

***Department of Environmental Protection
Division of Air Resource Management***

**ARMS EU Inventory
Documentation**

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Getting Starting

Tips on Entering Emission Unit Data

Here are some tips on entering, correcting, or editing emission unit data. This text is from a September 23, 1996 memo by the Office of Policy Analysis and Program Management within the Division of Air Resources Management.

1. It is desirable to keep the current emission unit breakdowns for the purpose of continuity with existing historical emission data and current compliance and enforcement activities. This is especially true for major emitting units and emissions units subject to stack testing or continuous monitoring.
2. Emissions units can be listed in your permit in any logical order which makes sense. They don't have to be listed by the emission unit ID.
3. When emission units are regrouped, existing emissions units in ARMS should be inactivated, and the new emissions unit, which represents the group, should be established. Please do not overwrite the existing data because it will make keeping track of historical data difficult. The inactivation should not be done until the new permit is issued.
4. Please do not inactivate the existing emissions units and create new ones solely because the new emissions unit IDs are in better sequence. This will create unnecessary discontinuity of the historical data. Emissions unit ID does not have any meaning. It is simply a number generated by ARMS.

Grouping Emissions Units

It is acceptable to group all emission points serving a single process/production unit or activity as a single emissions unit, where each such point is subject only to a Visible Emission Standard.

1. It is desirable to group process/production units and activities, which are regulated (or proposed to be regulated) collectively; e.g. MACT standard for methanol plants and proposed MACT standard for bleach plants.
2. Other logical groupings may be desirable based on similarity of process/production units and activities and proximity of emission points.
3. It is not advisable to group process/production units subject to individual emission standards for which compliance must be demonstrated via stack test or CEM.
4. Unless the grouping is clearly desirable for an administrative and regulatory stand point, it is advisable to keep current emission unit breakdowns with existing permits and compliance tracking.
5. Grouping is not a license to "bubble."

Emission Unit Inventory

There are two ways to navigate to the **Emission Unit** section; navigating through the **Inventory menu** and selecting **Facility** or by navigating directly to **Emission Unit**.

Facility



To navigate through the **Facility** menu option, click **Inventory** then select **Facility**.

Querying Facility Data

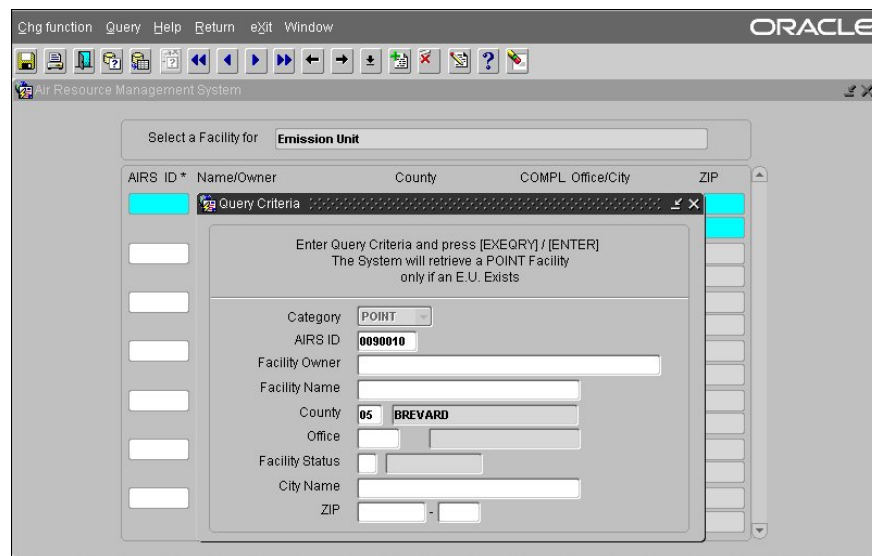
1. Press **[Enter Query]**. If a message appears on the status line that the **Field must be entered**, press **[Clear Form]** and then press **[Enter query]** once more. **ENTER QUERY** will appear at the bottom of the form.
2. Enter the available information on the facility. If the AIRS ID is known, it is not necessary to enter any other info. If the AIRS ID is not known, it is possible to query on any of the fields provided. See the Basic Oracle instructions at the beginning of the manual to obtain more information about querying.
3. Press **[Execute Query]** to start the search of the data.
4. Once the desired Facility appears select **Emis Unit** from the menu bar which will navigate to permanent emission unit information.

Note: If no records match the query criteria, a message will appear to reattempt the query. If the query was successful, a facility form will appear on the screen. Notice the status line at the bottom of the form, record shows 1/1. If there were more records it would show the number there. Use the **[Up]** and **[Down]** arrow keys to navigate to each facility record.

Emission Unit



To navigate using the **Emission Unit** menu option, use the mouse to highlight Inventory and click emission unit or press **[E]**. ARMS will prompt to query the database for the facility to view.



Query the desired facility and press **[F12]** or click the query button to execute the query.

AIRS ID *	Name/Owner	County	COMPL	Office/City	ZIP
0090010	YORKE DOLINER & COMPANY	05 BREVARD	CD	Cent: ORLANDO	32955
	TRADEMARK METALS RECYCLING			ROCKLEDGE	

Select the appropriate facility by using the down arrows or using the mouse and press **[Enter]**.

Change fac Emission unit Add record Query all EU Help Return exit Window

POINT AIRS ID 0090010 STATUS A OFFICE CD Cent: ORLANDO ARMINV50
 SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD
 OWNER/COMP TRADEMARK METALS RECYCLING

EU ID *	Stat	Description
001	A	AUTO-METAL SHREDDER
003	I	ZINC SMELTER W/CYCLONE INCIN & BAGHOUSE CONTROL
004	I	WET PROCESS AUTO-METAL SHREDDER
005	I	DISEL ENGINE #1
006	I	DISEL ENGINE #2
007	I	Natural Gas Engine #3
008	I	Natural Gas Engine #4

Press [ENTER] to Select this Emission Unit

Select the Emission unit to view by using the down arrows or using the mouse and press **[Enter]**.

Selection Menu

Change the current facility, view a selected emission unit, add records, or Query all Emission Units using the Emission unit menu bar.

The following options are available from the **Emission Unit** menu:

Change fac	Query ARMS to view a different facility's emission units.
Emission unit	This option is enabled once the change facility option has been selected.
Add record	Enter in new emission unit record.
Query all EU	View all emission units for the current facility.
Return	Returns to the previous screen.
eXit	Returns to the main facility.

View the detailed information on the emission units of the active facility by using the **[Up]** or **[Down]** arrow keys within the **Eu No.** field and pressing **[Return]** on the desired selection. ARMS will navigate to the ARMS **Emission Unit Description & Status** form.

Change fac

Query another facility by entering the **County code** and the **AIRS Id** into the query fields. If the county code and AIRS Identification number is unknown a **[Ctrl+L]** is available for both fields.

Changing the Facility

1. Press **[Menu]** and select **Change fac** from the menu bar.
2. Press **[Ctrl+L]** and select a **County** code by pressing **[Return]** or enter the correct **County** code.
3. Press **[Return]** to move the cursor to the **AIRS Id** field.
4. Press **[Ctrl+L]** and select an **AIRS Id** by pressing **[Return]** or enter in the correct seven digit **AIRS Id**.
5. Press **[Return]**. The newly queried facility and its Emissions Units will appear.

Change fac Emission unit Add record Query all EU Help Return exit Window

ORACLE

Air Resource Management System - Emissions Unit

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO ARMINV50

SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD

OWNER/COMP TRADEMARK METALS RECYCLING

EU ID *	Stat	Description
001	A	AUTO/METAL SHREDDER
003	I	ZINC SMELTER W/CYCLONE INCIN & BAGHOUSE CONTROL

Query Criteria

Enter The Facility You Would Like To Query On

County AIRS ID

Create record

To add a new emission unit for the current facility, select **Create record** from the **Emission Unit** menu. This will bring up a blank Emissions Unit Description and Status form.

Emis Unit ID	The system generated number assigned to the emission unit
Status	The status of the emission unit
Oz SIP Base Yr Unit	Is this an Ozone SIP Base Year Unit? Y or N .
Description	EU description
EU Class	The Emission Unit Classification. Regulated or Unregulated?
Type	Type of Emission Unit
AIRS Desc	AIRS Description
Maj Group SIC	The two digit Major group SIC code for the facility
Gen Rating	The generator nameplate rating in Mega Watts
CEMS – Method of Compliance	Yes or No requiring a CEMS
Manufacturer	The manufacturer of the emission unit
Model No	The model number for the Generator
# of Segment	The number of segment records entered for the emission unit
# of Pollutant	The number of pollutant records entered for the emission unit
# of VE Subtype	The number of Visible emission subtypes defined for the emission unit
Comment	EU comments
Commence Construction Dt	Date construction began
Startup Dt	The date the emission unit came into service
Permanent Shutdown Dt	The date the emission unit was permanently shutdown
Long Term Reserve Shutdown Dt	The long term reserve shutdown date
Dwell Time	The dwell time in Seconds
Dwell Temp	The dwell temperature in degrees Fahrenheit
Afterburner Temp	The afterburner temperature in degrees Fahrenheit

Query all EU

Access all of the Emission Units in the current facility using the Query all EU menu option. Scroll through the different emission units of the facility using the **[UP]** and **[Down]** arrow keys. Notice the **Count** at the bottom left of the status line. The **Count** displays the number of emissions units that have been viewed. Arrows located on the right of the **Count** indicate that there are more emission units to view.

Count: Indicates the number of records retrieved by a query. Each time a record fetched by a query (search) is displayed, the count is increased. When all of the emission units have been viewed, an asterisk (*) is displayed beside the count to indicate that there are no additional emission units.

- ^ Indicates that there are records before the current emission units displayed.
- v Indicates that there are records after the current emission units displayed.

Emission Unit Information Menu

Press **[Menu]** to choose options from the menu bar. Use the **[Left]** and **[Right]** arrows keys and press **[Return]**, or press the capitalized letter of the menu option to make a selection. A pull down menu with the options listed below will appear. Make a selection using the **[Up]** or **[Down]** arrow keys and pressing **[Return]** or by pressing the capitalized letter of the desired selection.

eu Details	Retrieves forms for additional emission unit related information.
Emission pnt	Contains emission point information.
Pollutant	Contains pollutant information at emission unit levels.
VE	Contains visible emission information.
AOR & SIP	Contains annual operation information.
Con monitor	Contains emission unit continuous monitor information.
Compl Assur	Contains compliance information.
Return	Returns to the previous screen.
eXit	Navigates to the main facility screen.

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

eu Details Emission pnt Pollutant VE AOR / SIP Con monitor Compl Assur Help Return eXit Window

Air Resource Management System - Emissions Unit

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO

SITE NAME TRADEMARK METALS COUNTY BREVARD

OWNER/COMP TRADEMARK METALS

Description & Status

Emission Unit ID 001 Status * A Active Oz SIP Base Yr Unit

Description * AUTO/METAL SHREDDER

EU Class * R Regulated Emissions Unit

Type AIRS Desc AUTO/METAL SHREDDER

Maj Group SIC 50 Wholesale Trade - Durable Goods Commence Construction Dt

Gen Rating MW CEMS - Method of Compliance H Startup Dt

Manufacturer TEXAS SHREDDER Permanent Shutdown Dt

Model No HEAVY DUTY 98"X104" Long Term Reserve Shutdown Dt

of Segment 1 A 1 I # of Pollutant 2 A 4 I # of VE Subtype 1

Comment AUTO SHREDDER

Incinerator

Dwell Time Sec Dwell Temp F Afterburner Temp F

Enter the Emission Unit STATUS

Record: 1/1 ... List of Valu...

eu Details

Enter, update, or view further information on the current emission unit through the **Update** menu option.

Oper capacity
desc & sTatus
Comment
program
reGulation
psD
segMent
suppLemental
coNtrol equip

Contains the operating capacity information of the emission unit.

Contains a description and status of the Emission Unit.

[D]EP or **[A]**pplicant comments about the emission unit.

Air program and codes

Contains the regulation type.

Prevention of Significant Deterioration number.

Attach and maintain segment information for emission unit.

Contains the location of the emission unit supplemental information.

Contains the description and control methods for pollution control equipment attached to the current emission unit.

Schedule

View and maintain the maximum permitted operating schedule for the Emission Unit.

chg. emis Point

Allows for changing the emission point attached to the emission unit.

similar EU

Displays similar emission units for fee purposes.

Show similar EU

Allows designation of similar emission units for fee purposes.

Asgn similar EU

Allows modification of similar emission unit designation.

Unlink simil EU

pErmit

Displays permit tracking information on the current facility's emission unit.

Source History

Allows viewing of selected historical information about the emission unit.

eU reports

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

eu Details | Emission pnt | Pollutant | VE | AOR / SIP | Con monitor | Compl Assur | Help | Return | eXit | Window | ORACLE

Management System - Emissions Unit

POINT AIRS ID 0090010 STATUS A OFFICE CD Cent: ORLANDO ARMINV51

SITE NAME TRADEMARK METALS COUNTY BREVARD

NER/COMP TRADEMARK METALS

Description & Status

Unit ID 001 Status * A Active Oz SIP Base Yr Unit

ption * AUTO/METAL SHREDDER

Related Emissions Unit

AIRS Desc AUTO/METAL SHREDDER

Resale Trade - Durable Goods Commence Construction Dt

Rating MW CEMS - Method of Compliance N Startup Dt

Manufacturer TEXAS SHREDDER Permanent Shutdown Dt

Model No HEAVY DUTY 98"X104" Long Term Reserve Shutdown Dt

of Segment 1 A 1 # of Pollutant 2 A 4 # of VE Subtype 1

Comment AUTO SHREDDER

Incinerator

Dwell Time Sec Dwell Temp F Afterburner Temp F

Similar Emission Unit

Record: 1/1 ... List of Valu...

Note: If there is more than one capitalized letter within a selection, use the first capital letter.

Oper capacity

Select the **Oper capacity** menu option to navigate directly to the Operating Capacity information of the current emission unit. This form may be viewed, updated, or edited. After entering the new data, press **[Commit/Accept]** to save the new information.

1. Enter the **Max Heat Input Rate** value in mmBtu/Hour.
2. Enter the **Incineration Rate** value in lb/Hr or Ton/Hr
3. Enter the **Max Throughput Rate** value and **Units**.
4. Enter the **Max Production Rate** value and **Units**.
5. Enter comments concerning the Emission Unit's operating capacity in the **Op Capacity Comment** field.
6. Press **[Commit/Accept]** to save changes.

The screenshot displays the 'Operating Capacity' window within the 'Air Resource Management System - Emissions Unit' application. The window title is 'Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)'. The menu bar includes 'eu Details', 'Emission pnt', 'Pollutant', 'VE', 'AOR / SIP', 'Con monitor', 'Compl Assur', 'Help', 'Return', 'exit', and 'Window'. The toolbar contains various icons for file operations and navigation. The main form area is divided into sections:

- Header Section:** Includes fields for 'POINT' (ARMHV51), 'AIRS ID' (0090010), 'STATUS' (A), 'OFFICE' (CD), 'Cen: ORLANDO', 'SITE NAME' (TRADEMARK METALS), 'COUNTY' (BREVARD), and 'OWNER/COMP' (TRADEMARK METALS).
- Description & Status Section:** Includes 'Emis Unit ID' (001), 'Status *' (Active), 'Oz SIP Base Yr Unit' (dropdown), 'Description *' (AUTO/METAL SHREDDER), and 'EU Class *' (R Regulated Emissions Unit).
- Operating Capacity Section:** Contains input fields for 'Max Throughput Rate' (150), 'Max Production Rate', 'Max Heat Input Rate', and 'Incineration Rate'. It also includes 'Units' dropdowns (TONS/HR, mmBTU/Hr, Lb/Hr, Tons/Day) and an 'Op Capacity Comment' field with the text 'For compliance testing'.

At the bottom of the window, there is a status bar with the text 'Enter the Maximum Process or Throughput Rate' and 'Record: 1/1'.

Also navigate to this option from the **Description and Status** screen. At the **Afterburner Temp** field, press **[Return]** to view the **Operating Capacity**.

desc & sStatus

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

eu Details Emission pnt Pollutant VE AOR / SIP Con monitor Compl Assur Help Return exit Window ORACLE

Air Resource Management System - Emissions Unit

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO ARMINV51

SITE NAME TRADEMARK METALS COUNTY BREVARD

OWNER/COMP TRADEMARK METALS

Description & Status

Emis Unit ID 001 Status * A Active Oz SIP Base Yr Unit

Description * AUTO/METAL SHREDDER

EU Class * R Regulated Emissions Unit

Type AIRS Desc AUTO/METAL SHREDDER

Maj Group SIC 50 Wholesale Trade - Durable Goods Commence Construction Dt

Gen Rating MW CEMS - Method of Compliance N Startup Dt

Manufacturer TEXAS SHREDDER Permanent Shutdown Dt

Model No HEAVY DUTY 98"X104" Long Term Reserve Shutdown Dt

of Segment 1 A 1 I # of Pollutant 2 A 4 I # of VE Subtype 1

Comment AUTO SHREDDER

Incinerator

Dwell Time Sec Dwell Temp F Afterburner Temp F

Enter the Emission Unit Description for AIRS Tracking

Record: 1/1

Once an emission unit has been selected, edit the **Emission Unit Description & Status** form by using either **Replace** or **Insert [Ctrl+I]** mode. After editing, press **[Commit/Accept]** to save the new information. At the **Afterburner Temp** field press **[Return]** to view the **Operating Capacity**.

Comment

Enter all comments made by DEP or by the applicant by selecting **Comment** from the update menu. Notice that there is a comment type to be used for reference: **[D]**EP or **[A]**pplicant.

Entering type and comment

1. Enter comment type then press **[Enter]**, tab or click in comment area.
2. Enter comment.
3. Press **[Ctrl+F6]** or click the **[Commit/Accept]** button to save changes.

The screenshot shows the Oracle Air Resource Management System - Emission Unit Comments window. The window has a menu bar with Help, Return, eXit, and Window. Below the menu bar is a toolbar with various icons. The main area contains several input fields and a table. The fields are: POINT, AIRS ID (0090010), STATUS (A), OFFICE (CD), Cen: ORLANDO, SITE NAME (YORKE DOLINER & COMPANY), COUNTY (BREVARD), OWNER/COMP (TRADEMARK METALS RECYCLING), EU ID (001), and AUTO/METAL SHREDDER. The table has columns for Type, Comment, and Date. The first row is highlighted in blue and shows a date of 01/29/2002.

Changing/Adding comments

1. Double Click the comment area to be changed.
2. Type in the new comment in the space provided.
3. Click **[OK]**.
3. Press **[Commit/Accept]** to accept changes.

Note: **Return** on the Menu bar will navigate back one screen. **Exit** will return the user to the main Facility.

progrAm

The **progrAm** menu selection will produce the **Program** form for the current emissions unit.

1. Enter the Program ID. **Note:** a list of acceptable code values can be selected by pressing **[Ctl+L]** or list button, make selection then press **[OK]**.
2. Press **[Ctrl+F6]** or save button to save changes.

The screenshot shows the Oracle Enterprise Applications (BETA Testing/Training) window. The title bar reads "Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)". The menu bar includes "Help", "Return", "Exit", and "Window". The toolbar contains various icons for file operations and navigation. The main window title is "Air Resource Management System - Emission Unit Programs".

The form displays the following fields:

- POINT:** AIRS ID 0010001, STATUS A, OFFICE NED, NE: JACKSONVILLE
- SITE NAME:** U OF FL COGEN, COUNTY ALACHUA
- OWNER/COMP:** FLORIDA POWER CORPORATION D/B/A PROGRESS
- EU ID:** 001, GE LM6000-PA Combustion Turbine, ST A

Below these fields is a table with the following columns: Program ID, Description.

Program ID	Description
6	PSD
9	NSPS
A	Acid Rain Unit
HG	Hg Budget Unit

At the bottom of the window, there is a status bar with the text "Enter the Program Code" and "Record: 5/5".

Note: this is where Acid Rain unit is marked.

reGulation

The **reGulations** menu selection will produce the **Emissions unit Regulation** form for the current emissions unit. The regulations that apply to the active facility's emission units can be viewed here.

To modify the applicable emission unit regulations, use the **Emissions Unit Regulations** form.

1. In the **Type** field, enter the type of regulation **[F]**ederal, **[S]**tate, or **[L]**ocal.
3. Enter the Registration number
4. Press **[Ctrl+F6]** or save button to save changes.

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

reGul desc reg Pollutant Help Return eXit Window

ORACLE

Air Resource Management System - Emission Unit Regulation

POINT AIRS ID 0090010 STATUS A OFFICE CD County BREVARD Site Name TRADEMARK METALS Owner/Comp TRADEMARK METALS EU ID 001 Regulation AUTO/METAL SHREDDER ST A

Type *	Regulation
S	62-296.320(4)(B)1, FAC
S	62-296.310(2)

Enter the REGULATION TYPE: [F]ederal [S]tate [L]ocal
Record: 1/2

The following menu options are available:

reGul desc	A brief description of the regulation is shown.
reg Pollutant	Provides a brief description of the pollutant.
Return	Returns the user to the previous screen.
eXit	Returns the user to the main facility.

reg Pollutant

When the emission unit regulation has an associated pollutant, the **reg Pollutant** menu provides a brief description of the pollutant. This association is established in the Emission Unit Pollutant Allowable portion of ARMS. If the Basis of the Allowable Emission for the pollutant is designate as Rule the *Regulation* field will be accessible. The list of values available for the association is the rules established in the *Regulation* form.

psD

The **psD** menu option in the **Update** pull-down menu allows capability to enter, update, or view the Prevention of Significant Deterioration data for the emission unit. Enter the information, if available in the fields described below.

Comment	Comments regarding PSD information for the active emission unit.
ICE Code PM	[I]ncremental [C]onsuming [E]xpanding Code for the pollutant PM.
ICE Code SO2	[I]ncremental [C]onsuming [E]xpanding Code for the pollutant SO2.
ICE Code NO2	[I]ncremental [C]onsuming [E]xpanding Code for the pollutant NO2.
Emis Ton/Yr	Emissions entered in tons per year .
Emis Lb/Hr	Emission entered in pounds per hour .

POINT	AIRS ID	STATUS	OFFICE	CD	Cen:
	0090010	A			ORLANDO

SITE NAME	COUNTY
YORKE DOLINER & COMPANY	BREVARD

OWNER/COMP
TRADEMARK METALS RECYCLING

EU ID	AUTO/METAL SHREDDER	ST
001		A

Comment

ICE Code	Emis Ton/Yr	Emis Lb/Hr
PM		
SO2		
NO2		

Entering or Updating PSD Information

1. Enter the new data or update the existing data. Advance to the next field by clicking the field or tabbing to the field.
2. Press **[Commit/Accept]** to save changes to ARMS.
3. Press **Return** from the menu bar and navigate to the previous screen, or select **eXit** from the menu bar to return to the Inventory Maintenance menu.

Note: **Return** on the Menu bar will navigate back one screen. **Exit** will return the user to the main Facility.

segMent

The **segMent** option from the **Update** menu allows entry, update, and view capabilities for the data pertaining to the segment of a facility emission unit. The active facility and associated emission unit are visible on the header at the top of the screen.

By selecting the **segMent** option on the update pull down menu bar, ARMS brings up the **Segment Process/Fuel List** that includes the **SCC number**, **Status**, and **Description** of the segment. The segMent menu options are as follows:

Query all	Allows navigation through the more detailed information relating to each segment.
Add a segment	Brings up a blank detailed segment screen for additional segment entry.
Return	Returns to the previous screen.
eXit	Returns to the first form chosen for viewing upon entry into the ARMS database.

The screenshot shows the 'Air Resource Management System - Emission Unit Segment' window. The header displays facility information: POINT, AIRS ID (0090010), STATUS (A), OFFICE (CD), Cent (ORLANDO), SITE NAME (YORKE DOLINER & COMPANY), COUNTY (BREVARD), and OWNER/COMP (TRADEMARK METALS RECYCLING). Below this, the selected emission unit is shown: EU ID (001) and AUTO/METAL SHREDDER. The main table lists segments with columns for No, SCC, Status, and Description. Segment 2 is highlighted in blue.

No	SCC	Status	Description
2	3-14-011-01	A ACTIVE	Industrial Processes
			Transportation Equipment
			Auto Body Shredding
			Primary Metal Recovery Line
1	3-04-999-99	I INACTIVE	Industrial Processes
			Secondary Metal Production
			Other Not Classified
			Specify in Comments Field

Viewing segment details

To navigate through the list of segments associated with an emission unit, use the **[Up]** or **[Down]** arrow keys to highlight the segment or click the field. Press **[Enter]** to navigate to a more detailed segment screen.

Once a segment has been chosen, the segment detail screen is displayed and a new menu bar is available with the following options.

History	View the History of the segment. This screen is a view only.
Return	Return to the previous screen.
eXit	Returns to the Facility Maintenance Menu.

The screenshot shows the Oracle Air Resource Management System - Segment screen. The menu bar includes History, Help, Return, eXit, and Window. The title bar says "Air Resource Management System - Segment". The main form contains the following fields:

- POINT**: AIRS ID 0090010, STATUS A, OFFICE CD, Cen: ORLANDO
- SITE NAME**: YORKE DOLINER & COMPANY, COUNTY BREVARD
- OWNER/COMP**: TRADEMARK METALS RECYCLING
- EU ID**: 001, AUTO/METAL SHREDDER, ST A
- SCC**: 3-14-011-01, Segment No 2
- EPA DESC**: Industrial Processes, Transportation Equipment, Auto Body Shredding, Primary Metal Recovery Line
- Unit**: Tons of Scrap Processed, mmbtu/SCC Unit
- Status**: A ACTIVE, Annual Proc/Fuel Usage Rate 134005.00, Yr 2000
- Max Hourly Rate**, **Hourly Rate Limit**, **Max Annual Rate**, **Annual Rate Limit** 374400.00
- Max Percent Sulfur**, **Percent Sulfur Limit**, **Est Annual Activity**, **Max Percent ASH**
- Comment**: Max permitted process weight rate per 12 consecutive months

Entering a new Segment into the current Emission Unit

Enter the fields that are appropriate.

SCC	Source Classification Code
DESC	SCC description
Mmbtu/ SCC Unit	Million Btu per ton per SCC unit
Status	Active or Inactive
Max Hourly Rate	Maximum hourly rate
Hourly Rate Limit	Hourly rate limit
Max Annual Rate	Maximum annual rate
Annual Rate Limit	Annual rate limit
Max Percent Sulfur	Maximum percent of sulfur <i>amount must be less than or equal to 100.</i>
Percent Sulfur Limit	Percent sulfur limit <i>amount must be less than or equal to 100.</i>
Est Annual Activity	Estimate annual activity
Max Percent ASH	Maximum percent of ash <i>amount must be less than or equal to 100.</i>
Comment	Segment Comment field

Press **[Commit/Accept]** to save changes to ARMS.

Note: If there are additional segments associated with this emission unit they will be listed on the status bar. If this is the case, scroll through the records by pressing the **[Up]** or **[Down]** arrow keys.

Adding a segment

The more detailed Segment screen is used for maintenance of the emission unit segment information. The active facility and emission unit is displayed in a header at the top of the screen.

1. Select to **Add a Segment** from the menu bar.
2. Enter an **SCC number**.
3. Enter **mmbtu per SCC Unit**.
4. Enter the **Status** code.
5. Enter the **Max Hourly Rate**.
6. Enter **Hourly Rate Limit**.
7. Enter the **Max Annual Rate**.
8. Enter the **Annual Rate Limit**.
9. Enter the **Max Percent**. *The amount entered must be less than or equal to 100.*
10. Enter the **Percent Sulfur Limit**. *The amount entered must be less than or equal to 100.*
11. Enter the **Est Annual Activity**.
12. Enter the **Maximum Percent ASH**. *The amount entered must be less than or equal to 100.*
13. Enter the comments into the **Comment** field.
14. Press **[Commit/Accept]** to save changes to ARMS.

Note: If a facility changes a fuel used, the fuel no longer used must be Inactivated. A history record will be created to document the reason for the change from Active to Inactive.

Source History

The **History** option on the **Segment** menu bar allows viewing of historical records of the active emission unit segment data. A form to track the history will appear any time the record is changed, for example, if a segment is inactivated due to a change in the fuel used. Select History from the menu. The segment history information is for viewing only and is not an updatable screen.

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

Update reason Help Return eXit Window ORACLE

Air Resources Management System - Emission Unit History

CURRENT			
Date *	User	Status	Description
06/06/2008	LIVINGSTON_	A	AUTO/METAL SHREDDER

HISTORY			
12/10/1996	SOBOLEVSKI	I	DRY PROCESS AUTO/METAL SHREDDER
09/17/1996	SOBOLEVSKI	A	DRY PROCESS AUTO/METAL SHREDDER
01/01/1960	ARMS		DRY PROCESS AUTO/METAL SHREDDER

Comments: new permit

Enter value for : TIME_STAMP

Record: 1/3

Note: **Return** on the Menu bar will navigate back one screen. **Exit** will return the user to the main Facility.

supplemental

The emission unit **supplemental** Update menu option provides the description and location of the supplemental information. *Documents such as spreadsheets, maps, etc. would normally be provided by the facility during the application process and will be stored within the Electronic Permit and Processing System* . However, the information contained on the Emission Unit Supplemental Information form may be updated.

To update or add supplemental information:

1. ARMS will place the cursor in the **Supplemental Code** column. Notice **[Ctrl+L]** appears in the lower right hand corner indicating that ARMS provides a list of code values for the different types of supplemental information. Press the **[List]** key to access the list. Select from the menu with the **[Up]** or **[Down]** keys and then click **[OK]** to enter the selection.
2. At the **Location** prompt enter **N/A** if the location is not applicable, **Waived** if a request was granted by the department to waive the supplemental information requirement, or enter a **valid** file name (**xxxxxxxx.xxx**).

Help Return eXit Window ORACLE

Air Resource Management System - Emission Unit Supplemental Information

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO ARMINV60

SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD

OWNER/COMP TRADEMARK METALS RECYCLING

EU ID 001 AUTO/METAL SHREDDER ST A

Supplemental Code * Location *

coNtrol equip

The **coNtrol equip** option from the emission unit update menu bar will display the Control Equipment **Description & Status** screen for the active facility emission unit. Select this option to add, update, or delete control equipment associated with an emission unit. If there is more than one control equipment record, a number (example 1/5) will be displayed on the status line. To view the additional records, press the **[Up]** or **[Down]** arrow keys.

To Enter Control Equipment

1. Enter the control equipment **Method Code**. This data will populate fields in the Pollutant form and the AOR Segment Pollutant field.
2. Enter the **Description** of the control equipment.
3. Enter the **Manufacturer Model Number** and **Serial Number** for the control equipment.
4. Press **[Commit/Accept]** or **[Ctrl+F6]** to save changes to ARMS.

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

eu Details Emission Unit Pollutant VE AOR/SIP Com monitor Compl Assur Help Return eXit Window ORACLE

Mr Resource Management System - Emissions Unit

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO

SITE NAME TRADEMARK METALS COUNTY BREVARD

OWNER/COMP TRADEMARK METALS

Description & Status

Emission Unit ID 001 Status * A Active Oz SIP Base Yr Unit

Description * AUTO/METAL SHREDDER

EU Class * R Regulated Emissions Unit

Control Equipment

Method Code * 7 CENTRIFUGAL COLLECTOR HIGH EFFICIENCY (95.0-99.9%)

Description

Manufacturer Model Number Serial Number

Enter Control Equipment Method Code

Record: 1/1

To Enter Additional Control Equipment

1. Press **[Ctrl+I]** to insert a record.
2. Enter the control equipment **Method Code**.
3. Enter the **Description** of the control equipment.
4. Enter the **Manufacturer Model Number** and **Serial Number** for the control equipment.
5. Press **[Commit/Accept]** to save changes to ARMS.

Note: To cancel entry, click delete record, which will close the screen.

Schedule

The Emission Unit Operating Schedule screen maintains all maximum and permitted schedules with their values. The schedule types are as follows:

Hours/Day	Hours per day
Days/Week	Days per week
Weeks/Year	Weeks per year
Hours/Year	Hours per year

To enter an Operating Schedule

1. Click **Add Schedule** on the menu bar.
2. Use the **[Up]** and **[Down]** arrow keys to navigate to the desired operating schedule or click the field.
3. Enter the value associated with the operating schedule in the **Value** field.
4. Press **[Commit/Accept]** to save information to ARMS.

Maximum Operating Schedule		Value
HY	Hours/Year	2496

Note: **Return** on the menu bar will navigate back one screen. **Exit** will return the user to the main Facility.

chg emis Point

Change the emission point for the emission unit by utilizing the **chg emis Point** option on the EU Details menu. This option assigns an existing emission point to an emission unit. A list of applicable emission points and their corresponding description is provided.

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

eu Details Emission pnt Pollutant VE AOR/SIP Con monitor Compl Assur Help Return exit Window ORACLE

Air Resource Management System - Emissions Unit

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO ARMINV51

SITE NAME TRADEMARK METALS COUNTY BREVARD

OWNER/COMP TRADEMARK METALS

Description & Status

Emis Unit ID 001 Status A Active Oz SIP Base Yr Unit

Description AUTO/METAL SHREDDER

EU Class R Regulated Emissions Unit

Emission Point

Emission Point

Stack No 001 Identification

Record: 1/1 List of Valu...

To change the emission point, use the following procedure.

1. Select **chg emis Point**.
2. In the **Stack No** field, press **[Ctrl+L]** and a list of available emission points will appear.
3. Click **[OK]**.
4. Press **[Commit/Accept]** to save data to the database.

The appropriate **Stack No** and **Description** will appear in the emission point form.

Similar EU

The **Similar EU** option has three menu options.

- Show similar EU** This option brings up a list of emission unit linked to the active facility emission unit. **Note:** a message will appear if no emission units are designated as similar.
- Asgn Similar EU** This option links emission units with common emission points.
- Unlink similar EU** This option separates emission units that were previously linked.

Show Similar EU

The **Show similar EU** menu option retrieves a list of emission units with an emission point in common with the active facility emission unit. The active facility and emission unit is listed on the header on the top of the screen. The list contains two fields.

- EU No** The emission unit number of the emission units linked to the active facility emission unit.
- Description** The corresponding description of the emission unit number.

The screenshot displays the 'Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)' interface. The main window is titled 'Air Resource Management System - Emissions Unit'. It contains several fields for data entry, including 'POINT', 'AIRS ID' (0090010), 'STATUS' (A), 'OFFICE' (CD), 'Cen: ORLANDO', 'SITE NAME' (TRADEMARK METALS), 'COUNTY' (BREVARD), and 'OWNER/COMP' (TRADEMARK METALS). Below these fields is a 'Description & Status' section with 'Emis Unit ID' (001), 'Status' (A), 'Active', and 'Oz SIP Base Yr Unit'. The 'Description' field contains 'AUTO/METAL SHREDDER' and the 'EU Class' is 'R' (Regulated Emissions Unit). A 'Similar Emission Unit' window is open, showing a table with two columns: 'EU ID' and 'Description'. The table contains one entry: '004' and 'WET PROCESS AUTO-METAL SHREDDER'. The bottom status bar indicates 'Record: 1/1'.

Asgn similar EU

The **Asgn similar EU** menu option provides a means to link emission units with a similar emission point to the active facility emission unit. When the option is chosen, a list of available emission units appears. Follow these steps to link the emission units.

1. At the **Assign Similar Eu list**, highlight the desired emission unit by clicking the desired field.
2. Press **[Commit/Accept]** to save the changes to ARMS.

Note: View the changes made through the **Assign Similar Eu** list through the **Show Similar EU** menu option.

Unlink similar EU

The **Unlink similar Eu** Option allows the capability to unlink emission units, which no longer have common emission points. Simply select the menu option while within the active facility emission unit desired. The active facility will no longer be linked with any other emission unit. See the **Show similar EU** menu option to ensure that the changes were made to ARMS

pErmitt

Access the permit information for permits that have been linked to the current emissions unit using the **eu details pErmitt** menu option. This will navigate to a scroll list that lists the permits linked to the emission unit. This will not only navigate to information stored in ARMS permitting module, but also the permit information that was contained in the PATS system.

Permit Category	Permit Number	Office	Issued Dt	Expiration
A02A	AO 005189164	CD	04/24/1991	03/25/1996
A099	AO 005111877	CD	01/24/1986	
Air Construct	AC 0090010-003-AC	CD	06/05/2000	10/30/2003
Air Construct	AC 0090010-004-AC	CD	08/25/2000	10/30/2003
Air Construct	AC 0090010-005-AC	CD	03/07/2001	10/30/2003
Air Operate	AO 0090010-006-AO	CD	07/24/2001	07/30/2006
Air Operate	AO 0090010-007-AO	CD	05/22/2006	05/15/2011

- Permit Category** The type of permit that was requested (i.e. Air Construct, Air Operation etc.)
- Permit Number** The permit number assigned upon issuance of the permit.
- Office** The office responsible for issuing the permit.
- Issued Date** The date the permit was issued.
- Expiration** The date the permit expires.

To navigate to the permit details of the permit request, press **[Enter]**. This will navigate to the details of the permit request. To view more information, see the *Permitting Module*.

Source History

Emission Unit History will retrieve historical Status information with regard to the current Emission Unit Pollutant. The historical information shown includes:

Date	The date the status became effective.
User	The name of the user who updated the record.
Status	The Emission Unit Status.
Description	Emission Unit Description.

The History record is view only. This information cannot be updated.

Help Return eXit Window ORACLE

Air Resources Management System - Emission Unit History

CURRENT			
Date *	User	Status	Description
07/27/2001	OPSSLAISURE	A	AUTO/METAL SHREDDER

HISTORY			
Date	User	Status	Description
12/10/1996	SOBOLEVSKI	I	DRY PROCESS AUTO/METAL SHREDDER
09/17/1996	SOBOLEVSKI	A	DRY PROCESS AUTO/METAL SHREDDER
01/01/1960	ARMS		DRY PROCESS AUTO/METAL SHREDDER

Comments new permit

eU reports

In some permits, there may be requirements for tests and reports that may need to be tracked, but don't fit into the normal structure of the database. These reports may be entered in the **eU reports** form.

The screenshot shows the Oracle Air Resource Management System - Emission Unit Periodic Report Details form. The form is titled "Air Resource Management System - Emission Unit Periodic Report Details" and includes the Oracle logo. The form contains the following fields:

- POINT: []
- AIRS ID: 0090010
- STATUS: A
- OFFICE: CD
- Cen: ORLANDO
- SITE NAME: YORKE DOLINER & COMPANY
- COUNTY: BREVARD
- OWNER/COMP: TRADEMARK METALS RECYCLING
- EU ID: 001
- AUTO/METAL SHREDDER
- ST: A
- Periodic Rpt*: []
- Status: []
- Rpt Freq*: []
- Future Eff Dt: []
- Freq Base Due Dt: []
- # of EU Reports: []
- Allow: []
- Basis Allowable: []
- Regulation: []
- Comment: []

Periodic Rpt	Press [List] to see a list of Periodic reports available.
Status	The status of the report.
Future Eff Dt	The future effective date.
Rpt Freq	Press [List] to see a list of the codes for the report frequencies.
Freq Base Due Dt	Enter the frequency base due date.
# of EU Reports	The number of EU report records entered for this facility.
Allow	The Allowable information for this particular report.
Basis Allowable	The basis of the allowable report. Press [List] for the list of Values.
Regulation	If the basis of the allowable is rule, cite the rule here.
Comment	The comments associated with the report.

E. U. Report

To enter an emission unit report record from the Periodic Reports form select **E.U. report**. Enter the information into the fields and press **[Commit/Accept]**.

The screenshot shows the Oracle Air Resource Management System - Emission Unit Periodic Report form. The form is divided into several sections with various input fields. At the top, there are fields for POINT, AIRS ID (0090010), STATUS (A), OFFICE (CD), and Cen: ORLANDO. Below these are fields for SITE NAME (YORKE DOLINER & COMPANY), COUNTY (BREVARD), and OWNER/COMP (TRADEMARK METALS RECYCLING). The next section contains EU ID (001), AUTO/METAL SHREDDER, and ST (A). The Periodic Rpt field is set to "Other various odd limitations in Permits". The Status is set to "A ACTIVE". The Rpt Freq is set to "1 ANNUALLY". The Freq Base Due Dt is set to "01/01/2003". The Rpt Due Dt is set to "01/01/2003". The Result * field has a checkbox. The Receive Dt, Review Dt (01/30/2002), and Next Rpt Dt * fields are also present. At the bottom, there are fields for Allow, Actual *, and Comment.

Rpt Due Dt	The Periodic Report's Due Date
Result	The result of the testing [P]ass or [F]ail .
Receive Dt	The receive date of the Emission Unit Periodic Report.
Review Dt	The review date of the Emission Unit Periodic Report.
Next Rpt Dt	The date the next report date is due.
Allow	The allowable information associated with the report.
Actual	The actual result of the report.
Comment	The comments associated with the emission unit periodic reports.

Emission pnt

The Emission Point form, displays the basic Facility identification information, information regarding the emission unit, and specific data about the Emission Point.

Type	The Emission Point Type code that describes the emission point.
Stack No.	The stack number assigned to the emission point.
Identification	This is the description of the Emission Unit that is associated with the <i>Stack No.</i>
Water Vapor%	This is the percent of the emission that is water vapor.
GEP Height	This is the Good Engineering Practice stack height in feet.
Exit Temperature	This is the exit temperature of the stack in degrees Fahrenheit.
Flow Rate	The flow rate for the stack <i>acfm</i> .
Stack height	This is the height of the stack in feet.
Exit Diameter	This is the exit diameter in feet.
Utm Zone	This is the Utm Zone and the <i>Easting</i> and <i>Northing</i> .
East	
North	

Choose options from the menu bar. Use the arrow keys or click the desired field and press [Enter].

common EU	View Emission units that have a common emission point.
Emis pnt desc	Shows the description of the Emission pnt.
Return	Returns the user to the previous screen.

Common EU

The Common EU screen for Emission Points allows the user to view Emission Units, which have the current Emission Point in common. This means that there is more than one emission unit for a given emission point. The following Emission Unit information is shown:

EU No	The Emission Unit number.
Description	The description of the Emission Unit.

The **Common EU** form is view only.

Choose Common EU from the menu bar. Use the arrow keys to move the highlighted area to your desired selection or click the field and press **[Enter]**.

common EU	View Emission units that have a common emission point.
Emis pnt desc	Shows the description of the Emission pnt.
Return	Returns the user to the previous screen.

Emis pnt desc

The Emis pnt desc screen will show the description of the Emission Point. In the case of a Type 3 Emission Point, point number and description may be entered/viewed for each individual point comprising the representative point stored as the Emission Point. The description information shown is:

Pnt	A system generated number to designate the point.
Description	The description of the emission point.
Status	The status of the Emission Point or specific point [(A)ctive or (I)nactive] .

Pnt	Description *	Status
	This is emission point 1.	A ACTIVE
	This is emission point 2.	A ACTIVE

The cursor will be placed in the Description field.

Inserting new descriptions.

1. Press **[Ctrl+I]**.
2. Type the description and press **[Enter]**.
3. Enter the status **[A]ctive** or **[I]nactive** and press **[Enter]**.
4. To save additions press **[Commit/Accept]**.

Changing the Status.

1. Press **[Enter]**.
2. Press **[A]ctive** or **[I]nactive**.
3. Press **[Commit/Accept]**.

Pollutant

Oracle
Air Resource Management System - Emission Unit Pollutant

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO
SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD
OWNER/COMP TRADEMARK METALS RECYCLING
EU ID 001 AUTO/METAL SHREDDER ST A

Pollutant	Status
CO Carbon Monoxide	I INACTIVE
NOX Nitrogen Oxides	I INACTIVE
PM Particulate Matter - Total	A ACTIVE
PM10 Particulate Matter - PM10	A ACTIVE
SO2 Sulfur Dioxide	I INACTIVE
VOC Volatile Organic Compounds	I INACTIVE

View any of the pollutant records by using the **[Up]** or **[Down]** keys and then pressing **[Enter]** on the desired selection. This procedure will navigate to the Emission Unit Pollutant screen.

- Query all** Views each pollutant record in the pollutant description form. Use the **[Up]** and **[Down]** arrow keys to navigate from pollutant to pollutant.
- Add a poll** Navigates to a blank pollutant form to begin entering a new pollutant record.
- Return** Returns the operator to the previous screen.
- Exit** Navigates to the point of entry into ARMS forms.

Pollutant Screen

Choose and click options from the menu bar or press the capitalized letter.

Allowable	View one or more of the allowable emissions records.
poll Test	View the results of test for the current pollutant or add a new test.
test Meth	The method used to test for pollutants.
History	View historical pollutant information.
Return	Returns to the previous screen.
Exit	Navigates to the point of entry into ARMS.

The screenshot shows the Oracle Air Resource Management System - Emission Unit Pollutant screen. The menu bar includes: Allowable, poll Test, test Meth, History, Help, Return, eXit, Window. The title bar says: Air Resource Management System - Emission Unit Pollutant. The main form contains the following fields:

- POINT: ARMINV71
- AIRS ID: 0090010
- STATUS: A
- OFFICE: CD
- County: BREVARD
- Cen: ORLANDO
- SITE NAME: YORKE DOLINER & COMPANY
- OWNER/COMP: TRADEMARK METALS RECYCLING
- EU ID: 001
- AUTO/METAL SHREDDER
- ST: A
- Pollutant *: CO Carbon Monoxide
- Status *: INACTIVE
- # Allow: 000
- % Control Efficiency:
- Pri Cont:
- Sec Cont:
- Reg Class:
- Potential Emission: Lb/Hr, Ton/Yr, Synth Ltd:
- Emission Method:
- Emission Factor:
- Act Emis: 0.170000 Tons/Yr
- Year: 1989
- Unit:
- Emis Calculation:
- Emis Fac Ref:
- Est Fugitive Lower:
- Upper:
- Tons/Yr:
- Pollutant Comment:

The Emission Unit Pollutant screen displays the basic Emission Unit Pollutant information for a specific pollutant with regard to the current Emission Unit. The information shown includes the pollutant identification, control equipment information, and emission information. At this screen, current Emission Unit Pollutant data may be viewed or anew Emission Unit Pollutant information added. The following data elements are mandatory entries to add a new Emission Unit Pollutant:

Pollutant	The Pollutant emitted.
Status	The emission status of the pollutant.
# Allow	The number of allowable conditions on the pollutant
% Control Efficiency	The control efficiency in percentage.
Pri Cont	The primary control device.
Sec Cont	The secondary control device.
Reg Class	The regulatory classification of the pollutant. [Ctrl+L]

Allowable poll Test testMain History Help Return eXit Window ORACLE

Air Resource Management System - Emission Unit Pollutant

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO

SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD

OWNER/COMP TRADEMARK METALS RECYCLING

EU ID 001 AUTO/METAL SHREDDER ST A

Pollutant * CO Carbon Monoxide

Status * INACTIVE # Allow 000 % Control Efficiency

Pri Cont Sec Cont

Reg Class

Potential Emission Lb/Hr Ton/Yr Synth Ltd

Emission Method

Emission Factor Act Emis 0.170000 Tons/Yr Year 1989

Unit Emis Fac Ref

Emis Calculation

Est Fugitive Lower Upper Tons/Yr

Pollutant Comment

Potential Emission

The potential emission for the pollutant in **Tons per Year** or **Pounds per hour**.

Synth Ltd

Are the Emissions from this unit Synthetically Limited? **Y** or **N**?

Emission Method

Press **[List]** to select the proper Emissions Method Code.

Emission Factor

The emissions factor for this pollutant.

Act Emis

The actual emissions of this pollutant.

Year

The year the actual emissions data was collected.

Unit

The unit of measurement of the pollutant emissions.

Emis Fac Ref

The emission factor reference for the emissions of the pollutant.

Emis Calculation

The emission Calculation.

Est Fugitive Lower

The lower value of the estimated fugitive emissions of this pollutant in tons per year.

Upper

The upper value of the estimated fugitive emissions of this pollutant in tons per year.

Tons/Yr

The unit of measurement for the estimated upper and lower fugitive emissions.

Pollutant Comment

The comments pertaining to the pollutant.

Allowable

View allowable emissions including test frequency and monitoring requirements for the current pollutant using the **Allowable** menu option.

Future Eff Date	The date the allowable will become effective.
Allow Seq	This is a system generated sequence number for the allowable records.
# of Tests	This is a system generated sequence number for the number of pollutant test records associated with this allowable.
Allow Emission Unit	The permitted emission limitation for this pollutant.
Equivalent	The unit of measurement associated with the allowable emission.
Compliance Meth	The equivalent emissions in Lb/Hr and Ton/Yr .
Basis Allowable Regulation	The compliance method.
	The basis for the allowable emission. [Ctrl+L]
	The regulation associated with the allowable limitation if the basis for the allowable is Rule .
Compl Meth Code	The method used to test for compliance with the allowable limitation.
Compl Test Freq	The frequency that the compliance tests should be performed.
Freq Base Date	The date established to determine the next compliance test date.
Allow Comment	The Comments associated with the allowable record.

The screenshot shows the Oracle ARMS interface. The main window is titled 'Air Resource Management System - Emission Unit Pollutant'. It contains several fields for site and equipment information. The 'Allowable' sub-window is open, displaying a form for entering allowable emission data. The form includes fields for Future Eff Date, Allow Seq, # of Tests, Allow Emission, Unit, Equivalent, Lb/Hr, Ton/Yr, Compliance Meth, Basis Allowable, Regulation, Compl Meth Code, Freq Base Date, and Allow Comment.

Enter an allowable.

1. Press **[Ctrl+I]** to insert.
2. Enter the applicable information.
3. Press **[Commit/Accept]** to save information to ARMS.

poll Test

This option navigates to the pollutant test information for the active emission unit. Enter **Pollutant Test** information by selecting **poll Test** from the **Emission Unit Pollutant** menu bar. A pull down menu will appear with these options:

- All Tests** Retrieves all of the Pollutant test records for the facility emission unit for a particular pollutant. If there is no asterisk **[*]** present beside the **Count** on the *Status line*, use the **[Up]** and **[Down]** arrow keys to navigate to the additional Pollutant Test records or click.
- By Allowable** Retrieves a list of pollutant tests *by allowable sequence* for the facility's emission unit for a particular pollutant.
- No Allowable** Retrieves all pollutant test records that have no allowable emission entry for the emission unit for a particular pollutant. If there is no asterisk **[*]** present beside the **Count** on the *Status line*, use the **[Up]** and **[Down]** arrow keys to navigate to the additional Pollutant Test records with no allowable emission entry or click.

Selecting one of these menu options navigates to the pollutant test information. View the data presented, update existing data, or enter additional pollutant test results.

The fields associated with this form are as follows:

- Pollutant** Indicates the pollutant associated with the pollutant test. *The pollutants that are contained on the list of values are the pollutants that have been established in the facility emission unit record.*
- Allowable Seq** This is the allowable emissions sequence number. *This number is a system generated number which represents the allowable information associated or available for association to this pollutant test record.*
- Comp Test Fr** The Compliance Test Frequency information is established within the Allowable portion of the facility record.
- Freq Base Date** The Frequency Base Date is established within the Allowable portion of the facility record.
- Test Date** The date the Pollutant Test was conducted.
- Audit Type** Type of Audit performed. Press **[Ctrl+L]** to obtain a list of values.
- Result** **[P]**ass, **[F]**ail, **[I]**dentical Unit Test, or **[N]** Inconclusive pollutant test.
- Receive Dt** The date the test data was received.
- Review Dt** The date the test data was reviewed.

Next Test Dt	The next scheduled test date.
Test Meth	This is the test method that is established in the Allowable emissions portion of the emission unit pollutant information.
Team	This field contains the a list of test team names. Press [List] to select from the list of values.
Test Allow	This field is the Test Allowable Emission. It is established in the Allowable emissions portion of the emission unit pollutant information.
Actual	This field represents the Actual Emissions found during the Pollutant test.
(Actual)Unit	This field corresponds to the Actual field by providing the Unit of Measurement.
Permit Allow	This represents the allowable emissions limits contained in the Facility Permit.
(Permit) Unit	This field corresponds to the Permit Allow field by providing the Unit of Measurement.
% of Test Actual	This represents the percent difference between the actual and the test emissions.
Above/Below	The value in this field is automatically calculated when the data is committed
Test Allow	
Comment	Insert comments regarding the pollutant test information in this field.

To Insert Pollutant Test Record:

1. Go to the Compliance assurance module in ARMS and query the TRPT activities for the desired facility through the Facility Activity List option.
2. At the Facility Activity List, press **[Ctrl+I]** to insert a new compliance activity.
3. Follow the instructions listed in the Compliance Activity Detail portion of the Test and Reports section.
4. Once the activity has been created, go to the Activity menu option and select **Inventory Detail**.

EU ID	Stat	Description
001	A	AUTO/METAL SHREDDER

5. A scroll list of the emission units that are defined as objects in the activity will appear. Highlight the desired emission unit and press **[Enter]** to select.
6. A blank form will be displayed for entry of the test and reports data. Enter the data and press **[Ctrl+F6]**.

7. Return to the activity detail. Access the menu bar and select Activity and then **Inventory Detail** from the pull down menu. The scroll list will be displayed with the emission units defined as objects.
8. Repeat step 6 and 7 until all the objects in the activity have test results recorded in the Pollutant Test portion.

[illegible]

Additional Menu Options

poll Test Chg fac/poll Qper rates Activity poll inv Link Help Return exit Window										ORACLE
AIRS ID * 0090010 STATUS A OFFICE CD Cen: ORLANDO										ARMINV72
OWNER/COMP TRADEMARK METALS RECYCLING SITE YORKE BOLINER & COMPANY										
EU ID * 001 AUTO/METAL SHREDDER ST A										
CA		Activity		Due		Done		CS		
Pollutant PM Particulate Matter - Total Allow Seq										
Comp Test Fr Freq Base Dt										
Test Date * 04/12/1996 Audit Type * 2 Witnessed Part of Test & Test Repl Result * P										
Receive Dt 05/24/1996 Review Dt 06/13/1996 Next Test Dt 07/30/2001										
Test Point Team 99 Other (Specify in Comments)										
Test Allow 35.560000 Unit PH POUNDS/HOUR										
Actual 2.730000 Unit										
Permit Allow % of Test Actual Above/Below Test Allow -92.32										
Comment Test Team - Harding Lawson and Assoc.										

poll Test	Pollutant test.
Chg fac/poll	Change the active facility or the active pollutant test record.
Oper Rates	Shows the test rates associated with the current test record.
Violation	View or enter Enforcement projects associated with the facility.
Create viol	Create a violation.
Browse viol	Browse though all violations.
Compliant	See all complaints on the violations.
Return	Returns to the previous screen.
Exit	Navigates to the point of entry into ARMS.

Chg fac/poll

Change the Facility and Emission Unit and navigate directly its Pollutant test data for that Emission Unit using the **Chg fac/poll** menu option rather than returning to the main facility form and starting over. Select an AIRS ID to navigate to a new facility and select an emission unit, or select a new emission unit for the active facility.

This option will give the user the chance to change the current pollutant. The user will be able to enter a new AIRS ID with the **[Ctrl+L]** command.

Emission Unit number can also be changed if the [Ctrl+L] in the record is the same as that of the AIRS ID record.

The screenshot shows the Oracle Air Resource Management System - Emission Unit Pollutant Test window. The window has a menu bar with options: poll Test, Chg fac/poll, Oper rates, Activity, poll Inv, Link, Help, Return, exit, Window. The main form contains the following fields and sections:

- AIRS ID ***: 0570057
- STATUS**: A
- OFFICE**: SWHI
- SW: HILLSBOROUGH**
- OWNER/COMP**: Emission Unit
- EU ID ***:
- CA**:
- Act**: Find 0%
- Polluta**:
- Comp Test**:
- Test Dates**:
 - Test Date ***:
 - Receive Dt**:
 - Test Point**:
 - Test Meth**:
- Test Allow**:
 - Test Allow**:
 - Actual**:
 - Unit**:
 - Permit Allow**:
 - Unit**:
 - % of Test Actual Above/Below Test Allow**:
 - Comment**:

The **Find** button is highlighted in the bottom right corner of the form.

002	THREE 52 TON MELT KETTLES W/ BGHSE ONLY 2 OPERATE	A
004	BAGHOUSE FOR SLAG/LEAD TAP BLAST FURNACE-SLAG TAP	A
006	BGHSE CONTROLS CHARGING OF BLAST FURNACES(PT#1) SK	A
007	CRUSHER OPERATION WITH BAGHOUSE	A
008	SODA ASH SILO WITH BAGHOUSE	A
009	BUILDING ENCLOSURE	A

Oper Rates

The screenshot shows the Oracle ARMS - Emission Unit Pollutant Test window. The top menu bar includes: poll Test, Chg fact/poll, Oper rates, Activity, poll Inv, Link, Help, Return, exit, Window. The title bar says ORACLE. The main window has a toolbar with various icons. Below the toolbar, the window is titled "Air Resource Management System - Emission Unit Pollutant Test".

The form contains the following fields:

- AIRS ID * 0090010 STATUS A OFFICE CD Cen: ORLANDO
- OWNER/COMP TRADEMARK METALS RECYCLING SITE YORKE DOLINER & COMPANY
- EU ID * 001 AUTO/METAL SHREDDER ST A
- CA Activity Due Done CS
- Pollutant PM10 Particulate Matter - PM10 Allow Seq
- Comp Test Fr Freq Base Dt

The "Test Rates" section is expanded, showing a table with the following columns: TEST RATES, Maximum, Actual, and Units.

TEST RATES	Maximum	Actual	Units
Process Rate	150		TONS/HR
Production Rate			
Heat Input Rate			mmBTU/Hour
Flow Rate			dscfm
Incineration Rate			Lb/Hour
			Ton/Day

Enter the **Operation Rates** for the emission unit by navigating to the **Oper rates** menu option. The test rates are listed with the **Maximum**, the **Actual**, and the **Units** for each. Enter the required test data in the **Actual** field. The information contained in the **Maximum** field is pulled from other sources in ARMS and is read only data.

Process Rates	The maximum and actual Process Rates and their unit of measurement.
Production Rates	The maximum and actual Production Rates and their unit of measurement.
Heat Input Rate	The maximum and actual heat input rate in mmBTU per hour.
Flow Rate	The maximum and actual Flow Rate in dscfm.
Incineration Rate	The maximum and actual Incineration rate in pounds per hour and tons per day.

Activity

The violation option on the menu bar has two pull down menu options. The first is **Create violation**, which allows the user to create a violation and add it to the current pollutant test. The second option is **Browse Violation**, which navigates to the scroll list of the current enforcement activities associated with the emission unit.

All further instructions on these fields can be found in the **Compliance and Enforcement** section of the ARMS manual.

Query Activity Violation Complaint Help Return exit Window

ORACLE

Compliance Assurance Tracking System - Compliance Activity

POINT AIRS ID 0090010 Status A Owner TRADEMARK METALS RECYCLING
Office CD County Brevard Name Yorke Doliner & Company

Compliance Activity Detail

Compliance Activity Detail

CA* TRPT Activity* VER VE TEST REPORT REVIEW # Viol 0
Date Done 07/24/2000 Date Due Office* CD Ev Y Act CS IN
Notes VCS

Obj Type	Obj Num	S	Object Description	Cmpl Stat	Viol CS	Comments
EU	001	A	AUTO/METAL SHREDDER	IN		

Test Meth

Enter the desired test methods associated with the allowable emissions record. To enter a test method, press **[Insert Record]** and then **[Ctrl+L]**. Use the **[Up]** and **[Down]** arrow keys to highlight the desired method and press **[Enter]** or click. Press **[Commit/Accept]** to save the changes in ARMS.

History

View historical information with regard to the current Emission Unit Pollutant using the **History** menu option. If the record has been changed the current information is displayed in the **Current** block and the previous information will be contained in the **HISTORY** block.

Date The date the status became effective.
User The user name of the user who made the change.
Status The new Pollutant Status.
Pollutant The pollutant that is present.

VE

The Visible Emission form allows the input or the update of data concerning the current Visible Emission Limitation for the emission unit.

VE Subtype

Press **[Ctrl+L]** to get a list of **VE Subtypes** to enter a limit for the visible emission from the permit.

Begin Dt

The effective date of the limit.

End Dt

The date the limit is no longer in effect. Enter the end date when the limit is no longer applicable based on the permit.

Basis Opacity

The code that corresponds to the basis for the limit. If the Basis Opacity is *Rule*, the rule must be specified in the **Regulation** field.

Regulation

If the Basis Opacity is *Rule*, this field must be populated with the corresponding regulation.

Comp Test Freq

The frequency of the VE tests.

Freq Base Dt

The due date of VE test.

of VE Tests

This is the number of tests recorded in ARMS for this VE limit.

Allow Opacity Exceptional Cond

The opacity allowed during exceptional conditions.

Max Prd of Except Opacity

The maximum minutes per hour allowed for excess opacity.

COM Required

If a Continuous Opacity Monitor is required, select Y from the List of values.

Comment

Enter comments regarding this visible emissions record in this field.

Enter a VE record

1. Enter the data in the appropriate fields.
2. Press **[Commit/Accept]** to save changes to ARMS.

Add a VE Record

1. Press **[Ctrl+I]** to insert a record.
2. Enter the data in the appropriate fields.
3. Press **[Commit/Accept]** to save changes to ARMS.

VE Test

View or edit VE Test data by selecting VE Test from the VE menu bar. To enter a VE Test record, go to the Compliance Assurance Module of ARMS.

VE	The visible emission limitation placed upon the emission unit.
# of VE Tests	The number of VE Tests for the emission unit.
Comp Test Fr	The frequency of the VE tests.
Freq Base Dt	The due date of VE test.
Basis Opacity	The code that corresponds to the basis for the limit. If the Basis Opacity is Rule , the rule must be specified in the Regulation field.
Max Prd of Exceptional Opacity	The maximum minutes per hour allowed for excess opacity.
Opacity Exceptional	The opacity during exceptional conditions.
Test Date	The date the test was performed.
Audit Type	The audit level for the VE Test.
Test Result	The result of the test.
Next Test Date	The date the next test will be due.
Receive Dt	The date the VE test was received.
Review Dt	The date the VE test was reviewed.
Next Test Dt	The Next test date. ARMS CA will attempt to calculate it from the date of the test, the Compliance Test Frequency and the Frequency base date. This date should be edited if the calculated date is incorrect.
Observer	The name of the person that observed the test.
Test Point	If the emission unit has an emission point type of one unit with multiple points (Emission Point Type Code 3) and each of the points is defined in the Emission Point screens, a list of values will be displayed. This value represents the emission point that was tested.
Opacity Normal	The opacity during normal conditions.
Opacity Exceptional	The opacity during exceptional conditions.

Time Opacity Exceptional	The amount of time the opacity was tested under exceptional conditions in minutes per hour.
Test Length	The amount of time the test was performed in Minutes.
Comment	The comments associated with this VE record.

Enter a VE test record

1. Enter the appropriate information in the fields.
2. Press **[Commit/Accept]** to save changes.

Add a new VE record

1. Press **[Ctrl+I]**.
2. Enter the appropriate information in the fields.
3. Press **[Commit/Accept]** to save changes.

Add a VE Test Record

1. Go to the Compliance assurance module in ARMS and TRPT activities for the desired facility through the Facility Activity List option.
2. At the Facility Activity List, press **[Ctrl+I]** to insert a new compliance activity.
3. Follow the instructions listed in the Compliance Activity Detail port of the Test and Reports section.
4. Once the activity has been created, go to the **Activity** menu option and select **Inventory** from the pull down menu.
5. A scroll list of the emission units that are defined as objects activity will appear. Highlight the desired emission unity ant **[Enter]** to select.
6. A new page will appear to enter the information on the visible emission report. Select the VE Subtype and press **[Tab]**. The header information will pre-fill with the information associated with the selected VE Subtype.
7. Enter the results of the VE Test and **[Ctrl+F6]** to save the information to the database.
8. To enter additional VE test results for other EU's press **[Exit]** to navigate to the list of Emission units and select a new Emission unit. Repeat steps 6-7.

Chg VE Subtype

This option will change the current Visible Emission Unit and display another or enter into the data a new Visible Emission Unit.

Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)

VE test Chg VE Subtype Activity ve Inv Link Help Return exit Window

AIR Resource Management System - Emission Unit VE Test

AIRS ID * 0570057 STATUS A OFFICE SWHI SW: HILLSBOROUGH ARMINV75

OWNER/COMP GUL VE Subtype

EU ID * 001 1 SE

CA TRPT Actr Find VE05%

VE SUBTYPE	DESCRIPTION	BEGIN DATE	END DATE
VE05	VISIBLE EMISSIONS - 5% NORMAL OPACITY	01-JUL-07	

Find OK Cancel

Opacity Normal * .00 % Opacity Exceptional %

Time Opacity Exceptional Min/Hr Test Length 30 Min

Comment

Choices in list: 1

Record: 1/1 ... List of Valu...

1. Select Chg VE Subtype from the menu.
2. Navigate to the **VE** field.
3. Press **[Ctrl+L]** to view the list of VE subtypes defined for the facility. Use the **[Up]** and **[Down]** arrow keys to highlight the desired record and press **[Enter]** to select or use the mouse to click.
4. Click the desired visible emissions test record to display.

VE INV

The screenshot shows a web-based application window titled "Florida Department of Environmental Protection - Enterprise Applications (BETA Testing/Training)". The window contains a form for "Air Resource Management System - Emission Unit Visible Emission". The form is organized into several sections:

- Header Section:** Includes fields for "POINT", "AIRS ID" (0570057), "STATUS" (A), "OFFICE" (SWHI), "SW: HILLSBOROUGH", "COUNTY" (HILLSBOROUGH), "SITE NAME" (GULF COAST RECYCLING, INC.), and "OWNER/COMP" (GULF COAST RECYCLING, INC.).
- Emission Unit Section:** Includes "EU ID" (001), "1 SECONDARY BLAST FURNACE (60 TON) & A SLAG FURNACE", "ST" (A), and "ARMINV74".
- VE Information Section:** Includes "VE Subtype *" (VE05), "VISIBLE EMISSIONS - 5% NORMAL OPACITY", "Begin Dt", "End Dt" (07/01/2007), "Basis Opacity *" (OTHER), "Regulation" (Required or assumed by permittee for other reasons (Explain in comment f)), "Comp Test Freq" (1 ANNUALLY), "Freq Base Dt" (07/27/1999), and "# of VE Tests" (30).
- Compliance Section:** Includes "Allow Opacity Exceptional Cond" (checkbox), "Max Prd of Except. Opacity" (checkbox), "Min/Hour", "COM Required" (N), and "Comment" (FIP REQUIREMENTS).

The bottom of the window shows a status bar with "Enter VE Subtype", "Record: 1/1", and a "List of Valu..." button.

The **VE INV** option on the **VE Test** menu navigates to the **VE** information on the emission unit without losing the **Compliance Assurance** information entered. To perform this task add or edit the **VE** Subtype or other **VE** information and return to the **VE Test** being entered.

AOR & SIP

Enter data from the Annual Operating report and the State Implementation Plan by navigating to the Emission Unit Menu bar and selecting **AOR & SIP** from menu bar.

Year	Oper	Recv Date	Review Date	County	Act	Date Done	Date Due	CS
2000	Y	02/16/2001	03/29/2001	BREVARD	->		09/30/2001	IN
1999	Y	02/11/2000	04/06/2000	BREVARD		04/17/2000	09/30/2000	IN
1998	Y		03/10/1999	BREVARD		09/01/1999	09/30/1999	IN
1997	Y		03/31/1998	BREVARD		07/01/1998	09/30/1998	IN
1996	Y		05/06/1997	BREVARD				
1995	Y		06/05/1996	BREVARD				
1994	Y	03/02/1995	11/14/1995	BREVARD				
1993	Y	02/28/1994		BREVARD				
1992	Y	04/15/1993		BREVARD				
1991	Y	02/28/1991		BREVARD				
1990	Y	03/06/1991		BREVARD				

A scroll list will appear to select an AOR year. Use the **[Up]** and **[Down]** arrow keys to highlight the desired year or click in the field and press **[Enter]** to select. The following menu options are available from the menu bar.

Change fac/eu	Changes the current facility or emission unit record viewed.
Add an AOR	Brings up a new, blank AOR form to begin entry of new AOR record.
Query All	View all of the AOR records using the AOR details rather than a scrollable list.
Return	Navigates to the previous screen.
eXit	Navigates to the point of entry into ARMS.

Add or Edit an AOR

The fields associated with the AOR & SIP are as follows:

- Permitted Operating** The length of time the emission unit is permitted to operate in *Hours per day, Days per Week, and Hours per Year.*
- Average Operating** The average length of time the emission unit has operated in *Hours per Day and Days per Week.*
- Total Operation** The total number of *Hours per Year* that the emission unit operated.
- Average % Operation** The average percentage of total amount of time the facility operated by Season.
- DJF** December, January, and February
- MAM** March, April, and May
- JJA** June, July, and August
- SON** September, October, November
- Ozone Season Adjustment Factor** The ozone season adjustment factor.
- Base Year Unit (Y/N)** Is it an Ozone SIP Base Year Unit?(Y/N) This data is pulled from the Emission Unit Description and Status field.
- Average Ozone Season Operation** This is the average operation during ozone season in hours per day and days per week.
- AOR & SIP Comment** Enter any comments related to AOR and SIP for this emission unit.

Enter an AOR/SIP

1. Press **[Insert Record]** and enter data in the appropriate fields.
2. Press **[Commit/Accept]** to save data to ARMS.

Edit and AOR/SIP

1. Query the desired facility and emission unit. Select the Menu AOR/SIP.
2. At the scroll list of past AORs use the **[Up]** and **[Down]** arrow keys to highlight the desired AOR record. Press **[Enter]** to select the desired record.
3. Edit the information and press **[Commit/Accept]** to save changes to ARMS.

AOR & SIP

These are the menu options available to continue entering information regarding the AOR and SIP.

aor segMent	Navigates to the AOR segment.
aor seG poll	Navigates to the AOR segment Pollutant.
slp seg poll	State Implementation Plan Segment Pollutant.
aor Poll	Annual Operating Report Pollutant
Violation	
Create viol	Navigates to the Compliance and Enforcement Module to create an enforcement project.
Browse viol	Navigates to the Compliance and Enforcement Module to view existing enforcement project.
Return	Navigates to the previous form.
Exit	Returns to the point of entry into ARMS.

Oracle
Air Resource Management System - AOR

aor segMent aor seG poll slp seg poll aor Poll Activity Help Return eXit Window

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO
 SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD
 OWNER/COMP TRADEMARK METALS RECYCLING

EU ID 001 AUTO/METAL SHREDDER ST A

CA AOR Activity AOR ANNUAL OPERATING Done Due 09/30/2001 CS IN

Year * 2000 Oper * Y County BREVARD Receive Dt 02/16/2001 Review Dt 03/29/2001

Permitted Operating Hours/Day Average Operating 7 Hours/Day
 Permitted Operating Days/Week Average Operating 5 Days/Week
 Permitted Operating 2496 Hours/Year Total Operation 1476 Hours/Year
 Average % Operation by Season DJF 27 MAM 28 JJA 22 SON 23

AOR & SIP Comment A permit modification was issued changing the control technology to a more efficient sys

Ozone Season Adjustment Factor Base Year Unit [Y/N]
 Average Ozone Season Operation 5 Hours/Day 5 Days/Week Total Days/Season 65

aor segment

The screenshot shows the Oracle Air Resource Management System - AOR interface. The main window displays a form for 'AOR & SIP Segment'. The form includes fields for SCC Code, Segment No, Desc, Annual Rate, Rate Limit, On-Spec Use, Avg % S, % S Limit, Off-Spec Use, Avg % Ash, Ash Limit, Seasonal Adj Factor, Daily Rate, and Avg Fuel Heat Content. The 'AOR & SIP Segment' window is open, displaying the following data:

Field	Value
SCC Code *	3-14-011-01
Tons of Scrap Processed	
Segment No	2
Desc	Industrial Processes
Transportation Equipment	
Auto Body Shredding	
Primary Metal Recovery Line	
Annual Rate *	134005.00
Rate Limit	374400.00
On-Spec Use	
Avg % S	
% S Limit	
Off-Spec Use	
Avg % Ash	
Ash Limit	
Seasonal Adj Factor	
Daily Rate	490.000000
Avg Fuel Heat Content (mmBtu/SCC)	
Annual Rate Com	
Daily Rate Com	

The Annual Operating Report Segment screen displays the segments reported in the Annual Operating Report.

SCC Code	The Source Classification Code of the fuel used in the process.
Segment No.	The system generated designation for the segment.
Desc	The description accompanying the Source Classification Code.
Annual Rate	The Actual Annual Process or Fuel Usage Rate
Rate Limit	The annual process or fuel usage rate limitation.
On-Spec Use	On Spec Used Oil Usage Rate.
Avg % S	The Average Fuel Percent Sulfur.
% S Limit	Percent Sulfur Limit.
Off-Spec Use	Off Spec Used Oil Usage Rate.
Avg % Ash	The Average Fuel Percent ASH.
Ash Limit	The limitation on ASH.
Seasonal Adj Factor	The seasonal adjustment factor.
Daily Rate	Ozone Season Daily Process or Fuel Usage Rate
Avg Fuel Heat Content (mmBtu/SCC)	Average Fuel Heat Content(MMBTU/SCC Units)
Annual Rate Com	Actual Annual Process or Fuel Usage Rate Comment
Daily Rate Com	Ozone Season Daily Process or Fuel Usage Comment

aor seG poll

This screen displays the current aor year segment pollutants.

The screenshot shows the Oracle Air Resource Management System - AOR interface. The main window displays various fields for site and segment information. The 'AOR & SIP Segment' window is open, showing details for Segment No. 2, including SCC Code 3-14-011-01 and description 'Tons of Scrap Processed'. The 'AOR Segment Pollutant' window is also open, showing pollutant data for Particulate Matter - Total (PM). The pollutant record includes fields for Prim Contr (7), Sec Contr (1), Emission Method (1), and Annual Emissions (1.340000 tons per year).

Field	Value
POINT	0090010
AIRS ID	0090010
STATUS	A
OFFICE	CD
County	BREVARD
City	ORLANDO
SITE NAME	YORKE DOLINER & COMPANY
OWNER/COMP	TRADEMARK METALS RECYCLING
EU ID	001
AUTO/METAL SHREDDER	
ST	A
CA	AOR
Activity	AOR
ANNUAL OPERATING	Done
Due	09/30/2001
CS	IN
Segment No.	2
SCC Code	3-14-011-01
Desc	Tons of Scrap Processed
Transportation Equipment	
Primary Metal Recovery Line	
Pollutant	PM
Particulate Matter - Total	
Below Thre	Not Emitted
% Contr Efficiency	99.8
Prim Contr	7
Sec Contr	1
Emission Method	1
Annual Ems	1.340000
Ton/Yr Calculation	(134,005 tons proc
Comment	

Pollutant

The Pollutant record associated with the AOR Segment.

% Contr Effic

The percent control efficiency.

Prim Contr

Use the **[Ctrl+L]** to select the control equipment. This is the control equipment already defined for the emission unit pollutant.

Sec Contr

If the emission unit has secondary control equipment, **[Ctrl+L]** to select the control equipment. This is the control equipment already defined for the emission unit pollutant.

Emis Meth

Emission Method Code. Press **[Ctrl+L]** to see a list of method codes.

Annual Emissions The Actual Annual Emissions in Tons per Year.

Emission Calculation The Actual Annual Emission Calculation.

slp seg poll

Update and view the AOR year's State Implementation Plan segment pollutants using the **slp seg poll** menu option. The fields associated with this field are as follows:

Pollutant	The Pollutant record associated with the SIP Segment.
% Contr Effic	The percent control efficiency.
Prim Contr	Use [Ctrl+L] to select the control equipment. This is the control equipment already defined for the emission unit pollutant.
Sec Contr	If the emission unit has secondary control equipment, use [Ctrl+L] to select the control equipment. This is the control equipment already defined for the emission unit pollutant.
Emis Fact	The emission factor in pounds per SCC.
Rule Effectiveness	The rule effectiveness in percent.
Emis Meth	The emission method from the AOR Pollutant form.
Daily Emis	The daily emissions in pounds per day.
Emission Unit Sum	The Emission unit summary in pounds per day.
SAF	The Ozone Season Adjustment Factor.
Emis Calc	The emissions calculation.

The screenshot shows the 'slp seg poll' form in the Oracle ARMS application. The form is titled 'Air Resource Management System - AOR' and includes a menu bar with options like 'aor segMent', 'aor seQ poll', 'slp seg poll', 'aor Poll', 'Activity', 'Help', 'Return', 'exit', and 'Window'. The form contains several sections with input fields and buttons:

- Header Section:** Includes fields for POINT, AIRS ID (0090010), STATUS (A), OFFICE (CD), Cen: ORLANDO, SITE NAME (YORKE DOLINER & COMPANY), COUNTY (BREVARD), and OWNER/COMP (TRADEMARK METALS RECYCLING).
- Emission Unit Section:** Includes EU ID (001), AUTO/METAL SHREDDER, and ST (A).
- Activity Section:** Includes CA (AOR), Activity (AOR), ANNUAL OPERATING, Done, Due (09/30/2001), and CS (IN).
- Operating Hours Section:** Includes Year* (2000), Oper* (Y), County (BREVARD), Receive Dt (02/16/2001), and Review Dt (03/29/2001).
- Operating Hours Summary:** Includes Permitted Operating (Hours/Day, Days/Week, Hours/Year), Average Operating (Hours/Day, Days/Week, Hours/Year), and Total Operation (Hours/Year).
- Seasonal Data:** Includes Average % Operation by Season (DJF: 27, MAM: 28, JJA: 22, SON: 23).
- Comments and Adjustments:** Includes AOR & SIP Comment (A permit modification was issued changing the control technology to a more efficient sys), Ozone Season Adjustment Factor, Base Year Unit [Y/N], Average Ozone Season Operation (Hours/Day, Days/Week), and Total Days/Season (65).

Enter a slp seg poll

1. Press **[Ctrl+I]** to insert record. The pollutant must be defined in the **aor Poll** form before entering into this form.
2. Enter the appropriate fields.
3. Press **[Commit/Accept]** to save data to ARMS.

aor Poll

View and enter information regarding the pollutants reported in the facility's Annual Operating report using the AOR pollutant options.

Oracle
Air Resource Management System - AOR

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO
SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD
OWNER/COMP TRADEMARK METALS RECYCLING

EU ID 001 AUTO/METAL SHREDDER ST A

CA AOR Activity AOR ANNUAL OPERATING Done Due 09/30/2001 CS IN

AOR Pollutant

Pollutant *	Emis Method *	Act Emis Sum *	Actual Annual Emission Calculat
PM	Particulate Matter - Total	1.340000	TPY
	1 CALCULATED BASED ON SOURCE TEST OR CONTINUOUS EMISSION MEASUREMENTS.		
PM10	Particulate Matter - PM10	1.340000	TPY
	1 CALCULATED BASED ON SOURCE TEST OR CONTINUOUS EMISSION MEASUREMENTS.		
			TPY

Pollutant PM Allowable Emissions (TPY) 44.380000

Inserting a New Record

1. Press **[Insert Record]**.
2. Press **[Ctrl+L]** to select a pollutant.
3. Press **[Tab]** or use the mouse and click to navigate to **Act Emis Sum**. Enter the summary of the actual emissions.
4. Press **[Tab]** or use the mouse and click to navigate to **TPY**.
5. Press **[Tab]** or use the mouse and click to navigate to the **Emission Method**. Press **[Ctrl+L]** to see a list of Emissions Methods.
6. Press **[Commit/Accept]** to save data to ARMS.

Updating a Record

1. Use the **[Up]** and **[Down]** arrow keys to highlight the desired Pollutant.
2. Use the **[Tab]** key or use the mouse and click to navigate to the desired field. Update information.
3. Press **[Commit/Accept]** when you are ready to record the changes in the database.

AOR Activity

The Activity option on the menu bar will navigate to the Compliance Assurance activity associated with the current AOR record. Further instruction on these fields can be found in the Compliance Assurance portion of the ARMS manual.

Query Activity Violation Complaint Help Return Exit Window

Compliance Assurance Tracking System - Compliance Activity

POINT AIRS ID 0090010 Status A Owner TRADEMARK METALS RECYCLING
Office CD County Brevard Name Yorke Doliner & Company

Compliance Activity Detail

CA* AOR Activity* AOR ANNUAL OPERATING REPORT REVIEW #Viol 0
Date Done Date Due 09/30/2001 Office* CD Ev Y Act CS IN
Notes 2000 AOR REVIEW. VCS

Obj Type	Obj Num	S	Object Description	Cmpl Stat	Viol CS	Comments
EU	001	A	AUTO/METAL SHREDDER	IN		
EU	007	I	Natural Gas Engine #3	IN		
EU	008	I	Natural Gas Engine #4	IN		

Violation

The violation option on the menu bar has three sub options. The first is Create violation, which allows the user to create a violation based on the current **AOR record**. The second option is Browse violation this gives the user a chance to look at all of the violations. The third option is where the user views or files a complaint.

All further instructions on these fields can be found in the **Compliance and Enforcement** portion of the ARMS manual.

Con monitor

The **Con monitor** option displays the basic Continuous Monitor information for the current Emission Unit. The information shown includes the pollutant monitored, basic monitoring information, and monitor identification and certification information.

Parameter	Press [List] to see the list of parameter codes.
CM Identifier	The system generated designation for the continuous monitor.
Status	The status of the monitor. Press [Ctrl+L] to List.
CMS Reqd	Press [List] to select from the list of codes. If the code is "4 - Other" specify the reason in the comment field.
# of CMS Reports	The number of CMS reports recorded in ARMS.
Manufacturer	The manufacturer of the Continuous Monitor Equipment.
Model	The model number of the Continuous Monitor Equipment.
Ser No.	The serial number of the Continuous Monitor Equipment.
Performance Specification Test Date	The date the performance of the Continuous Monitoring equipment is tested.
PST Status	The results of the performance specification test of the Continuous Monitor.
Comment	The Comments regarding the Continuous Monitor record.

The screenshot shows the Oracle Air Resource Management System - Continuous Monitor form. The form is titled "Air Resource Management System - Continuous Monitor" and includes a menu bar with options: CMS report, Mon poll, History, Help, Return, e:it, Window. The form contains several fields for data entry, including:

- POINT**: AIRS ID (0090010), STATUS (A), OFFICE (CD), Cen: ORLANDO
- SITE NAME**: YORKE DOLINER & COMPANY, COUNTY (BREVARD)
- OWNER/COMP**: TRADEMARK METALS RECYCLING
- EU ID**: 001, AUTO/METAL SHREDDER, ST (A)
- Parameter ***: (empty), **CM Identifier**: (empty)
- Status ***: (empty), **CMS Reqd**: (empty)
- # of CMS REPORT**: (empty)
- Manufacturer**: (empty), **Model**: (empty), **Ser No**: (empty)
- Installation Dt**: (empty), **Certification Dt**: (empty)
- Performance Specification Test Date**: (empty), **PST Status**: (empty)
- Comment**: (empty)

Entering a new continuous monitor record

1. Press **[Ctrl+I]** to Insert a Record.
2. Enter information in the appropriate fields.
3. Press **[Commit/Accept]** to save changes to ARMS.

Cms report

The CMS Report form displays the Continuous Monitor Reports for the Pollutant currently monitored.

The screenshot shows a web-based form for entering continuous monitor reports. The form is organized into several sections. The top section contains fields for POINT, AIRS ID (0090010), STATUS (A), OFFICE (CD), Cen: ORLANDO, SITE NAME (YORKE DOLINER & COMPANY), COUNTY (BREVARD), and OWNER/COMP (TRADEMARK METALS RECYCLING). Below this is a section for EU ID (001), AUTO/METAL SHREDDER, and ST (A). The next section includes Pollutant (CO2), Carbon dioxide, and CMS Identifier (001). The following section has Year *, Quarter *, Receive Dt *, Review Dt (01/31/2002), Time Period, and Operating time *. The next section contains Excess Emis Non Compliance, Total #, Percentage, Downtime Non Compliance, Total #, and Percentage. The final section has ExEmis Comm and DnTime Comm.

Year	The calendar year of the report.
Quarter	The calendar quarter the report covers.
Receive Dt	The date the report was received.
Review Dt	The date the report was reviewed.
Time Period	The time period intervals used for monitoring. [Ctrl+L]
Operating Time	The number of Time Periods the monitor operated during the Quarter.
Excess Emis Non Compliance	
Total #	Number of periods the emissions was in excess of allowed.
Percentage	Percentage of time that emissions were in excess of allowed.
Downtime Non Compliance	
Total #	Number of periods the monitor was not operational.
Percentage	The percentage of time that the monitor was not operational.
ExEmis Comm	The comments regarding why the monitor collected emissions that were in excess of allowable.
DnTime Comm	The comments regarding why the monitor was not operational.

To Enter a Continuous monitor report

1. Press **[Ctl+I]** to Insert a Record.
2. Enter information into the appropriate fields.
3. Press **[Commit/Accept]** to save data to ARMS.

Downtime

Oracle
Air Resource Management System - Continuous Monitor Reports

POINT AIRS ID 0090010 STATUS A OFFICE CD Cen: ORLANDO
SITE NAME YORKE DOLINER & COMPANY COUNTY BREVARD
OWNER/COMP TRADEMARK METALS RECYCLING

EU ID 001 AUTO/METAL SHREDDER ST A

Pollutant CMS Identifier 001
Parameter CO2 Carbon dioxide

Year * Quarter * Receive Dt * Review Dt 01/31/2002
Time Period Operating time *

Continuous Monitor Reports - Reasons for Downtime

Reasons for CM Downtime		Periods
1	Monitor Malfunction	
2	Non-Monitor Malfunction	
3	Quality Assurance Calibration	

Reasons for CM Downtime The code for the possible reason the monitor was not operational [Ctrl+L].

Period The number of monitoring periods that monitor was down for the corresponding reason.

Excess emis

Reasons for Excess Emission The code for the possible reason the monitor was not operational[**Ctrl+L**].
Period The number of monitoring periods that monitor was down for the corresponding reason.

Mon poll

Associate the Continuous Monitor with a pollutant that has been defined for the emission unit with the **Mon poll** menu option. To enter a pollutant, press [**Ctrl+L**] to list and select the pollutant from the list of values and press [**Commit/Accept**].

Note: If there are no pollutants in the list of values, the **Pollutant Allowable** record needs to be modified to reflect a **compliance method code** for a CMS.

History

The screenshot shows a web-based application window titled "Air Resource Management System - Continuous Monitor History". The window has a menu bar with "Help", "Return", "exit", and "Window". Below the menu bar is a toolbar with various icons for file operations and navigation. The main content area is divided into two sections: "CURRENT" and "HISTORY".

CURRENT

Date *	User	Status	Pollutant	
01/31/2002	LIVINGSTON_	A	CO2	Carbon dioxide

HISTORY

Date *	User	Status	Pollutant	

Comments: _____

View the history information for the Continuous Monitor records by using the history.

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