

perMits	Events	Payment	Site	Facility	partY	Reports	>
----- Permitting Application -----							
----- ARMS Facility -----							
Facility Name: RINKER MATERIALS CORPORATION				AIRS ID: 1190031			
County: SUMTER		Owner: RINKER MATERIALS CORPORATION					
Office: SW: TAMPA		Category: POINT					
----- Project -----							
AIR Permit #: 1190031-001-AG		Project #: 001		CRA Reference #: 34092			
Permit Office: SWD (DISTRICT)			Agency Action: Effective				
Project Name: CONCRETE BATCH PLANT GP			Desc: Wildwood Plant				
Type/Sub/Req: AG /04 Non Title V General Permit - New/Re Logged: 16-NOV-1998							
Received: 16-NOV-1998		Issued: 17-DEC-1998		Expires: 17-DEC-2003		OGC:	
Fee: 100.00		Fee Recd: 100.00		Dele:		Override: NONE	
----- Related Party -----							
Role: APPLICANT		Begin: 16-NOV-1998		End:			
Name: TURNER, DONALD W		Company: RINKER MATERIALS CORPORATION					
Addr: 1501 BELVEDERE RD							
City: WEST PALM BEACH		State: FL		Zip: 33406-		Country:	
Phone: 561-820-8348		Fax: 561-820-8388					
----- Processors -----							
Processor: FERNANDEZ_L		Y Active: 16-NOV-1998 Inactive:					

Enter Project Name.							
Count: *1							
<Replace>							

MAILED VIA "AIRBORNE EXPRESS"



D.E.R.

November 12, 1998

NOV 16 1998

SOUTHWEST DISTRICT
TAMPA

Louis Fernandez - Air Resources Mgt. Division
Florida Dept. of Environmental Protection
Southwest District
8407 Laurel Fair Circle
Tampa, FL 33610

1190031-001

**RE: General air operating permit application for the proposed CSR Rinker /
Wildwood ready-mix concrete batching facility.**

Dear Mr. Fernandez:

Attached with this letter are four copies of an FDEP General Air Notification Form, four letters of authorization, notarized proof of public notification and check no. 311 in the amount of \$100.00. This information is being submitted to your office in order to request a general air operating permit for our proposed Wildwood ready-mix concrete batching facility, which will be located at the intersection of C. R. 124-A (Dairyman's Road) and the CSX Railroad Mainline, north of Wildwood, Florida. The site is presently undeveloped and has no air operating permit.

Technical specifications for the new facility's dust collectors are attached with this submittal. If you have any questions concerning the submittal or need additional information to complete your review, please contact me at (561) 820-8415.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey R. Porter".

Jeffrey R. Porter
Permit/Project Manager

Attachments

cc: D. Turner
D. Beers
File (Wildwood)

AIRWILDWGEN.DOC

Proof Of Publication

from the
SUMTER COUNTY TIMES
Bushnell, Sumter County, Florida
PUBLISHED WEEKLY

D.E.R.

NOV 16 1998

STATE OF FLORIDA
COUNTY OF SUMTER

**SOUTHWEST DISTRICT
TAMPA**

Before the undersigned authority personally appeared FELICIA H. SATCHELL of the Sumter County Times, a newspaper published weekly on Thursday at Bushnell in Sumter County, Florida, that the attached copy of advertisement being a public notice in the matter of the

NOTICE OF INTENT

Court, was published in said newspaper in the issues of

NOVEMBER 5, 1998

Affiant further says that the Sumter County Times is a newspaper published at Bushnell in said Sumter County, Florida, and that the said newspaper has heretofore been continuously published in Sumter County, Florida, each week and has been entered as second class mail matter at the post office in Bushnell in said Sumter County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Felicia H. Satchell
The forgoing instrument was acknowledged before me this 5th day of NOV 19 98 by FELICIA H. SATCHELL

who is personally known to me and who did take an oath.

Jeanette A. Schmidt
Notary Public

Jeanette A. Schmidt
Notary Public, State of Florida
Commission No. CC 669909
My Commission Exp. 08/16/2001
1-800-3-NOTARY - Fla. Notary Service & Bonding Co.

6941105 SCT
PUBLIC NOTICE
STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

The Department of Environmental Protection gives notice of its intent to issue an air general permit for construction of a concrete batching operation of the Rinker Materials Corporation, for the Wildwood site located at the intersection of Dairyman's Road (C.R. 124-A) and the CSX Railroad Line, north of Wildwood, Sumter County. The applicant's name and address are: Donald A. Turner, P.G., Rinker Materials Corporation, P.O. Box 24635, West Palm Beach, FL 34416-4635.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. The procedures for petitioning for a hearing are set forth below. Mediation is not available for this action.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 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, 3700 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850-488-9730, fax: 850-487-4938. Petitions must be filed within 21 (twenty-one) days after publication of the public notice. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address and telephone number of each petitioner, the applicant's name and address 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5 p.m., Monday through Friday, except legal holidays, at the Florida Department of Environmental Protection, Division of Air Resources, 8407 Laurel Fair Circle, Tampa, FL 33610.

Published one (1) time in the Sumter County Times, November 5, 1998.

CONCRETE BATCH PLANT CHECKLIST

FACILITY Rinker Materials Corp.
 AIRS # 1190031-001
 COUNTY Sumter

	YES	NO	NA	Date
Notification	✓			11-16-98
Fee	✓			#100 11-16-98
VE (existing facility)		NEW		w/i 30 days of startup
VE entered in ARMS		✓		:
11-5 Public Notice if NEW	✓			11-5-98
11-16 Proof of Public Notice	✓			11-16-98
Issue				
Deny				

*** Need to start events

Notes: Could not enter date of publication in events because published before notice received date. Elizabeth Walker is working on this. E-mailed her the events screen. Called Eliz. on 12-1-98 - she's still working on it.

Emission Units entered 001, 002, 003.

Never heard back from Eliz.

entered date of publication as 11-16

date rec. proof as 11-16

AREA: SWD _____

Cash Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: _____ \$100.00

-----+-----

SYSSREMT: 293899__ Type: CP__ Recvd Date: 16-NOV-1998 Status: RECEIVED
 SYSSRCPT: 240689__ PNR: _____ Check #: 311_____ Amount: _____ 100.00
 SSN/FEI#: _____ Name: PORTER _____
 First: JEFFERY_R_ & CYNTHIA_ Middle: _____ Title: _____ Suf: _____
 Address1: 5_E_RIVERSIDE_DR _____ Short Comments: _____
 Address2: _____ 1190031_____ L-WILDWOOD_PLANT _____
 City: JUPITER _____ ST: FL Zip: 33469-3255 Country: _____

-----+-----

> P A Y M E N T (S) <-----

Distr	CL	Object	Payment	Reference#	Applic/	S
Area..	Code/Description.....	Amount.....			Fund	A
306143__	SWD__	002272 NON-TITLE_V_GEN	_____ \$100.00	1190031__	ARM PFTF	CO
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

-----+-----

COMMIT FREQUENTLY _____ \$100.00 Payment total

Press <TAB> to accept Collection Point or enter F&A. _____

Count: *1

<Replace>

CONCRETE BATCHING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM

D.E.R.

NOV 16 1998

Part III. Notification to Permitting Office
(Detach and submit to permitting office; keep copy onsite)

**SOUTHWEST DISTRICT
TAMPA**

Instructions to Owner or Operator: To give notice to the Department of an eligible facility's intent to use the concrete batching plant air general permit, the owner or operator of the facility must detach and complete Part III of this Concrete Batching Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner): Rinker Materials Corporation
Site Name (For example, plant name or number): Rinker Materials Corporation - Wildwood
Facility Location: Dairyman's Road (C.R. 124-A) and CSX Railroad Line Street Address: (Pending) City: Wildwood, north of County: Sumter Zip Code:
Facility Start-Up Date: December 14, 1998
Relocatable: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Owner/Authorized Representative

Name and Title: Donald W. Turner, P.G. - Environmental Manager
Owner/Authorized Representative Mailing Address: P. O. Box: 24635, West Palm Beach, FL 33416-4635 Organization/Firm: Rinker Materials Corporation Street Address: 1501 Belvedere Road City: West Palm Beach County: Palm Beach Zip Code: 33406
Owner/Authorized Representative Telephone Number: Telephone: (561) 820-8348 Fax: (561) 820-8388

Facility Contact (If different from Owner/Authorized Representative)

Name and Title: (Not yet assigned) - Operations Foreman			
Facility Contact Mailing Address: Organization/Firm: Rinker Materials Corporation Street Address: Dairyman's Road City: Wildwood County: Sumter Zip Code:			
Facility Contact Telephone Number: Telephone: (352) - Fax: (352) -			

Notification Type

Check one: <input checked="" type="checkbox"/> NEW: Notification of a proposed <i>new</i> concrete batching plant. <input type="checkbox"/> EXISTING: Notification of an <i>existing</i> permitted concrete batching plant which is <i>not</i> changing location. <input type="checkbox"/> RELOCATION: Notification of an <i>existing</i> permitted concrete batching plant which <i>is</i> changing location.

Relocation Information (Complete only if the "RELOCATION" box is indicated above)

Previous Facility Location: Street Address: City: County: Zip Code:		
Facility Shut-Down Date at Previous Location:		

Facility Comments

<p>A ready-mix concrete batching facility, including a two-compartment cement silo and a cement weigh hopper.</p>

Emissions Unit(s) Description

Ready-mix concrete batching facility:

- Cement silo compartment-1 (served by a C. & W. Dust Systems Model CP-230-639 cartridge dust collector).
- Cement silo compartment-2 (served by a C. & W. Dust Systems Model CP-230-639 cartridge dust collector).
- Cement weigh hopper (served by a C. & W. Dust Systems Model CP-100 cartridge dust collector).

Surrender of Existing Air Permit(s)

Check one:

- I hereby surrender all existing air permits authorizing operation of the facility indicated on this form; specifically permit number(s) _____.
- No air permits currently exist for the operation of the facility indicated on this form.

Owner/Authorized Representative Statement

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this notification 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 will promptly notify the Department of any changes to the information contained in this notification.

Donald W. Turner
Signature

11/13/98
Date



Rinker

November 5, 1997

Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619

TO WHOM IT MAY CONCERN:

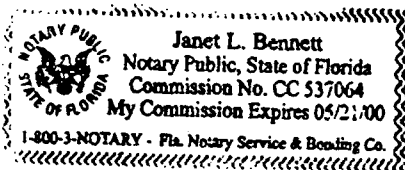
This letter is authorization for Donald W. Turner, P.G., Environmental Manager, to sign applications to construct, operate or renew permits for pollution sources belonging to the Rinker Materials Corporation and its subsidiaries.

Very Truly Yours,

Patrick J. Fagan
Vice-President, Materials Division
South Region
Rinker Materials Corporation
P. O. Box 24635
West Palm Beach, FL 33416-4635
(800) 226-5521

STATE OF FLORIDA
COUNTY OF PALM BEACH

Subscribed and sworn to before me this fifth day of November, 1997 by Patrick J. Fagan, personally known to me to be Vice-President of the Rinker Materials Corporation. He did not take an oath.



(Notary Public In and For
Said County and State)

LETTAUTVFDEPSW.DOC



Operating and Maintenance Instructions

CP Series
Cartridge Collectors

OPERATING AND MAINTENANCE INSTRUCTIONS
CP SERIES

10/4/94

GENERAL OPERATIONS:

C & W MODULAR DUST CONTROL SYSTEM HAS BEEN DESIGNED, BUILT, AND TESTED TO PROVIDE LONG, TROUBLE-FREE SERVICE WITH A MINIMUM OF MAINTENANCE. BY TAKING A FEW MINUTES EACH WEEK FOR A REGULAR PREVENTATIVE MAINTENANCE PROGRAM YOU WILL REALIZE THE FULL POTENTIAL OF YOUR NEW DUST CONTROL SYSTEM.

OPERATION:

TO MORE FULLY UNDERSTAND THE OPERATION OF THE SYSTEM REFER TO DIAGRAM. THE CONTAMINATED AIR ENTERS THE DUST COLLECTOR THROUGH THE HIGH INLET VIA THE AIR EXPANSION CHAMBER AND IS DIVERTED DOWNWARD VIA THE HIGH ENTRY LEVEL PLATE. IN THE CHAMBER, MUCH OF THE HEAVY DUST PARTICLES SETTLES OUT OF THE AIR STREAM AND FALLS INTO THE HOPPER BOTTOM DUE TO A DESIGNED REDUCTION OF AIR VELOCITY. IF THE COLLECTION HOPPER IS ALLOWED TO COLLECT TOO MUCH DUST, THE AIR VELOCITY WILL BUILD UP IN THIS CHAMBER LIMITING THE AMOUNT OF DUST TO BE DROPPED THUS PUTTING AN ADDITIONAL LOAD ON THE FILTER MEDIA. FROM THE EXPANSION CHAMBER THE DUST LADEN AIR FLOWS UP TO THE EXTERIOR OF THE FILTER CARTRIDGES, WHERE THE DUST PARTICLES ARE TRAPPED BY THE FILTER BAGS ALLOWING THE CLEAN AIR TO PASS THROUGH THE

OPERATING AND MAINTENANCE INSTRUCTIONS

CP SERIES

10/4/94

CARTRIDGES TO THE UPPER OR CLEAN AIR CHAMBER. FROM THERE THE CLEAN AIR FLOWS THROUGH THE BLOWER AND OUT INTO THE ATMOSPHERE. THE CLEANING CYCLE OF THE CARTRIDGE FILTERS IS AUTOMATICALLY PROGRAMED BY A SOLID STATE CONTROL PANEL. THE TIME BETWEEN CLEANING CYCLES AS WELL AS THE DURATION OF THE REVERSE PULSE OF COMPRESSED AIR ARE CONTROLLED BY TWO SIMPLE CONTROLS IN THE SOLID STATE PANEL. THESE TIMES MAY BE ADJUSTED AS NEEDED TO PROPERLY CLEAN THE FILTER CARTRIDGES. THE AIR PRESSURE PROVIDED TO THE COMPRESSED AIR CHAMBER MUST BE A MINIMUM OF 90 PSI. THIS MAY BE ADJUSTED BY THE AIR LINE FILTER REGULATOR (IF SO EQUIPPED).

DURING THE CLEANING CYCLE A REVERSE PULSE OF COMPRESSED AIR IS RELEASED BY THE SOLENOID THROUGH THE INTERNAL BLOW PIPE AND THROUGH THE CENTER OF THE INTERIOR OF THE CARTRIDGE. THIS PULSE OF AIR THEN RELEASES THE COLLECTED MATERIAL FROM THE EXTERIOR SIDE OF THE CARTRIDGE AND ALLOWS IT TO DROP INTO THE COLLECTION HOPPER (OR BACK INTO THE SILO FOR SILO COLLECTORS). THE CARTRIDGES ARE CLEANED BY ROW AS SET BY THE CONTROL PANEL. CARTRIDGES MAY BE CLEANED BASED ON TIME OR ON DEMAND IF THE UNIT IS FITTED WITH A PHOTOHELIC GAUGE.

OPERATING AND MAINTENANCE INSTRUCTIONS

CP SERIES

10/4/94

FOR THE MOST EFFECTIVE FILTRATION, A SMALL EVEN THICKNESS OF MATERIAL SHOULD COAT THE OUTSIDE OF THE CARTRIDGES.

EQUIPMENT:

YOUR NEW MODULAR DUST CONTROL SYSTEM HAS BEEN BUILT, ASSEMBLED AND TESTED, THEN THE LARGER UNITS ARE DISASSEMBLED FOR SHIPMENT. EACH SYSTEM SHOULD CONSIST OF THE FOLLOWING STANDARD COMPONENTS FOR THE DUST COLLECTOR. OTHER PROPOSED EQUIPMENT WOULD BE A ADDITION TO THE FOLLOWING LISTED MATERIAL.

1. LOWER SECTION WITH PYRAMIDAL HOPPER, DISCHARGE VALVE AND SUPPORT LEGS.
2. UPPER SECTION WITH CARTRIDGES, CARTRIDGE PLATE AND INSPECTION DOORS.
3. BLOWER AND MOTOR, V-BELT DRIVE AND GUARD, AND SOLENOID VALVES. CLEAN AIR CHAMBER, BLOW PIPES AND SOLENOIDS.
4. ELECTRIC CONTROL PANEL WITH MOTOR STARTERS, AND STEP DOWN TRANSFORMER.
5. SOLID STATE TIMER PANEL FOR CLEANING WITH VARIABLE CONTROLS FOR DURATION AND TIME BETWEEN PULSES.
6. ONE BOX OF SMALL PARTS (ONLY FURNISHED ON UNITS DISASSEMBLED FOR SHIPMENT) CONTAINING:
 - A. MAGNEHELIC GAUGE, BARBED NIPPLES AND 1/8" PLASTIC TUBING.

OPERATING AND MAINTENANCE INSTRUCTIONS

CP SERIES

10/4/94

- B. BOLT KIT FOR BOLTING UPPER AND LOWER SECTIONS AND AIR DUCT TOGETHER.
- C. SILICONE TUBES FOR SEALING BETWEEN SECTIONS.
- D. ONE AIR LINE FILTER, REGULATOR AND LUBRICATOR UNIT.

- NOTE:
- 1. AIR DUCTING, SHROUDS, DUST HOODS OR OTHER OPTIONAL ITEMS SHIPPED WILL BE LISTED ON PACKING LIST.
 - 2. THIS UNIT REQUIRES 90-100 PSI CLEAN AND DRY COMPRESSED AIR.

INSTALLATION:

- 1. SET LOWER SECTION IN PLACE ON ANCHOR BOLTS, LEVEL AND SECURE. CHECK DUST HOPPER TO MAKE SURE NOTHING HAS BEEN PACKED IN IT OR TRAPPED IN THE OPENING AT THE BUTTERFLY VALVE.
- 2. LIFT THE UPPER SECTION IN PLACE ON TOP OF THE LOWER SECTION. BE SURE SILICONE GASKET IS IN PLACE. INSTALL SEVERAL BOLTS TO ASSURE ALIGNMENT AND CHECK OTHER HOLES TO MAKE SURE THEY LINE UP. INSTALL AND SECURE REMAINDER OF THE BOLTS.
- 3. UNLESS THE CRANE IS NEEDED FOR SOME OTHER OPERATION SUCH AS MOUNTING INSPECTION PLATFORMS, LADDERS, ETC., IT MAY BE RELEASED AT THIS TIME.
- 4. INSTALL AND TIGHTEN ALL THE BOLTS ON THE SPLIT LINE BETWEEN THE UPPER AND LOWER SECTION.
- 5. OPEN HOPPER DOOR ON LOWER SECTION. CHECK AROUND SPLIT LINE FOR ANY LIGHT OR PIN HOLE. THE SMALLEST HOLE WILL ALLOW WATER AND MOISTURE TO ENTER CREATING MAINTENANCE PROBLEMS.
- 6. OPEN THE TOP DOOR AND INSTALL CARTRIDGES TO MAKE SURE THEY ARE IN PLACE & NO DAMAGE HAS OCCURRED IN TRANSPORTATION.

OPERATING AND MAINTENANCE INSTRUCTIONS

CP SERIES

10/4/94

7. INSTALL AIR LINE FILTER REGULATOR AND LUBRICATOR ON ONE END OF THE AIR LINE MANIFOLD AT THE TOP OF THE UPPER SECTION, PLACE A 3/8" DIAMETER PIPE PLUG IN THE OTHER END OF THE MANIFOLD. (NOTE THE DIRECTIONAL ARROW ON THE FILTER REGULATOR AND LUBRICATORS AND PLACE IN THE DIRECTION OF THE AIR FLOW).
8. RUN PLANT AIR TO THE FILTER, AND ADJUST THE PRESSURE REGULATOR TO APPROXIMATELY 90-100 P.S.I.
9. CONNECT ELECTRICAL LINE AND CHECK ROTATION OF BLOWER MOTOR, AND AUTOMATIC CEMENT RETURN BLOWER MOTOR AND AUTOMATIC MATERIAL RETURN BLOWER (IF SO EQUIPPED).

NOTE: THIS WORK SHOULD BE DONE BY A QUALIFIED ELECTRICIAN.

10. CONNECT CONTAMINATED AIR DUCT TO THE INLET ON THE MAIN HOUSING SECTION AND BLOCK ALL POSSIBILITY FOR AIR LEAKS.
11. START BLOWERS.
12. CHECK SOLENOID VALVES ON TOP OF UPPER SECTION TO MAKE SURE THEY ARE OPERATING PROPERLY.
13. CHECK SUCTION AT DUST PICKUP ENTRANCE. THIS SHOULD BE SUFFICIENT TO COLLECT DUST AS REQUIRED.
14. TURN BLOWER OFF AND TURN MAIN SWITCH OFF.
15. OPEN THE SOLID STATE CONTROL PANEL TO SET TIME FOR DURATION OF THE PULSE AND TIME BETWEEN PULSES.
 - A. SET THE RIGHT TIMER AT .2 MILLISECONDS FOR DURATION OF THE PULSE.
 - B. SET THE LEFT TIMER AT 20 SECONDS BETWEEN PULSES. WATCH THE MAGNEHELIC GAUGE CLOSELY AND IF IT READS BELOW 3 INCHES OF WATER PRESSURE, INCREASE THE TIME BETWEEN PULSES UNTIL THE COLLECTOR BALANCES OUT AT 3 TO 4 INCHES OF WATER PRESSURE.

OPERATING AND MAINTENANCE INSTRUCTIONS

CP SERIES

10/4/94

16. A. START COLLECTOR AND CHECK SOLENOID VALVES AND DISCHARGE VALVE (IF SO EQUIPPED) TO MAKE SURE ALL ARE OPERATING CORRECTLY.
 - B. LISTEN FOR TIME BETWEEN PULSES AND INSURE THAT THIS TIME CORRESPONDS TO THE TIMER SETTING AND THAT EACH SOLENOID PULSES.
17. DURING THE FIRST TWO WEEKS OF OPERATION, CHECK YOUR COLLECTOR FREQUENTLY.
 - A. REMOVE THE HOPPER DOOR AND CHECK FOR EXCESS COLLECTED MATERIAL BUILD-UP. IF MATERIAL IS MORE THAN 6" DEEP IN THE BOTTOM OF THE HOPPER, RESET YOUR TIMER FOR THE DISCHARGE VALVE (IF SO EQUIPPED) OR MANUALLY CLEAN OUT THE HOPPER ON A MORE FREQUENT BASIS.
 - B. AT THE END OF 2 WEEKS OPERATIONS, YOUR MAGNEHELIC GAUGE SHOULD READ BETWEEN 3 AND 5 INCHES. IF YOUR GAUGE READS HIGHER THAN 6 INCHES, RESET THE TIMER CONTROLLING THE DURATION BETWEEN PULSES TO A LESSER INTERVAL UNTIL THE PROPER READING IS ACHIEVED ON THE MAGNEHELIC GAUGE.

OPERATING AND MAINTENANCE INSTRUCTIONS
CP SERIES

10/4/94

SERVICE INSTRUCTION:

DESCRIPTION	FREQUENCY
AIR LINE TO CARTRIDGE COLLECTOR:	
1. CHECK OIL IN LUBRICATOR-FILL AS REQUIRED.	ONCE A WEEK
2. CHECK WATER TRAP TO MAKE SURE IT IS EMPTYING. (LOCATED ON BAG HOUSE)	ONCE A WEEK
3. AIR PRESSURE SHOULD BE APPROXIMATE-90-100 PSI.	

LUBRICATION:

1. FITTING ON BLOWER.	ONCE A WEEK
2. ALL ELECTRIC MOTORS.	ONCE PER 6 MONTHS
CHECK V-BELT DRIVES FOR TENSION AND WEAR.	ONCE PER 3 MONTHS

FILTER MEDIA:

OPEN THE TOP COMPARTMENT DOORS. CHECK THE BAG PLATE OF THE COMPARTMENT FOR DUST. LACK OF DUST BUILD UP IS AN INDICATION THAT THE COMPARTMENT IS FILTERING SATISFACTORY.	ONCE PER 3 MONTHS
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------

**Specifications for CP-230-639
Dust Collector**

Model Number: CP-230-639

Number of Cartridges: 6

Total Filtration Area: 228 Sq.Ft.

Min. Design Efficiency of Dust Collector: 99.99%

Air to Cloth Ratio: 3.5 ACFM/Ft.²

Filtration Velocity: 3.5 Ft/Min

Blower / H.P.: PB-12A - 2 H.P. (Optional)

Static Pressure Drop (Inches of Water): 6"

Air Capacity: 800 C.F.M.

Outlet Area: 0.196 Ft.²

Outlet Velocity: 68.03 Ft/Sec

Outlet Moisture Content: Ideally Zero

Cleaning Mechanism: Pulse Jet Nozzles w/ Per-Set Timer

Frequency of Cleaning: Adjustable Timer

* **Inlet Dust Concentration (Gr/Min):** 12.000 Gr/Min

* **Outlet Emissions (Gr/Min):** 1.2 Gr/Min

* **Outlet Dust Loading:** 0.0015 Gr/Cf

* - These Calculations Based on Inlet Dust Loading
of 15 Gr/Ft.³

Cartridge Specifications

Cartridge Is 8" Dia. X 39" Long - 63 Pleats

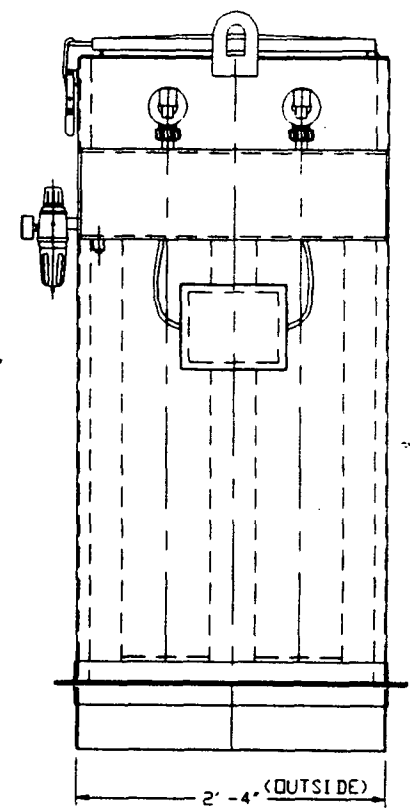
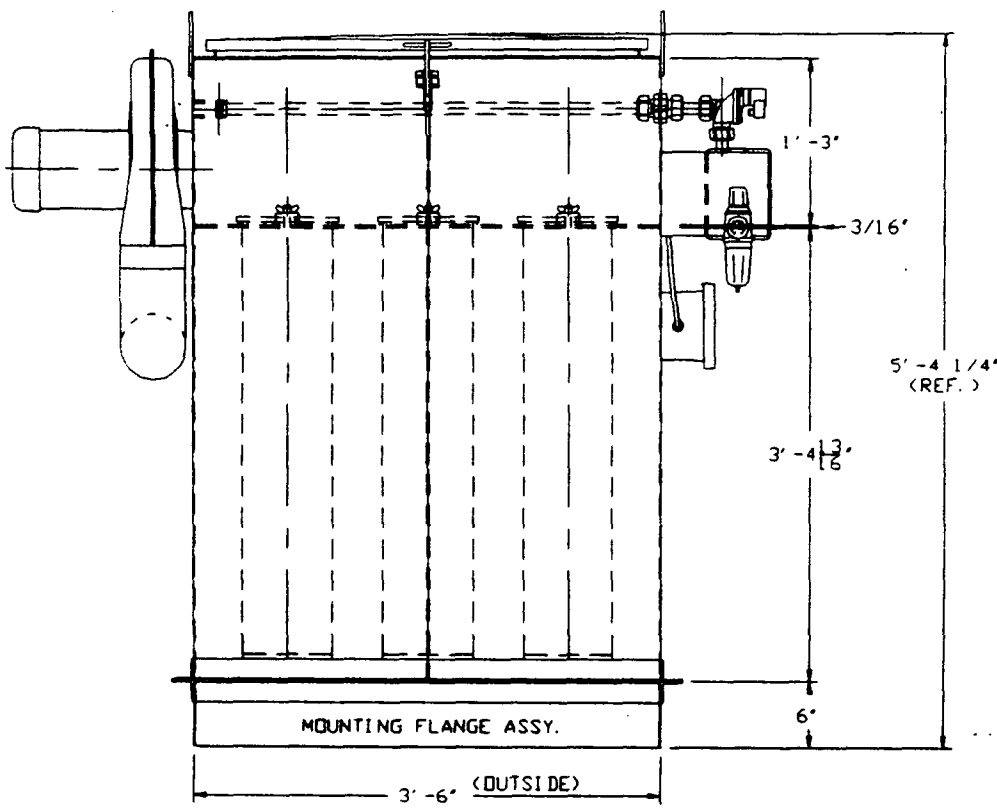
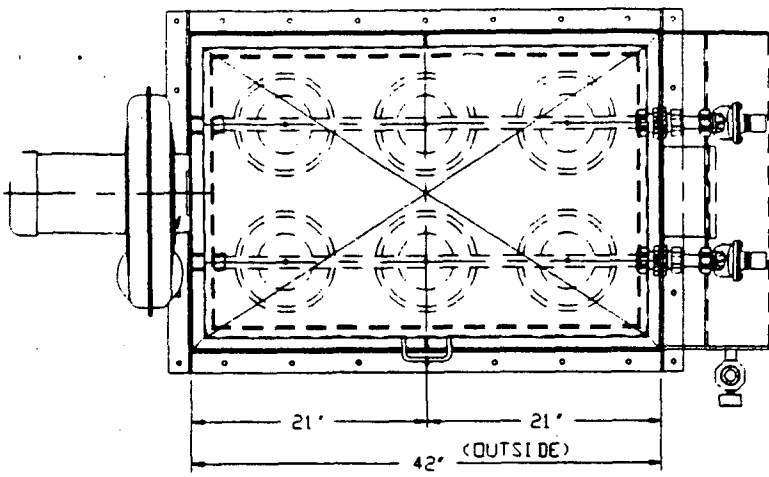
Fabric: 100% Polyester

Weight: Approximately 8.1 Oz.

Air Permeability: 28 CFM @ 1/2" Wg

Efficiency: 99.99% @ .2 - 2 Micron & Above

Heat: 275,200 Degrees F. STD. Construction

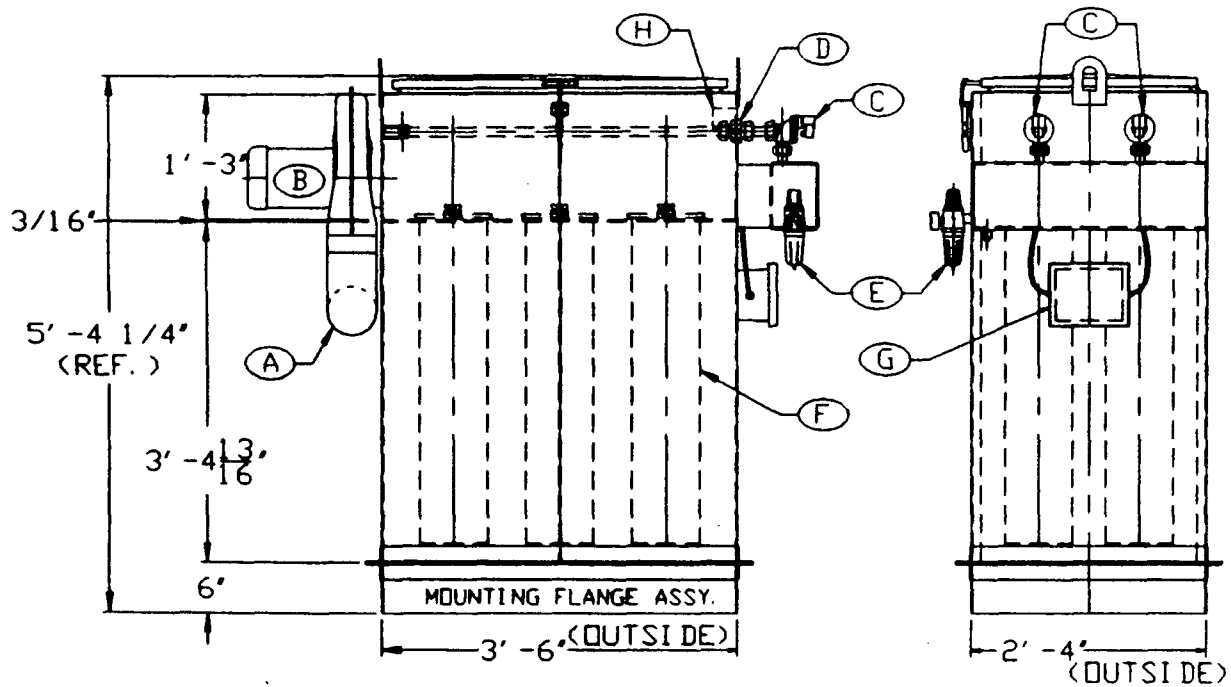


CP-230-639 PULSE JET SILO COLLECTOR



C & W MFG. & SALES CO.
 7356 HWY. 1187
 MANSFIELD, TX. 76063(817) 572-3371

ITEM	QTY	DESCRIPTION	MFG.
* A	1	BLOWER PB-12	CINCI
* B	1	MOTOR 2 HP-3450 RPM 56C	BALDOR
C	2	SOLENOID VALVE GOYEN 3/4"	GOYEN
D	2	SOLENOID VALVE DBL. BULKHEAD 3/4"	GOYEN
E	1	AIR LINE FILTER/REG. W/AUTO DRAIN	SB
F	6	CARTRIDGE ET-0701 8' DIA. X 39' LG.	C&W
G	1	TIMER PANEL DNC-T2003-A10	NATIONAL
* H	1	PRESSURE SWITCH SERIES 1800	DWYER
* OPTIONAL			



CP-230-639 PULSE JET SILO COLLECTOR PARTS LIST



C & W MFG. & SALES CO.
 7356 HWY. 1187
 MANSFIELD, TX. 76063(817) 572-3371

**Specifications for CP-100
Dust Collector**

Model Number: CP-100

Number of Cartridges: 1

Total Filtration Area: 110 Sq.Ft.

Min. Design Efficiency of Dust Collector: 99.99%

Air to Cloth Ratio: 3.18 ACFM/Ft²

Filtration Velocity: 3.18 Ft/Min

Blower H.P.: 2 H.P. (Optional)

Static Pressure Drop (Inches of Water): 6"

Air Capacity: 350 C.F.M.

Outlet Area: 0.09 Ft.²

Outlet Velocity: 64.8 Ft/Sec

Outlet Moisture Content: Ideally Zero

Cleaning Mechanism: Pulse Jet Nozzles W/ Per-Set Timer

Frequency of Cleaning: Adjustable Timer

*** Inlet Dust Concentration (Gr/Min): 5,250 Gr/Min**

*** Outlet Emissions (Gr/Min): 0.525 Gr/Min**

*** Outlet Dust Loading: 0.0015 Gr/Cf**

*** - These Calculations Based on Inlet Dust Loading
of 15 Gr/Ft.³**

Cartridge Specifications

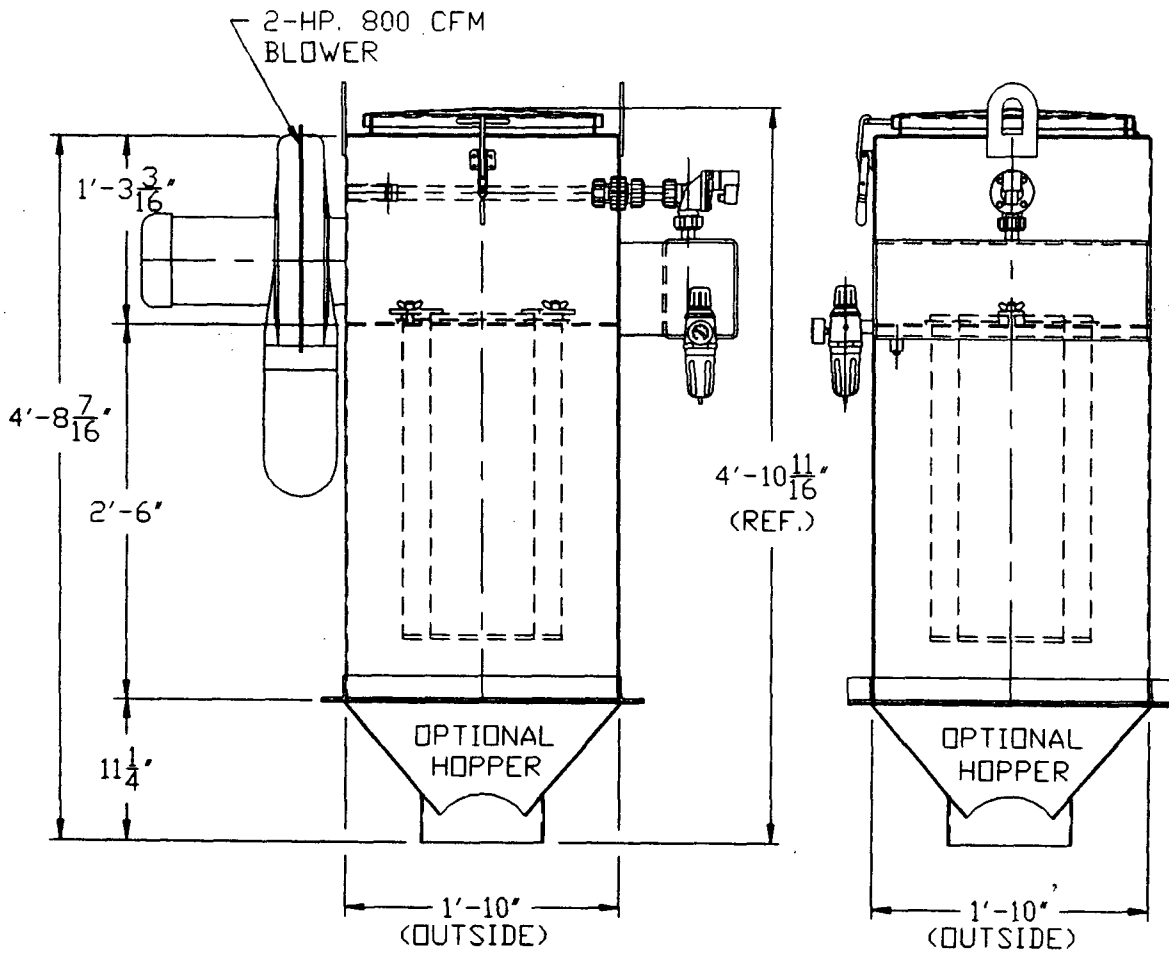
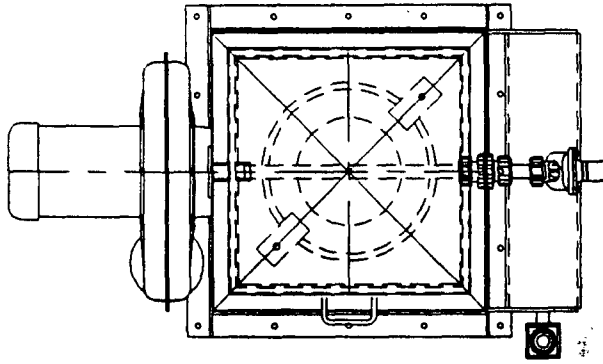
Cartridge Is 12" Dia. X 26" Long

Fabric: 100% Polypropylene

Weight: Approximately 6 Oz.

Air Permeability: 30 CFM @ 1/2" Dp

Efficiency: 99.99% @ 1 Micron & Above



CP-100 CARTRIDGE PULSE JET SILO COLLECTOR



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