



**JOHN CARLO**  
INCORPORATED

**RECEIVED**

NOV 02 1998

BUREAU OF  
AIR REGULATION

October 31, 1998

Mr. Clair Fancy, P.E.  
Florida Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Re: John Carlo, Inc. FDEP Permit Application

Dear Mr. Fancy:

Enclosed please find our FDEP Permit Application dated October 1998 together with our application fee of \$1,250.00 for our portable concrete batch plant.

If there are any questions please call at (904)225-3117.

Sincerely,

JOHN CARLO, INC.

David Ammon  
Project Manager

John Carlo, Inc.  
Post Office Box 1297  
1643 State Road 200, Suite 6  
East Yulee, Florida 32041-1297  
904-225-3117  
FAX: 904-225-3120

JOHN CARLO INC  
P.O. BOX 1297  
1643 STATE RD. 200, SUITE 6  
EAST YULEE, FL 32041-1297

4174

63-319/631  
19

10/31/1998

PAY TO THE ORDER OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

\$ 1250.<sup>00</sup>

Twelve Hundred Fifty and 00/100

DOLLARS  Security features are included. For more on this.

**Barnett**

007-019  
1700 S. Semoran Blvd.  
Orlando, Florida 32822

FOR Processing Fee For Plant Permit #2 Feb.



MP

⑈004174⑈ ⑆063103193⑆

2833391161⑈

**RECEIVED**

NOV 02 1998

BUREAU OF  
AIR REGULATION

*John Carlo, Inc.*

FDEP Permit Application

*October - 1998*



# Department of Environmental Protection

## DIVISION OF AIR RESOURCES MANAGEMENT

### APPLICATION FOR AIR PERMIT - SHORT FORM

See Instructions for Form No. 62-210.900(2)

#### I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope of this application and the purpose for which this application is being submitted. This section also includes information on the owner or authorized representative of the facility and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

#### Identification of Facility Addressed in This Application


Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: <b>John Carlo, Inc.</b>	
2. Site Name: <b>John Carlo, Inc.</b>	
3. Facility Identification Number: <span style="float: right;"><input checked="" type="checkbox"/> Unknown</span>	
4. Facility Location: Street Address or Other Locator: <b>NA/ Statewide Permit</b> City: <b>NA</b> County: <b>NA</b> Zip Code:	
5. Relocatable Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

#### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	

**Owner/Authorized Representative**

1. Name and Title of Owner/Authorized Representative: <b>Mr. David Ammon, Project Manager</b>
2. Owner/Authorized Representative Mailing Address: ( <i>Present Mailing Address</i> )  Organization/Firm: <b>John Carlo, Inc.</b> Street Address: <b>Post Office Box 1297</b> City: <b>East Yulee</b> State: <b>Florida</b> Zip Code: <b>32041-1297</b>
3. Owner/Authorized Representative Telephone Numbers: ( <i>Current Phone Numbers</i> ) Telephone: <b>(904) 225-3117</b> Fax: <b>(904) 225-3120</b>
4. Owner/Authorized Representative Statement:  <i>I, the undersigned, am the owner or authorized representative* of the facility addressed in this Application for Air Permit. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   _____ Signature  _____ Date <i>10/31/98</i>

\* Attach letter of authorization if not currently on file.

**Scope of Application**

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
001	Relocatable concrete batch plant and a cement silo, controlled by a C & W-RA140 baghouse system.	AO2B

**Purpose of Application**

This Application for Air Permit is submitted to obtain (check one):

- Initial air operation permit for one or more existing, but previously unpermitted, emissions units.
- Initial air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number: \_\_\_\_\_

- Air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number: \_\_\_\_\_

Operation permit to be revised: \_\_\_\_\_

- Air operation permit renewal.

Operation permit to be renewed: AO48-264098

**Application Processing Fee**

Check one:

Attached - Amount: \$ 1,250  Not Applicable.

**(\$1,000 for renewal, \$250 for modification to statewide)**

**Construction/Modification Information**

1. Description of Alterations:

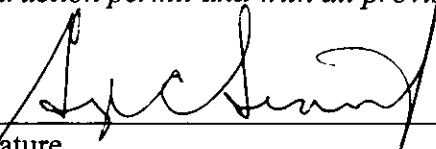
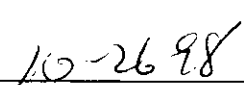
**This application is for a state wide permit for this relocatable concrete batch plant.**

**The new permit should be identical to FDEP permit number 7770402-002-AO, (copy enclosed) for a similar plant with different serial number. The serial number for the new plant is 1866.**

2. Date of Commencement of Construction:

**ASAP**

**Professional Engineer Certification**

1. Professional Engineer Name: <b>Mr. George C. Sinn, Jr. P.E.</b> Registration Number: <b>16911</b>
2. Professional Engineer Mailing Address: Organization/Firm: <b>Central Florida Testing Laboratories, Inc.</b> Street Address: <b>12625 – 40<sup>th</sup> Street North</b> City: <b>Clearwater</b> State: <b>FL</b> Zip Code: <b>33762</b>
3. Professional Engineer Telephone Numbers: Telephone: ( <b>727</b> ) <b>572-9797</b> Fax: ( <b>727</b> ) <b>299-0023</b>
4. Professional Engineer Statement:  <i>I, the undersigned, hereby certify, except as particularly noted herein*1, that:</i>  <i>(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</i>  <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</i>  <i>If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [ ] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.</i>   _____ Signature   _____ Date  (seal)

Attach any exception to certification statement.

<sup>1</sup>Certification statement excludes any equipment manufacturers' guarantee or claim of control efficiency. Any equipment manufacturers' specifications submitted with this application are included as reference material only, not for certification by CFTL.





## II. FACILITY INFORMATION

### A. GENERAL FACILITY INFORMATION

#### Facility Location and Type

1. Facility UTM Coordinates: <i>(NA relocatable facility)</i> Zone: East (km): North (km):			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): Longitude (DD/MM/SS):			
3. Governmental Facility Code:  0	4. Facility Status Code: NA Currently not in Florida	5. Facility Major Group SIC Code:  32	6. Facility SIC(s):  3273
7. Facility Comment (limit to 500 characters):  <b>This application is for a state wide permit for this relocatable concrete batch plant.</b>			

#### Facility Contact

1. Name and Title of Facility Contact: <b>Mr. David Ammon, Project Manager</b>
2. Facility Contact Mailing Address: Organization/Firm: <b>John Carlo, Inc.</b> Street Address: <b>Post Office Box 1297</b> City: <b>East Yulee</b> State: <b>Florida</b> Zip Code: <b>32041-1297</b>
3. Facility Contact Telephone Numbers: Telephone: <b>(904) 225-3117</b> Fax: <b>(904) 225-3120</b>

**Facility Regulatory Classifications**

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown
2. Title V Source? <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source by Virtue of Previous Air Construction Permit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Construction Permit Number/Issue Date: _____
4. One or More Emission Units Subject to NSPS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Facility Regulatory Classifications Comment (limit to 200 characters)

**B. FACILITY SUPPLEMENTAL INFORMATION**

This subsection of the Application for Air Permit form provides supplemental information related to the facility as a whole. (Supplemental information related to individual emissions units within the facility is provided in Subsection III-B of the form.) Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

**Supplemental Requirements for All Applications**

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested <b><i>Concrete plant will be used at different locations.</i></b>
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested <b><i>†Typical plant layout enclosed.</i></b>
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested <b><i>*Yard and stockpiles will be dampened as needed to minimize fugitive emissions.</i></b>

**III. EMISSIONS UNIT INFORMATION**

A separate Emissions Unit Information Section (including subsections A and B) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

**A. GENERAL EMISSIONS UNIT INFORMATION**

**Type of Emissions Unit Addressed in This Section**

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): <b>The emissions unit addressed in this application consists of a concrete batch plant with a C &amp; W Manufacturing model RA 140 baghouse system.</b>	
2. Emissions Unit Identification Number: <input type="checkbox"/> No Corresponding ID <input type="checkbox"/> Unknown <b>001</b>	
3. Emissions Unit Status Code: <b>NA / Currently not in state.</b>	4. Emissions Unit Major Group SIC Code: <b>3273</b>
5. Emissions Unit Comment (limit to 500 characters):          	

**Emissions Unit Control Equipment**

**A.**

1. Description (limit to 200 characters): <b>C&amp;W Manufacturing, Model CW-RA 140 Baghouse System</b>	
2. Control Device or Method Code:	<b>101</b>

**B.**

1. Description (limit to 200 characters):	
2. Control Device or Method Code:	

**C.**

1. Description (limit to 200 characters):	
2. Control Device or Method Code:	

**Emissions Unit Details**

1. Initial Startup Date:	<b>Not Applicable Existing Plant</b>	
2. Long-term Reserve Shutdown Date:	<b>Not Applicable</b>	
3. Package Unit: <b>CW-RA 140 Baghouse System</b>		
Manufacturer: <b>C&amp;W Manufacturing Company</b>	Model Number: <b>RA 140</b>	
4. Generator Nameplate Rating:	MW	
	<b>Not Applicable</b>	
5. Incinerator Information: <b>This Section Is Not Applicable</b>		
Dwell Temperature:		°F
Dwell Time:		seconds
Incinerator Afterburner Temperature:		°F

**Emissions Unit Operating Capacity**

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr                      tons/day
3. Maximum Process or Throughput Rate: <b>200 Cubic Yards Of Concrete Per Hour</b> <b>Cement Silo/Cement Bin Filling Rate of Approximately 27 tons per hour</b>	
4. Maximum Production Rate: <b>200 Cubic Yards Of Concrete Per Hour</b>	
5. Operating Capacity Comment (limit to 200 characters):	

**Emissions Unit Operating Schedule**

Requested Maximum Operating Schedule:		
24 hours/day		7 days/week
52 weeks/year		8760 hours/year

**B. EMISSIONS UNIT SUPPLEMENTAL INFORMATION**

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

**Supplemental Requirements for All Applications**

<p>1. Process Flow Diagram  <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>2. Fuel Analysis or Specification  <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment  <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>4. Description of Stack Sampling Facilities  <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report  <input checked="" type="checkbox"/> Attached, Document ID: _____   <input type="checkbox"/> Previously submitted, Date: _____   <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown  <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan  <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>8. Other Information Required by Rule or Statute  <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL  
Z 184 857 031

John Carlo, Incorporated  
Post Office Box 620516  
Orlando, Florida 32862

Attention: David Ammon, Project Manager

Orange County - AP  
Concrete Batch Plant

Dear Mr. Ammon:

*Current Permit for Plant #1866*

Enclosed is Permit Number AO48-264098 to operate the above referenced source issued pursuant to Section(s) 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. 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 receipt of this Permit. 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 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.

RECEIVED  
4-7-95

ENTERED  
4-7-95




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 permit. 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 receipt 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.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order 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 32399-2400; 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 the Final Order is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

*cm*   
Vivian F. Garfein  
Director of District Management

Date: April 4, 1995

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

*A. Salonde*  
Clerk

4/4/95  
Date

*WMB/jtt*  
WMB/jtt

Copies furnished to:

George C. Sinn, Jr., P.E. ✓  
Dennis Nester

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on 4/5/95 to the listed persons, by *Cheresa Bouldin*.



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

**Permittee:**

John Carlo, Incorporated  
Post Office Box 620516  
Orlando, Florida 32862

Atten: David Ammon, Project Manager

Permit Number: A048-264098  
Date of Issue:  
Expiration Date: February 28, 2000  
County: Orange  
Latitude/Longitude:  
28° 24' 56"N/81° 20'28"W  
UTM: 17-466.2 KmE; 3142.7 KmN  
Project: Concrete Batch Plant

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-210. 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:

The permittee can operate a relocatable concrete batch plant consisting of a cement silo with a capacity of 600 barrels and a batcher with a maximum batching rate of 200 cubic yards of concrete per hour. Particulate matter emissions from silo loading, cement mixing, and truck loading (wet mix) are controlled by a C & W Manufacturing and Sales Company, Model CW-RA 140 baghouse.

The source is located at 10589 Trade Port Drive, Orlando, Orange County, Florida.

General Conditions are attached to be distributed to the permittee only.

Permittee:  
John Carlo, Incorporated  
  
Attention: David Ammon,  
Project Manager

I.D. Number:  
Permit Number: AO48-264098  
Expiration Date: February 28, 2000  
County: Orange

#### SPECIFIC CONDITIONS

##### OPERATING CONDITIONS

1. This emission unit is permitted to operate a maximum of 3744 hrs/year, per the application.
2. The maximum permitted silo loading rate is 27 tons/hour, and the maximum permitted batching rate is 200 cubic yards/hour, per the application.
3. Each emission unit must be properly operated and maintained (Rule 62-210.300(2)(a)2, F.A.C.). No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly [Rule 62-210.650, F.A.C.].
4. The silo, hopper, and other conveying equipment, except the transfer point at which materials are loaded into trucks, shall be confined and controlled to the extent necessary to limit visible emissions to 5 percent opacity [Rule 62-296.414, F.A.C.].
5. Particulate matter emissions from plant grounds, including the transfer point at which materials are loaded into trucks, shall be subject to reasonable precautions as provided by Rule 62-296.310(3), F.A.C. including the following:
  - (a) Paving and maintenance of roads, parking areas and yards.
  - (b) Application of water when necessary to control emissions.
  - (c) Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
  - (d) Enclosure or covering of conveyor systems.
  - (e) Curtailing operation if winds are entraining unconfined particulate matter.
6. The baghouse outlet must be tested for visible emissions in accordance with DEP Method 9 for 30 minutes or the length of the batch/cycle at yearly intervals on or within 60 days prior to January 17. For any other approved method to be utilized, the Department must give prior written approval.

Permittee:  
John Carlo, Incorporated

Attention: David Ammon,  
Project Manager

I.D. Number:  
Permit Number: AO48-264098  
Expiration Date: February 28, 2000  
County: Orange

7. In order to demonstrate that reasonable precautions to prevent emissions of unconfined particulate matter are effective, an EPA Method 22 test shall be conducted on or within 60 days prior to January 17.
8. The permittee shall conduct visible emissions testing while loading the silo at a rate that is representative of the normal silo loading rate. If the dust collector also collects dust from the batching operation, the batching operation shall be in operation during the visible emissions test. The batching rate during emissions testing shall be representative of the normal batching rate. Each test report shall state the actual silo loading rate during emissions testing and, if the dust collector controls the batching operation, state whether or not batching occurred during emissions testing [Rule 62-4.070(2), F.A.C.].
9. The permittee shall notify the Orange County Environmental Protection Department, in writing, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time and place of each such test, and the contact person who will be responsible for coordinating and having such tests conducted for the owner. The Department may waive the 15 day notice requirement on a case by case basis [Rule 62-297.340(1)(i), F.A.C.].
10. The required test report shall be filed with the Orange County Environmental Protection Department no later than 45 days after the last sampling run of each test is completed (Rule 62-297.570(2), F.A.C).
11. The facility shall keep monthly records of the hours of operation. The records shall also contain a running 12 consecutive month total to ensure that the limit of 3,744 hours is not exceeded. These records shall be maintained at the site in a permanent form suitable for inspection, and retained for at least three years.

EXPIRATION DATE

12. At least sixty days prior to the expiration date of this operation permit, the permittee shall submit to this office four air permit applications, DEP Form No. 62-210.900(2), along with the processing fee established in 62-4.050(4), F.A.C. [Rule 62-4.090(1), F.A.C.].

Permittee:  
John Carlo, Incorporated

Attention: David Ammon,  
Project Manager

I.D. Number:  
Permit Number: A048-264098  
Expiration Date: February 28, 2000  
County: Orange

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

*C.M.C. Vivian F. Garfein*  
Vivian F. Garfein  
Director of District Management

Issued: April 4, 1995

Current Permit for Plant #1804

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF FINAL PERMIT

RECEIVED  
8-7-97

ENTERED  
8/25/97 RA

In the Matter of an  
Application for Permit

Mr. David Ammon, Project Manager  
John Carlo, Inc.  
Post Office Box 18401  
Jacksonville, Florida 32229

DEP File No. 7770402-002-AO  
Relocatable Facility

Enclosed is the FINAL Permit Number 7770402-002-AO to operate a 200 cubic yard per hour relocatable concrete batch plant issued pursuant to Chapter 62-296, Florida Administrative Code. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., 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 Legal Office; 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 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

  
C. H. Fancy, P.E., Chief  
Bureau of Air Regulation

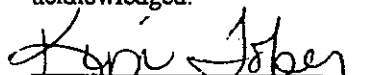
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 8-7-97 to the person(s) listed:

Mr. David Ammon, John Carlo, Inc. \*  
Mr. George Sinn, Jr., Central Florida Testing Lab., Inc.  
District Air Program Administrators  
County Air Program Administrators

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

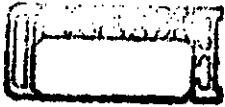
  
(Clerk) 8-7-97  
(Date)

## FINAL DETERMINATION

John Carlo, Inc.

Permit No. 7770402-002-AO

Relocatable Concrete Batch Plant

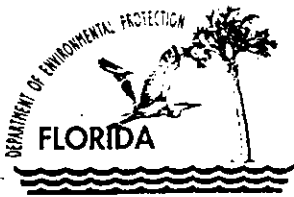


An Intent to Issue an amended air operation permit for John Carlo, Inc. relocatable concrete batch plant for operation throughout the state was distributed on May 2, 1997. The Notice of Intent was published in the Tampa Tribune on June 12, 1997, the Jacksonville Times-Union on June 13, 1997, and the Orlando Sentinel on June 14, 1997. These papers have circulation in 38 counties in Florida. These counties are Alachua, Baker, Bradford, Brevard, Citrus, Clay, Columbia, Dixie, DeSoto, Duval, Flagler, Hamilton, Hardy, Hernando, Highlands, Hillsborough, Lake, Lafayette, Leon, Levy, Manatee, Madison, Marion, Nassau, Orange, Osceola, Pasco, Pinellas, Putnam, Polk, St. Johns, Sarasota, Seminole, Sumpter, Suwannee, Taylor, Union, and Volusia. Comments were not submitted in response to the public notice.

Because these papers do not have circulation in all the counties in Florida, this operation permit will be valid only in those counties mentioned above. The permittee will have to amend the permit, which will include a public notice requirement, prior to operating in any other county in Florida.

The final action of the Department will be to issue the permit as proposed except for the change noted above.





# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## PERMITTEE:

John Carlo, Inc.  
P. O. Box 18401  
Jacksonville, Florida 32229

<b>FID No.</b>	7770402
<b>Permit No.</b>	7770402-002-AO
<b>Expires:</b>	May 31, 2002

*Authorized Representative:*  
Mr. David Ammon  
Project Manager

## LOCATED AT:

Project: Relocatable Concrete Batch Plant, Unit No. 1  
Standard Industrial Classification Code (SIC): 3273

This permit is valid for the following counties: Alachua, Baker, Bradford, Brevard, Citrus, Clay, Columbia, Dixie, DeSoto, Duval, Flagler, Hamilton, Hardy, Hernando, Highlands, Hillsborough, Lake, Lafayette, Leon, Levy, Manatee, Madison, Marion, Nassau, Orange, Osceola, Pasco, Pinellas, Putnam, Polk, St. Johns, Sarasota, Seminole, Sumpter, Suwannee, Taylor, Union, and Volusia. The plant may operate in other counties in Florida after having the permit amended to authorize operation in those counties.

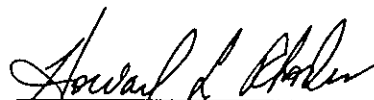
The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the facility has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

## STATEMENT OF BASIS:

This operation permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-296, and 62-297, F.A.C. The above named permittee is authorized to operate the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## Attached appendices made a part of this permit:

Appendix GC                      Permit General Conditions

  
Howard L. Rhodes, Director  
Division of Air Resources  
Management

# AIR PERMIT 7770402-002-A0

## SECTION I. FACILITY INFORMATION

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### SUBSECTION A. FACILITY DESCRIPTION

This facility consists of a 200 cubic yard per hour relocatable concrete batch plant (SIC 3273). The operation will store aggregate and sand in the yard. The plant contains feed bins for the sand and aggregate, an enclosed silo, cement storage vessels, conveyors, weight hopper, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring cement to the plant. Other trucks bring sand, aggregate, and water to the plant.

### SUBSECTION B. REGULATORY CLASSIFICATION

This industry is not listed in Table 212.400-1, Major Facility Categories and is not a Title V source. The plant is a minor source of air pollution.

### SUBSECTION C. PERMIT SCHEDULE:

- 06/12/97 Notice of Intent published in the Tampa Tribune
- 06/13/97 Notice of Intent published in the Jacksonville Times-Union
- 06/14/97 Notice of Intent published in the Orlando Sentinel
- 05/02/97 Issued Notice of Intent to issue Permit
- 04/10/97 Application deemed complete

### SUBSECTION D. RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action and are on file with the Department.

1. Application received 03/19/97
2. Application fee received 04/10/97
3. Technical Evaluation and Preliminary Determination dated 5/1/97

# AIR PERMIT 7770402-002-AO

## SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS

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### SUBSECTION A. ADMINISTRATIVE

- A.1 Regulating Agencies: All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) with a mailing address of 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (904)488-1344. All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the Department's district or county's air pollution control program having jurisdiction over the site at which the facility will operate. This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.
- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved county whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated in any county on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a county is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating in the county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air operation permit shall expire on May 31, 2002. [Rule 62-210.300(1), F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.
- A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be kept at the facility. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

# AIR PERMIT 7770402-002-AO

## SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS

- The operating parameters of the control device
- A timetable for the routine maintenance of the pollution control device
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom

### SUBSECTION B. SPECIFIC CONDITIONS:

This permit supersedes previous air operation permit No. 0570402-001-AO.

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed hopper, silos, conveyors, scale, mixer, and associated equipment controlled by a baghouse

### EMISSION LIMITATIONS

- B.1 Visible emissions from each dust collector exhaust point, silos, hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 The permittee shall not allow any person to circumvent any pollution control device nor allow the emissions of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
- Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and

AIR PERMIT 7770402-002-AO

SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS

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- Use of spray bar or chute to mitigate emissions at the drop point to the truck.

OPERATIONAL LIMITATIONS

- B.4 Hours of operation are not limited. [Rule 62-4.070(3), F.A.C.]
- B.5 This plant shall not operate for more than 2 years at any one site in Florida.
- B.6 Maximum production shall not exceed 200 cubic yards per hour.
- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

TEST METHODS AND PROCEDURES

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days of May 31. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be EPA Method 9. [Rule 62-297.401, F.A.C.]
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the dust collector also collects dust from the batching operation, the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate. Each test report shall state the actual silo loading rate during emissions testing and, if the dust collector controls the batching operation, state whether or not batching occurred during the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once per year. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested for a minimum of 30 minutes or, if the operation is normally completed within less than 30 minutes and does not recur within that time, the test shall last for the length of the loading operation. [Rule 62-297.310(4)(a), F.A.C.]

AIR PERMIT 7770402-002-AO

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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**RECORDKEEPING AND REPORTING REQUIREMENTS**

- B.14 The air program administrators for the Department's districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and telephone number of the person conducting the test. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the District Air Pollution Control Program or County Air Pollution Control Program where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

APPENDIX GC  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. 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.
- G.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 or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and 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 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.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment 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.
- G.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.
- G.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.
- G.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 a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and 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.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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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.

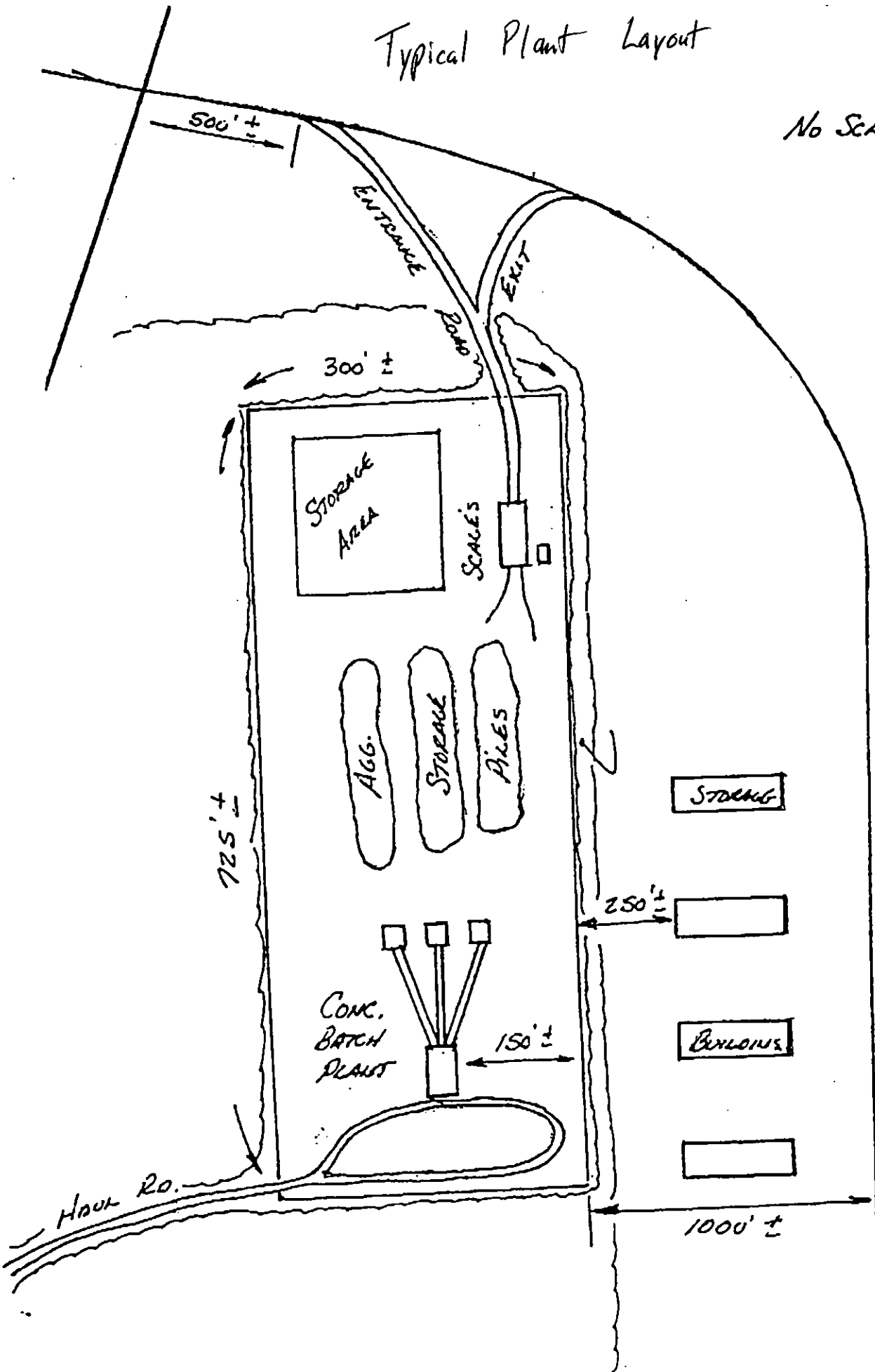
- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.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.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, 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.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 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 or 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:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 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 that 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 corrected promptly.



Attachment II

Typical Plant Layout

No SCALE.



*Attachment IV*

C  
&  
W

**C & W Mfg. & Sales Co., Inc.**

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7356 Hwy. 1187 • MANSFIELD, TEXAS 76063

SPECIFICATIONS FOR CW-RA-140

DUST COLLECTION SYSTEM

MODEL NUMBER - CW-RA-140

NUMBER OF BAGS - 72

BAG DIAMETER - 8"

BAG LENGTH - 114"

TOTAL FILTRATION AREA - 1,432 SQ.FT.

MIN. DESIGN - EFFICIENCY OF DUST COLLECTOR - 99.8%

AIR TO CLOTH RATIO - 4.54 ACFM/FT.<sup>2</sup>

FILTRATION VELOCITY - 4.54 FT/MIN

BLOWER H.P. - 15 H.P.

STATIC PRESSURE DROP (INCHES OF WATER) - 6"

AIR CAPACITY - 6,500 C.F.M.

OUTLET AREA - 2.34 FT.<sup>2</sup>

OUTLET VELOCITY - 46.3 FT/SEC

OUTLET MOISTURE CONTENT - IDEALLY ZERO

CLEANING MECHANISM - REVERSE AIR

FREQUENCY OF CLEANING - VARIABLE

\*INLET DUST CONCENTRATION (GR/MIN) - 97,500 GR/MIN

\*OUTLET EMISSIONS (GR/MIN) - 195 GR/MIN

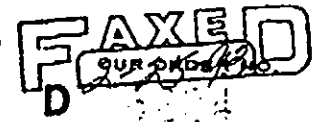
\*OUTLET DUST LOADING - .015 GR/CFM

\* - THESE CALCULATIONS BASED ON INLET DUST LOADING  
OF 15 GR/FT.<sup>3</sup>

**CONTRACTORS MACHINERY CO.**

CONSTRUCTION EQUIPMENT

13200 NORTH END AVE. TELEPHONE 543-4770  
 DETROIT, MICHIGAN 48237



BRANCH

5311 PLAINFIELD AVE., N.E. TELEPHONE 361-2631  
 GRAND RAPIDS, MICHIGAN 49505

INVOICE NO. 004831

INVOICE DATE: 6/9/89

Detroit  
 Grand Rapids

**JOHN CARLO, INC.**  
 21521 HALL ROAD  
 BOX 8  
 MT. CLEMENS, MICHIGAN 48043



**CONTRACTORS MACHINERY CO.**

13200 North End Avenue  
 Detroit, Michigan 48237  
 FAX (313) 543-8582

SOLD TO

CUST. ORDER NO.	DATE REQUIRED	SHIP VIA
	A.S.A.P.	MARQUARDT TRAKS

TERMS

**NET ON INVOICE**

**GREG SCHNEIDER**  
 Sales Engineer

Bub.: (313) 543-4770  
 Res.: (313) 786-1642  
 Mich: 1 (800) 572-7479

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	NEW REX MODEL 'S' CONCRETE PAVING PLANT WITH ALL STANDARD EQUIPMENT INCLUDING BASE TRAILER WITH 5,600 GALLON WATER TANK, 48" W. BATCH BELT, 50 H.P. DRIVE, 20 H.P. AIR COMPRESSOR, 15 H.P. 3" WATER PUMP, 3" BADGER WATER METER, 3-TEMPER WATER METER, TRAILERIZED 600 BBL. CEMENT BIN, DOUBLE WALL, WITH 4 - 5" AIR PIPES, HI/LO BIN SIGNALS, 12-YD. BATCHER, TRAILERIZED 12-YD. TILT MIXER WITH POLYURETHANE LINERS AND FLAPPER DOOR OVER DISCHARGE END, 260 H.P. DRIVES, REX T-1800 COMPUTER, TILT MIXER CONTROLS, HORZ., (FUTURE) MIXER CONTROLS, MATERIAL-ON-HAND INVENTORY, INVENTORY SENTRY, METERED WATER INTO RESERVOIR, TEMPER WATER COUNTER AND PUSH BUTTON RECORDING (5 COPY PRINTER), PLUG AND CORD 20 FT. LONGER THAN STANDARD, 40 FT. SCALE CABLES, DIAL SCALES, 460 V. POWER PASEL, PLANT SERIAL NUMBER 1804		

ORDER HAS BEEN DUPLICATED BY JOHN CARLO, INC., ON JANUARY 15, 1993 FOR SPRING DELIVERY. NEW SERIAL NUMBER 1866.

CONTRACTORS MACHINERY CO.

*Greg Schneider*

Greg Schneider  
 Sales Engineer

Fax No.: (313) 543 - 8582

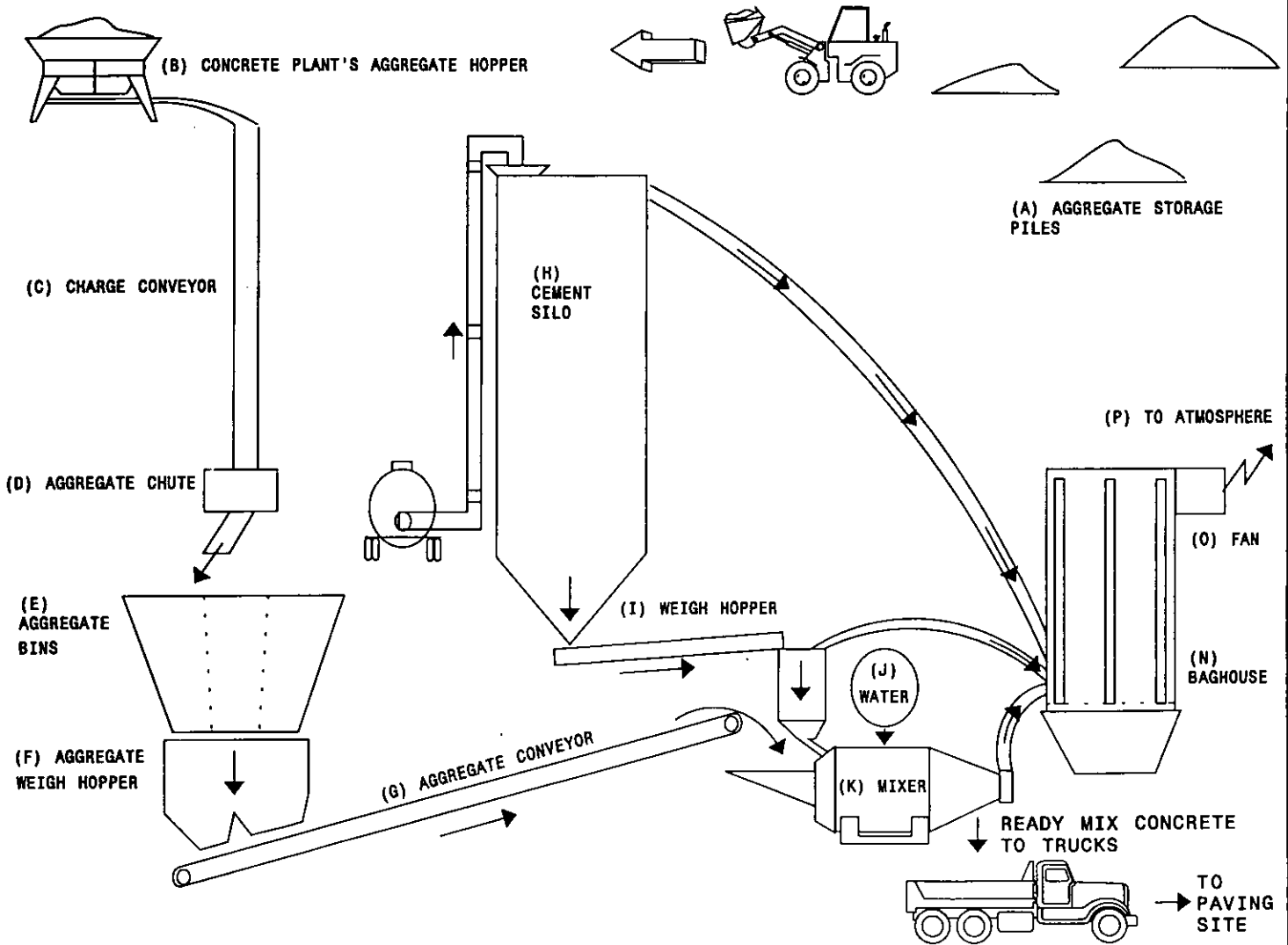
# Attachment III



CENTRAL FLORIDA TESTING LABORATORIES, INC.  
1400 Starkey Road - Largo, FL 34641  
(813)581-7019 (800)248-CFTL

## John Carlo, Inc.

### Flow diagram for central mix concrete plant





**CENTRAL FLORIDA TESTING LABORATORIES, INC.**  
**VISIBLE EMISSIONS OBSERVATION FORM**

METHOD USED (CIRCLE ONE)  
 METHOD 9    203A    203B    OTHER:

COMPANY NAME  
John Carlo, Inc.  
 STREET ADDRESS  
105829 Trade Port Drive    CITY  
Orlando  
 MAILING ADDRESS  
P.O. Box 620516  
 CITY  
Orlando    STATE  
FL    ZIP  
32862  
 PHONE/KEY CONTACT  
David Ammon    SOURCE PERMIT NUMBER  
AD 48-220452

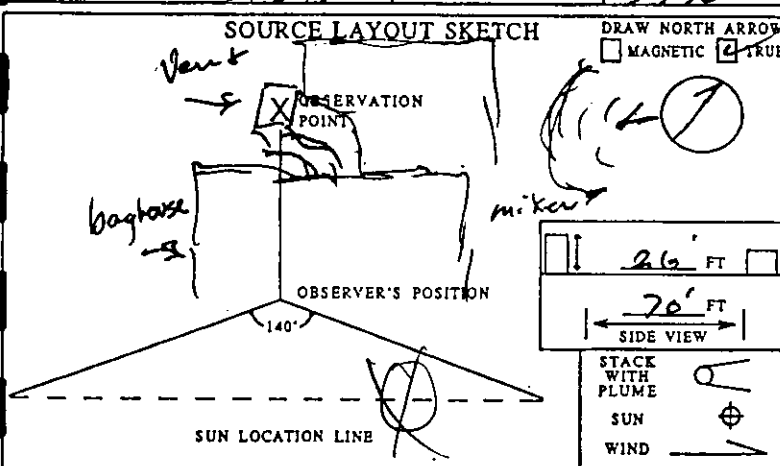
PROCESS EQUIPMENT  
Concrete Batch Plant    OPERATING MODE  
batching & filling site  
 CONTROL EQUIPMENT  
C & W Baghouse    OPERATING MODE  
Continuous

DESCRIBE EMISSION PT.  
Horizontal Rectangular Exhaust on top of Baghouse  
 DISTANCE TO EMISS. PT.  
 START 70'    END 70'    DIRECTION TO EMISS. PT. (DEGREES)  
 START 320°    END 320°  
 HEIGHT OF EMISS. PT.  
 START 26'    END 26'    HEIGHT TO EMISS. PT. REL TO OBSERVER  
 START 22'    END 22'

VERTICAL ANGLE TO OBS. PT.  
 START 4°    END 4°    DIRECTION TO OBS. PT. (DEGREES)  
 START 320°    END 320°  
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT.  
 START Same    END Same

DESCRIBE EMISSIONS  
 START None    END None  
 EMISSION COLOR  
 WATER DROPLET PLUME  
 ATTACHED     DETACHED     NONE

DESCRIBE PLUME BACKGROUND  
 START Grey/Brown Smoke    END Grey/Brown Smoke  
 BACKGROUND COLOR  
 SKY CONDITIONS  
 START Overcast    END Overcast  
 WIND SPEED  
 WIND DIRECTION  
 START 0-2 mph    END 0-2 mph    START N.E.    END N.E.  
 AMBIENT TEMPERATURE  
 WET BULB TEMP.    PERCENT RH  
 START 67.7    END 69.8    53%



LAT:    LONG:    DECLINATION

ADDITIONAL INFORMATION  
Truck Pumping off at 10 psi  
Ticket # 335920, Seal 25041,  
Truck 7405, Trail 3753  
Compassed Cement Corp 27.5 tons  
Batching at 180 Gpm

FORM NUMBER    PAGE 1 OF 1

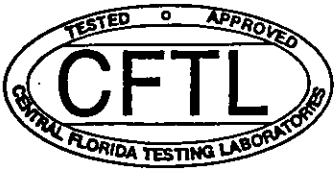
CONTINUED ON VEO NUMBER

OBSERVATION DATE  
1/17/95    START TIME  
9:35:00    END TIME  
10:55:00

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY    HIGHEST SIX MINUTE INTERVAL  
0%    0%

OBSERVER'S NAME (PRINT)  
Brad Hollingsworth  
 OBSERVER'S SIGNATURE  
Brad Hollingsworth    DATE  
1/17/95  
 ORGANIZATION  
CFTL  
 CERTIFIED BY  
ETH Tampa    DATE  
2/3/94



CENTRAL FLORIDA TESTING LABORATORIES, INC.

FUGITIVE VISIBLE EMISSIONS INSPECTION FORM

(EPA METHOD 22)

COMPANY NAME: John Carlo, Inc.  
 STREET ADDRESS: 10589 Trade Part Drive CITY: Orlando  
 MAILING ADDRESS: P.O. box 620516  
 CITY: Orlando STATE: FL ZIP: 32862  
 SOURCE PERMIT NUMBER: AO 08-220452  
 DESCRIBE FUGITIVE SOURCE(S): vehicular Traffic Conveyor Parts  
 OPERATING MODE: Plant Batching, Miken  
 PROCESS UNIT(S): Batching at ~ 180 yards/hour s/b filling & 26tph  
 INDUSTRY: Ready Mix Concrete Manufacture  
 SKY CONDITIONS: Overcast START: Overcast END: Overcast  
 WIND SPEED: 0-2 mph WIND DIRECTION: from  
 START: 0-2 mph END: 0-2 mph START: NS. END: NC.  
 DESCRIBE EMISSIONS: Fugitive Dust  
 START: Fugitive Dust END: Fugitive Dust  
 OBSERVER'S NAME (PRINT): Brad Hollingsworth  
 OBSERVER'S SIGNATURE: Brad Hollingsworth DATE: 1/17/95  
 ORGANIZATION: CFTL  
 CERTIFIED BY: E.T.A Tampa DATE: 8/31/94

CLOCK TIME	OBSERVATION PERIOD DURATION (MIN:SEC)	NO. ACCUMULATED EMISSION TIME (MIN:SEC)
10:50	15:00	1:50
11:05	Break Req	—
11:10	15:00	1:50
11:25	Break Req	—
11:30	15:00	1:10
11:45	Break Req	—
11:50	15:00	1:00
12:05		

TOTAL OBSERVATION PERIOD (MIN:SEC) = 100 min  
 TOTAL ACCUMULATED EMISSION TIME (MIN:SEC) = 5:57  
 EMISSION FREQUENCY (%) = 9.9%  
 DATE OF INSPECTION: 1/17/95

