25/90

SHEET NO.
5 OF 7

BLOCK FLOW DIAGRAM

FLORIDA ORDNANCE CORPORATION
 4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

SEAL



SIDE VIEW

FRONT VIEW

TOP VIEW

NOTE:
 1. DETAILS APPLY TO BOTH PRIMER & COVER BOOTH.
 2. EQUIPMENT SPECIFICATION TO BE VERIFIED IN OPERATING PERMIT.

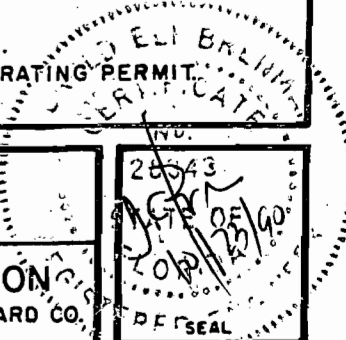


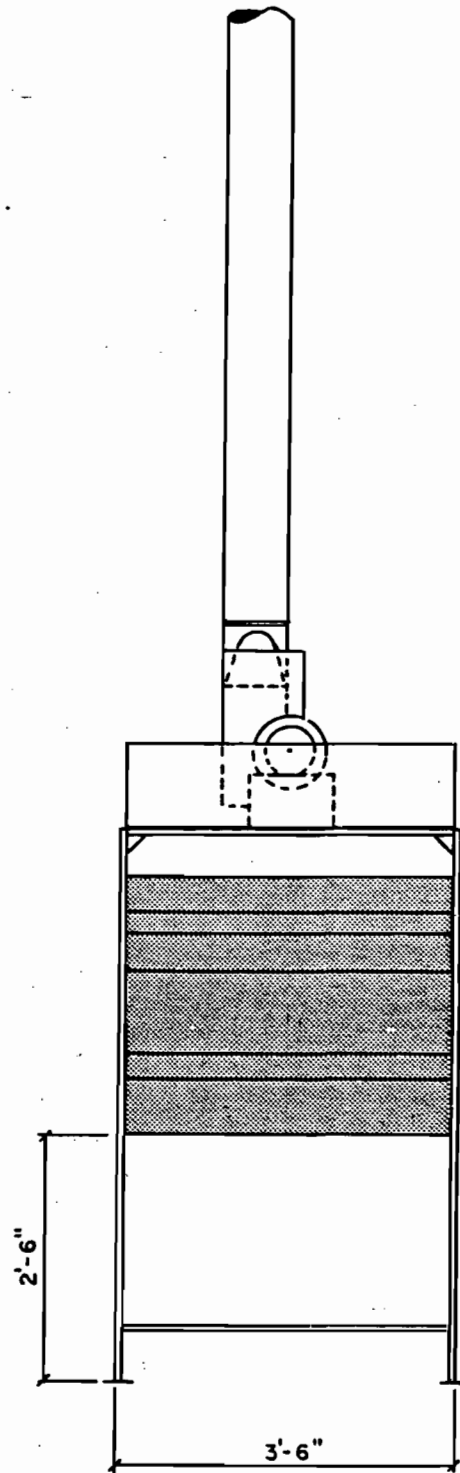
J.E. BRENNAN CONSULTING ENGINEERS, INC.
 1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071

DATE	REVISIONS

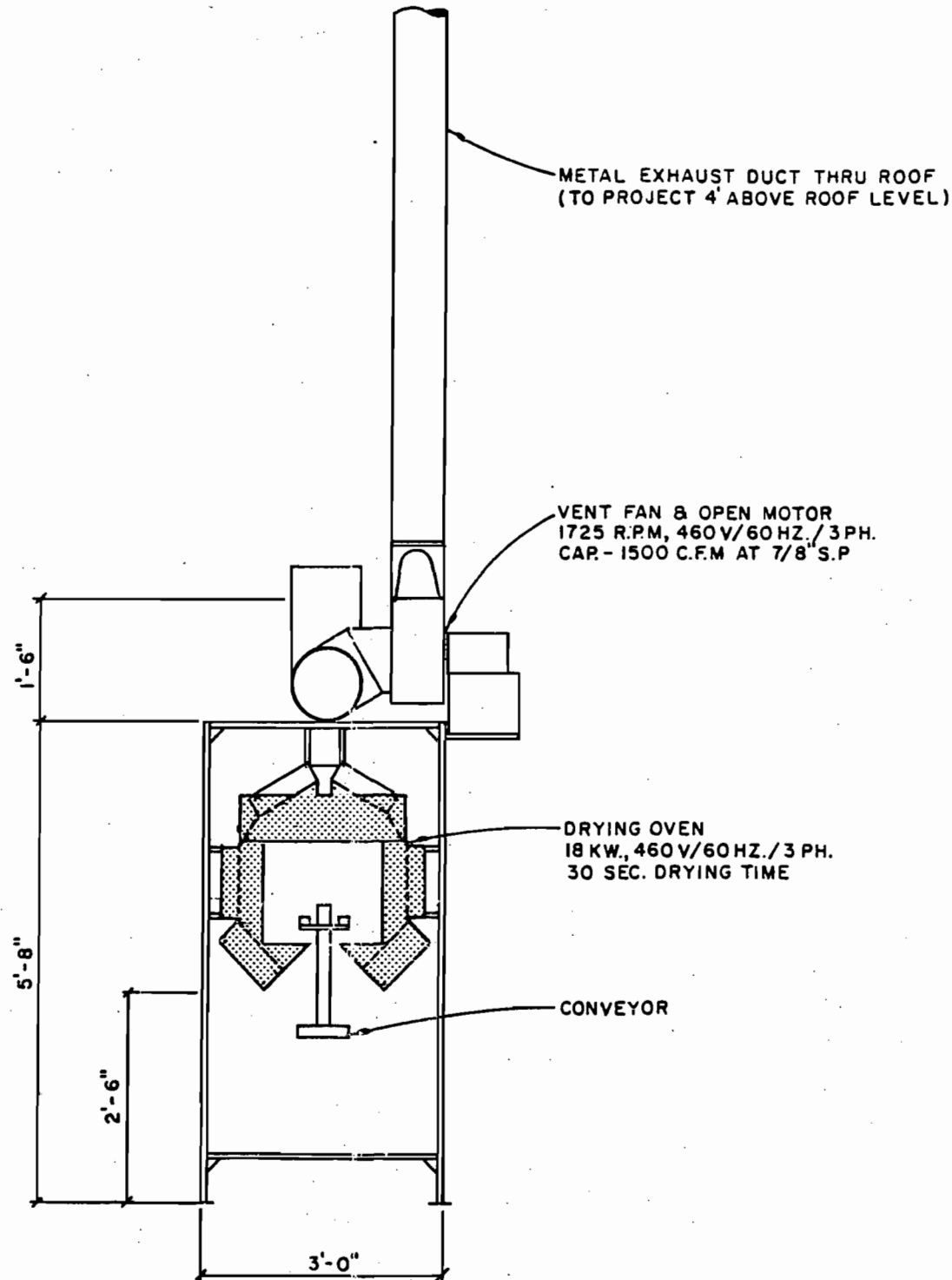
DRAWN BY J.A. NODARSE	SCALE 1/2" = 1'-0"
CHECKED BY J.E. BRENNAN	DATE 9/27/90
PROJECT NO. 122-001-90	SHEET NO. 6 OF 7

SPRAY BOOTH DETAIL
FLORIDA ORDNANCE CORPORATION
 4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.

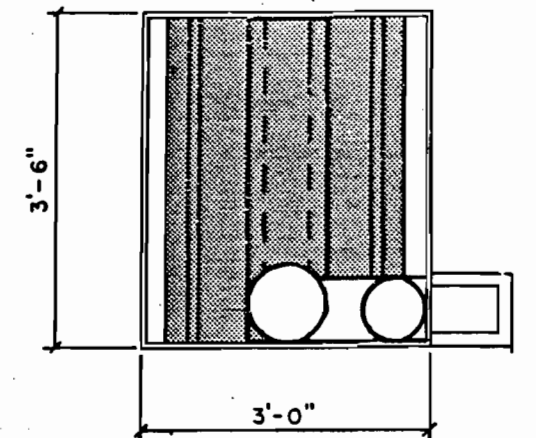




SIDE VIEW



FRONT VIEW



TOP VIEW

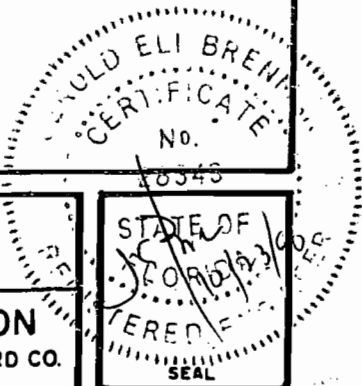


J.E. BRENNAN CONSULTING ENGINEERS, INC.
1801 UNIVERSITY DRIVE CORAL SPRINGS, FLORIDA 33071

DATE	REVISIONS

DRAWN BY J.A. NODARSE	SCALE 1/2" = 1'-0"
CHECKED BY J.E. BRENNAN	DATE 9/27/90
PROJECT NO. 122-001-90	SHEET NO. 7 OF 7

DRYING OVEN DETAIL
FLORIDA ORDNANCE CORPORATION
4740 N.W. 15th. AVE., CITY OF FT. LAUDERDALE, BROWARD CO.



BEST AVAILABLE COPY



DEPARTMENT OF THE ARMY
UNITED STATES ARMY TANK-AUTOMOTIVE COMMAND
WARREN, MICHIGAN 48907-6000

0 8 AUG 1990

REPLY TO
ATTENTION OF

AMSTA- IBCB (715K)

Florida Ordnance Corp.
4740 NW 15th Ave
Fort Lauderdale, FL 33309-3767

Dear Offeror:

The enclosed material on DAAE07-90-C-A003 , Modification No. is forwarded for necessary action by an official of your company authorized to sign contracts and related material, as indicated below by an "X" mark. If for any reason the documents cannot be executed and returned prior to the suspense date, it is requested that you notify the undersigned.

- Sign and return the original and copy(s) by 10 days after receipt
- Sign and return the original and copies of SF 26/ DD Form 1155-R, Page by

(ALL SIGNATURES MUST BE SIGNED IN BLACK INK.)

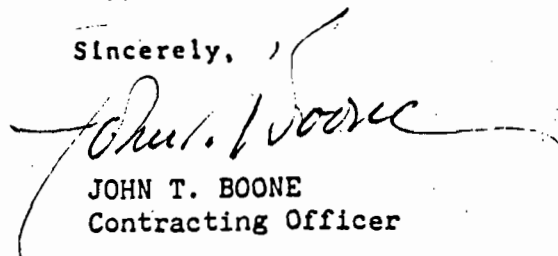
You are cautioned that transmittal of this contractual document DOES NOT constitute authority to proceed in accordance with the terms set forth therein unless or until this instrument has been executed by the Contracting Officer.

Transmittal of this instrument DOES constitute authority to proceed with contract.

Signed copy of document is for your file. Acknowledge receipt on enclosed card (STA FL 361).

Your cooperation in expediting your part of this contractual procedure will be appreciated.

Sincerely,



JOHN T. BOONE
Contracting Officer

Enclosure

AUG 10 1990

STA FL 95
28 May 85

Edition of 10 March 1983 is obsolete.

1. This Modification P00005 hereby extends the Undelivered Quantities of the delivery schedule as follows:

Qty	Delivery date	Document
2,210	90 Nov 06	W56HZV9285S853
5,299	90 Dec 06	W56HZV9285S853
16,864	91 Jan 07	W56HZV9285S853
19,922	91 Feb 07	W56HZV9285S852
20,000	91 Mar 07	W56HZV9285S852
20,000	91 Apr 09	W56HZV9285S853
20,000	91 May 09	W56HZV9285S852
20,000	91 Jun 08	W56HZV9285S852
20,000	91 Jul 09	W56HZV9285S852

2. Program Year Call-up for Program Years 2-5 is hereby extended as a result of the extension to the delivery schedule above, but remain at the same rate as called out on page A2 of the contract.

3. All other terms and conditions remain the same.

NOTE: This modification is executed as a result of a fire that took place at the Florida Ordnance Corporation's (FOC) Plant. Reference FOC's letter dated 19 Jul 90.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE J	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00005	3. EFFECTIVE DATE 08 AUG 1990	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (if applicable) ACN	
6. ISSUED BY TACOM AMSTA-IBCBB/WPN Sys: JE Gregory M. Dixon/313-574-7328 Warren, MI 48397-5000		7. ADMINISTERED BY (if other than item 6) DCASMA, Orlando 3555 Maguire Blvd Orlando, FL 32803-3726	CODE S1102A	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Florida Ordnance Corp. 4740 NW 15th Ave Fort Lauderdale, FL 33309-3767		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9C. MODIFICATION OF CONTRACT/ORDER NO. DAAE07-90-C-A003 9D. DATED (SEE ITEM 13) 89 Nov 08		
CODE 6R485	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the amendment submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

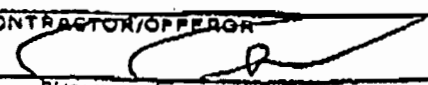
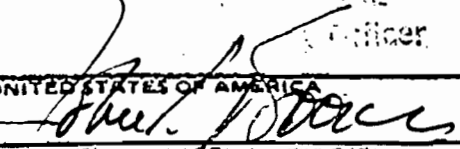
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying or appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	Mutual agreement of the parties
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and it shall have no effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Uri Zachor - Vice President	15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 8-01-90	15D. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	15E. DATE SIGNED 08 AUG 1990
--	--	-----------------------------	--	---------------------------------