



SOUTH COAST AQMD WELCOMES YOU TO
THE

COMPLIANCE AND ENFORCEMENT SYMPOSIUM



JULY 19, 2018
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
8:30 AM – 12:00 PM



SCAQMD Compliance & Enforcement

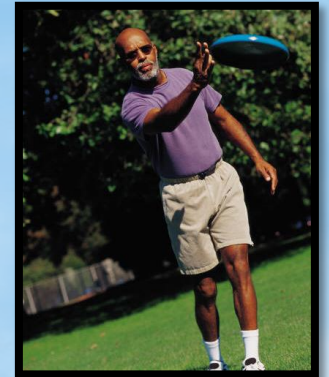
Victor Yip

Senior Enforcement Manager

(909) 396-2465

vyip@aqmd.gov

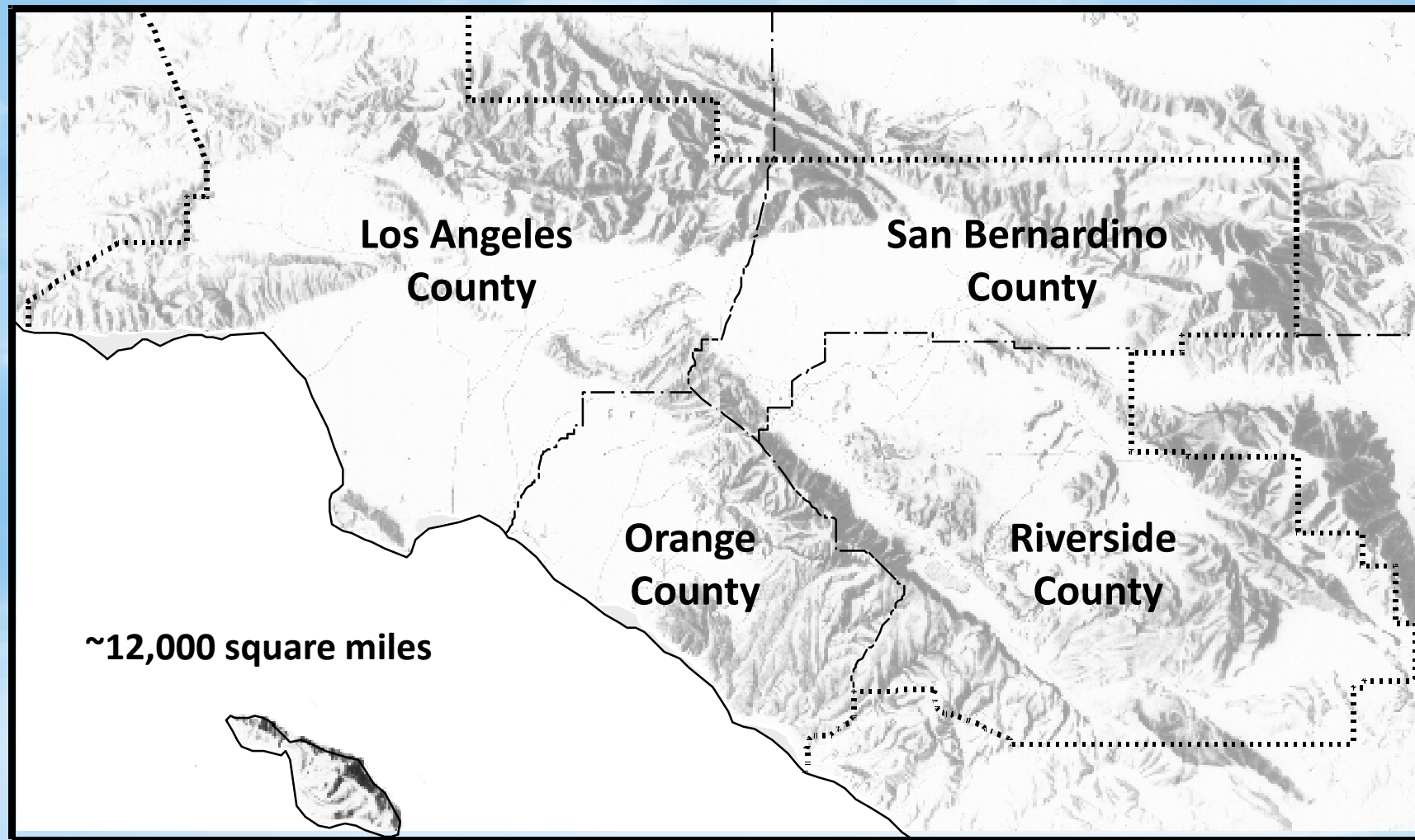
SCAQMD Mission



SCAQMD's mission is to clean the air and protect the health of all residents in the South Coast Air District through practical and innovative strategies.



SCAQMD Jurisdiction



~ 12,000 Square Miles

Office of Compliance and Enforcement

- This group ensures compliance with SCAQMD permit conditions, local air quality rules and regulations, and state and federal air quality mandates at permitted facilities. They also respond to air quality complaints received from the public
- Over 60,000 permits held by about 28,400 facilities
 - Refineries, power plants, aerospace, RECLAIM, Title V, service stations, dry cleaners, autobody shops, manufacturing plants



Compliance & Enforcement Program Goals

- Ensure businesses comply with regulatory requirements by:
 - Holding all companies to the same regulatory standards applicable to their industry ensures a level playing field
 - Conducting timely compliance determinations
 - Ensuring prompt resolution of noncompliance through enforcement actions
 - Providing consistent and fair field enforcement for all
- Resolve air quality problems by:
 - Ensuring community access to SCAQMD for complaint resolution
 - Investigating air quality complaints and resolving instances of noncompliance promptly.

SPRAY COATING OPERATIONS

SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT



COMPLIANCE AND ENFORCEMENT SYMPOSIUM –
CODE ENFORCEMENT

JULY 19, 2018

KATHLEEN LINSON

COMMON TYPES OF COATING OPERATIONS


- Auto Body (RI151)
- Wood Products (RI136)
- Metal Parts and Products (RI107)
- Architectural (RI113)
- Aerospace (RI124)
- Polyester Resin Operations (RI162)



INSPECTION - PERMITS

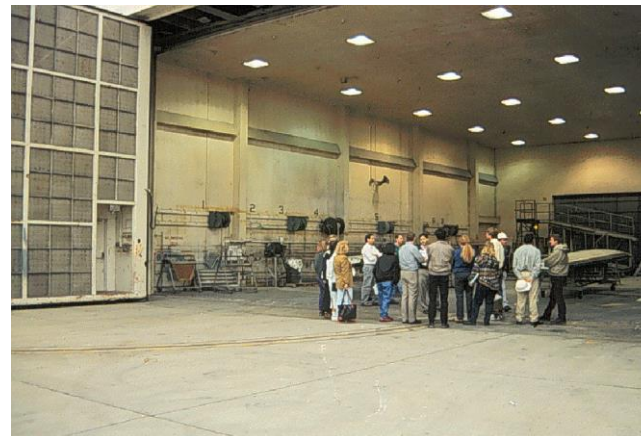
- Must be a valid, active permit
- Posted within 8 meters of the equipment
- Matches equipment
- Permit Conditions vs. Rules



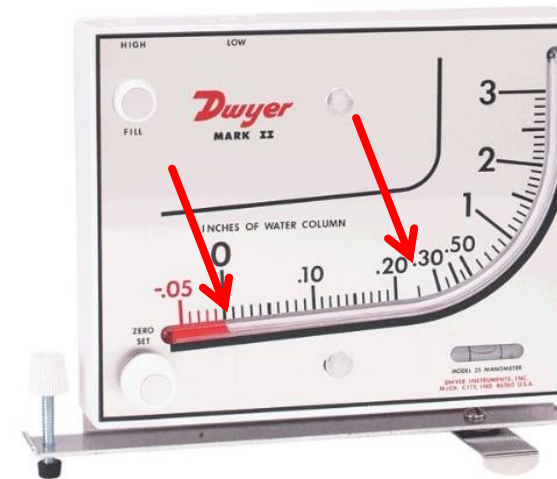
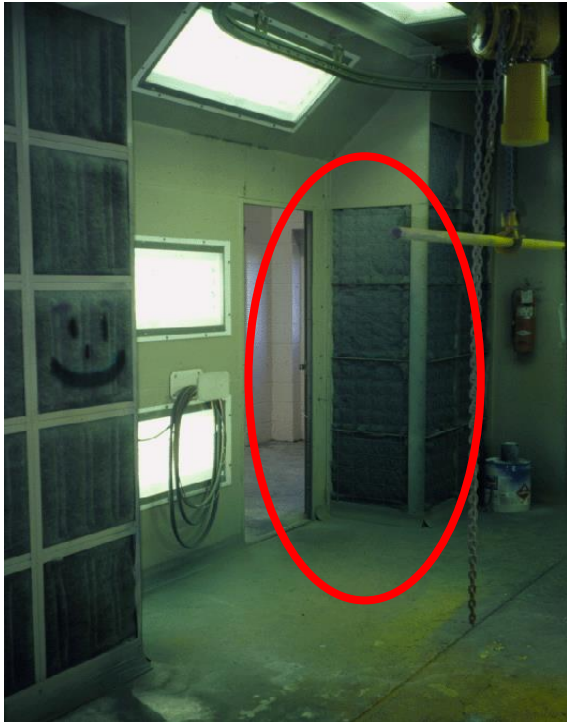
		South Coast Air Quality Management District 21865 Copley Drive, Diamond Bar, CA 91765-4178	Page 1 Permit No. N28262 A/N 123456
PERMIT TO OPERATE			
This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.			
LEGAL OWNER OR OPERATOR:	FIRST CHOICE LINEN 100 N. CHARTER ST. DIAMOND BAR, CA 91765	10 000000	
Equipment Location:	100 N. CHARTER ST., DIAMOND BAR, CA 91765		
Equipment Description:	<p>1) 1-GASOLINE NOZZLE DISPENSING PRODUCT, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM. BALANCE RETRACTOR (G-79-52-AM).</p> <p>2) 1-DUAL COMPARTMENT ABOVEGROUND GASOLINE/DIESEL STORAGE TANK, CONTAINMENT SOLUTIONS HOOVER VALUED TANK (VR 302-E), CYLINDRICAL, 18'-8" L. X 7'-11" W. X 6'-11" H. 4,900 GALLON CAPACITY. CONSISTING OF:</p> <p>A) ONE 2,000 GALLON GASOLINE COMPARTMENT, EQUIPPED WITH A HUSKY 5685 PRESSURE/VACUUM RELIEF VALVE, AND A MORRISON BROTHERS PHASE I ENHANCED VAPOR RECOVERY (EVR) SYSTEM (VR-402-B).</p> <p>B) ONE 2,000 GALLON DIESEL COMPARTMENT, NOT EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM.</p>		
Conditions:	<p>SECTION I: GENERAL CONDITIONS</p> <p>1) OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED UNLESS OTHERWISE NOTED BELOW.</p> <p>2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.</p> <p>SECTION II: PHASE I VAPOR RECOVERY SYSTEM AND TESTING REQUIREMENTS</p> <p>3) EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.</p> <p>4) A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN TEN DAYS (10) AFTER THE START OF OPERATION OF THE PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE DONE IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP 201.1F (OCTOBER 8, 2003). RESULTS SHALL BE SUBMITTED TO THE SQAQMD, OFFICE OF COMPLIANCE</p>		
MOCK INSPECTION COPY			

INSPECTION - EQUIPMENT

- Spray Booths – For PM control
 - Type (downdraft, water wash, dry filter, etc)
 - Dimensions
 - Filters
 - Static pressure differential gauge
 - Natural gas heater (RII47)
 - Gas meter
 - Temperature gauge
- Ovens (RII47)
- Abrasive Blasting Rooms

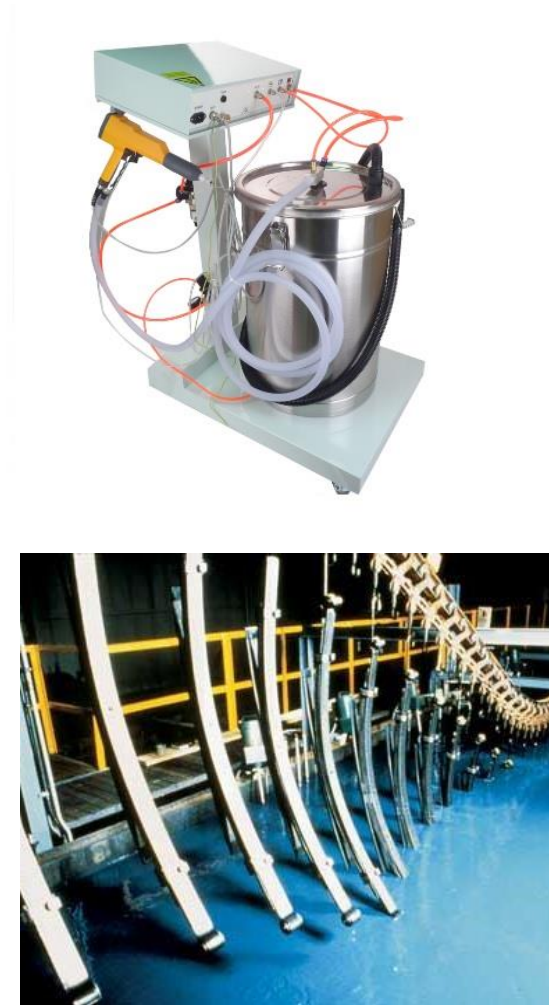


INSPECTION – EQUIPMENT CONT'D



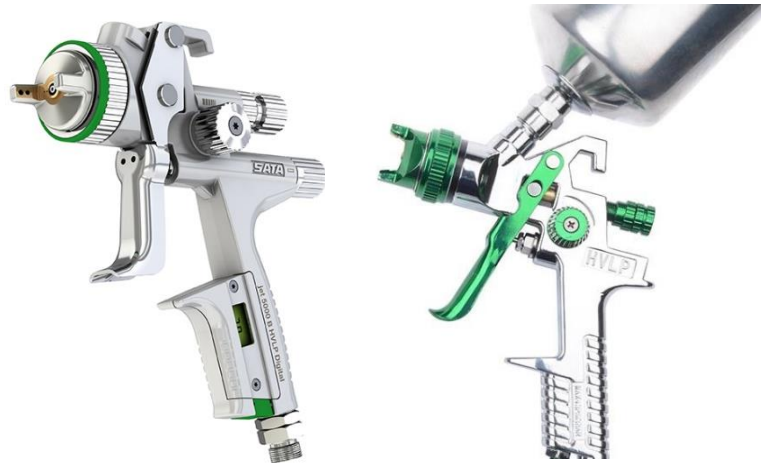
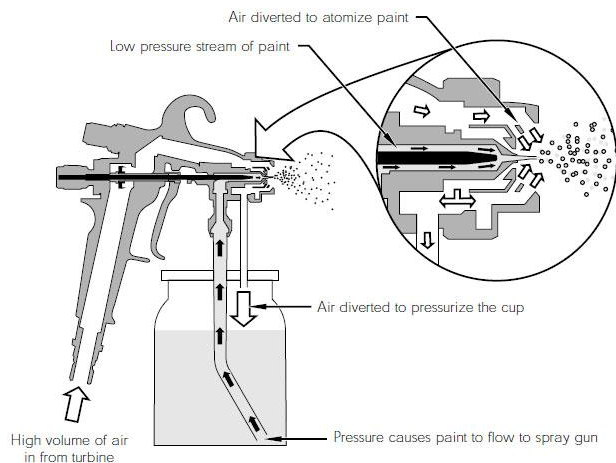
INSPECTION – COATING APPLICATION

- Coating Applications
 - High-Volume, Low-Pressure (HVLP) spray guns
 - Electrostatic Application
 - Brush, Dip, or Roller
 - Hand applied, trowel

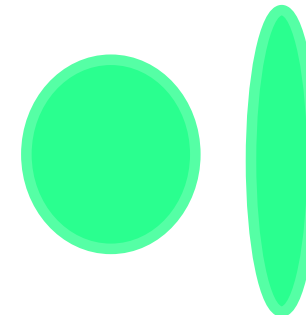


HVLP GUNS

- HVLP means a high volume of material is displaced at a low pressure of air flow. This means that more of the paint propelled by the spray gun reaches the surface you are spraying with reduced waste, overspray, and pollution of the air;
- High volume = larger volume of paint material is displaced from the gun and makes it to surface;
- Low pressure = Reduced atomization of the material (less overspray, waste, pollution);
- With these two features working together the result is a more professional finish and reduced cost of materials.

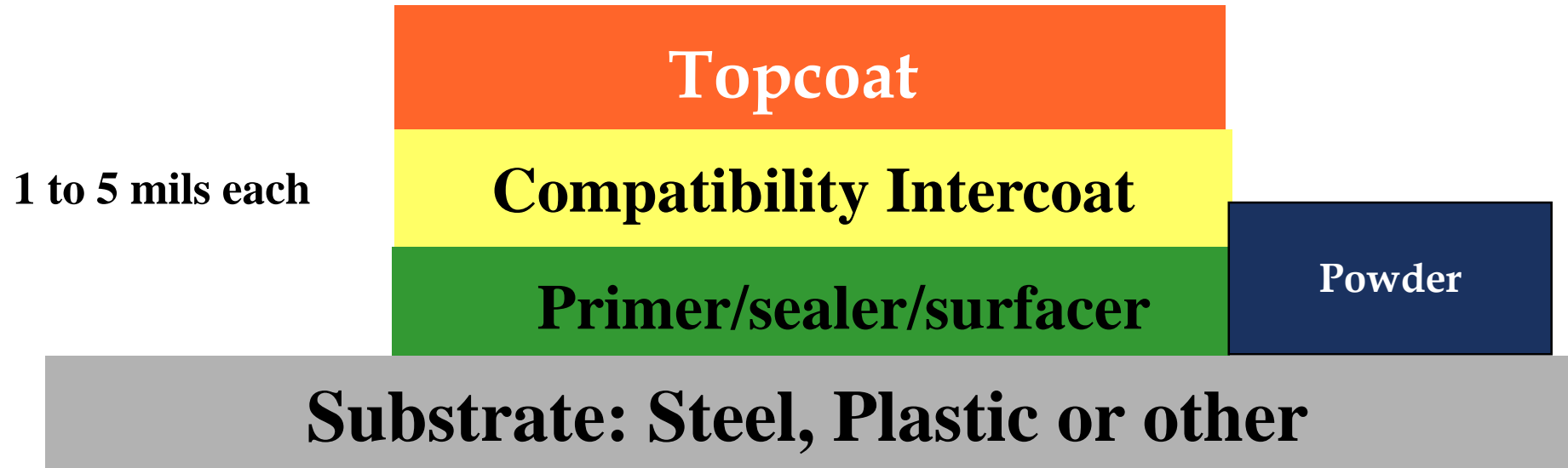


Spray fan pattern is compressed by air from the spray cap wing ports preventing huge amounts of overspray.



COATINGS

- A Coating System

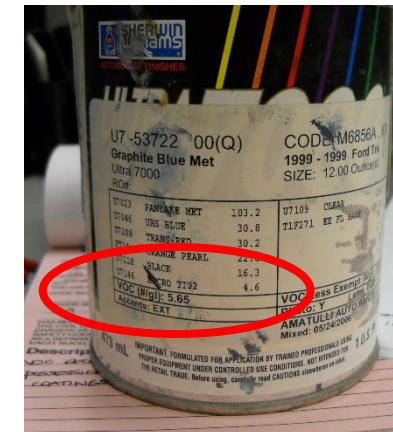
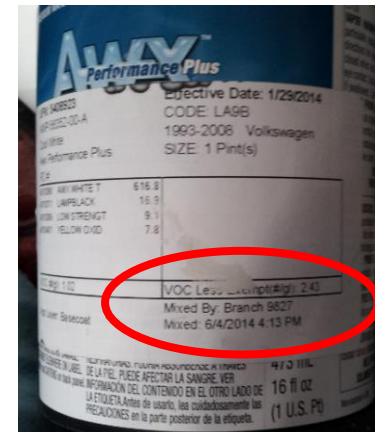


INSPECTION – SOLVENTS CONT'D

■ VOC limits*

- Primer
- Clear Coat
- Color Coat
- Stain
- Resin
- Cleaning Solvents (RII71)

*Expressed in units of grams per liter (g/L) or pounds per gallon (lbs/gal)



INSPECTION – SOLVENTS CONT'D

- Possession of Non-Compliant Coatings – R1151
 - Samples
- General Housekeeping and Waste Storage



- VOC Records/Solvent Usage (RI09)

- ## ■ Waste Manifests

- Gas Usage

- Safety Data Sheets

AUTOMOTIVE REFINISHING OPERATIONS

PRODUCT USAGE LOG

Date: _____
(mm/dd/yyyy)

Facility Name:Facility ID #:SCAQMD Permit #: _____[illegible]

AUTOMOTIVE REFINISHING OPERATIONS

MONTHLY SUMMARY

Month/Year: _____

Facility Name: _____

Location Address: _____

Contact Name/Tel No.: _____

Facility ID #: _____SCAQMD Permit #: _____

Product ID	Amount Used (gal)	VOC of Ma- terial (lb/gal)	VOC Emissions (lb)
		Total	

Prepared by:

Type or Print Name _____ Title _____

Tel. No. _____ Date _____

ADDITIONAL INFORMATION CONT'D

■ Complaints

- Odors
- Overspray
- No Permits

I-800-CUT-SMOG

or online @
www.aqmd.gov



 inewssource.org

INVESTIGAT

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Lemon Grove Truck Body & Equipment is one of several body shops at 8373 and 8377 Broadway. They have received more air complaints than any other auto paint operations in recent years. Photo by Ingrid Lobet, inewssource, July 21, 2016.

Auto body fumes a frequent complaint in San Diego

by Ingrid Lobet | July 25, 2016

[Twitter](#) [Facebook](#) [Print](#) [Pocket](#) [More](#)

In San Diego's Lincoln Park neighborhood, a report came in – fumes from spray paint and thinner so thick the caller had problems breathing and was going to pass out.

ADDITIONAL INFORMATION

■ Jurisdiction

- Residential
- Referrals

■ Exemptions

- Booth & Spray Equipment
- Permit Exemptions (R219)
 - VOC emissions from such equipment (including clean-up) are three (3) pounds per day or less or 66 pounds per calendar month or less; or
 - Total quantity of organic solvent based coatings and adhesives and associated VOC containing solvents (including clean-up) used in such equipment is one (1) gallon per day or less or 22 gallons per calendar month or less; or
 - Total quantity of water reducible or waterborne coatings and adhesives and associated VOC containing solvents (including cleanup) used in such equipment is three (3) gallons per day or less or 66 gallons per calendar month or less; or
 - Total quantity of polyester resin and gel coat type materials and associated VOC containing solvents (including clean-up) used in such equipment is one (1) gallon per day or less or 22 gallons per calendar month or less
- Aerosols
- Educational Purposes



QUESTIONS?



THANK YOU!

Applicable AQMD Regulations for Boilers and Emergency Generators

MICHAEL RAMOS



Applicable AQMD Rules

Boilers:

1146 Series

Rule 1146 – Boilers rated greater than 5 mmbtu

Rule 1146.1 – Boilers rated between 2 and 5 mmbtu

Rule 1146.2 – Boilers rated less than 2 mmbtu

Rule 1121 – Water Heaters rated less than 75,000 btu

Internal Combustion Engines (ICEs), Rated Greater than 50 bhp:

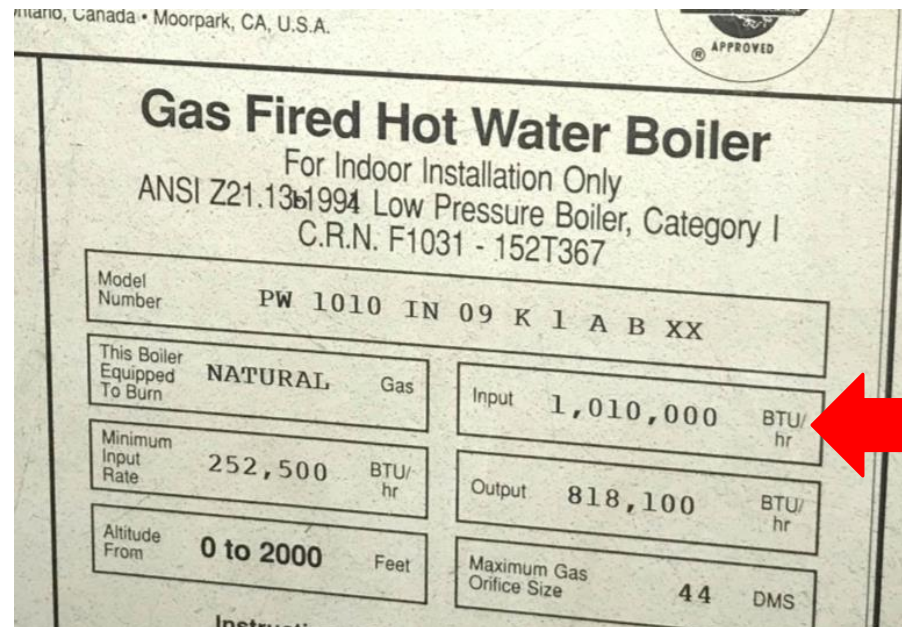
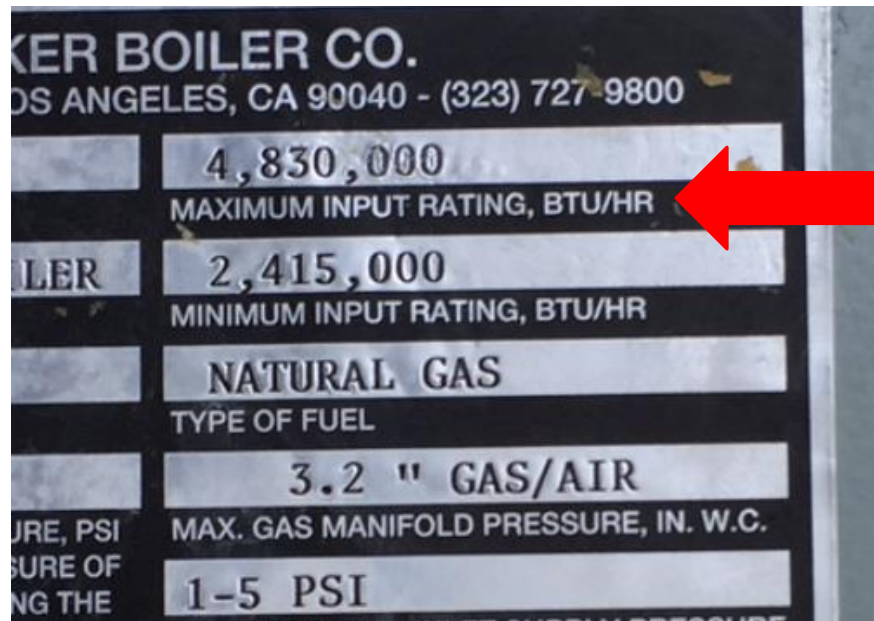
Rule 1110.2 – Gaseous and Liquid-Fueled ICEs

Rule 1470 – Diesel Fired Stationary ICEs

PERP (CARB Regulation)

Boilers

- A boiler requires an AQMD Permit to Operate for any boiler rated greater than 2 mmbtu
 - Maximum input btu
- A boiler requires an AQMD Rule 222 registration for any boiler rated >1 mmbtu and ≤ 2 mmbtu
 - One time registration



Boiler Examples

ATMOSPHERIC BOILER



NON-ATMOSPHERIC BOILER



Boiler Examples

SMALL BOILER (<2 MMBTU)



WATER HEATER



Boiler Specification Plates

ELECTRICAL SPECIFICATIONS
460 VOLTS 60 Hz 3 PHASE
TOTAL AMPS MOTOR HP
INTEGRAL PRIMARY U.L. GROUP
SAFETY CONTROL 4D GAS OIL

FUEL REQUIREMENTS
MAX. HEAT INPUT 6,123,000 BTU/HR
GRADE OF OIL NO GPH
OIL NOT HEAVIER THAN NO. FOR UL LABELED EQUIPMENT
TYPE OF GAS NAT BTU/CU.FT. 1000
THIS BOILER MUST BE INSTALLED WITH INDEPENDENT
GAS PRESSURE REGULATORS FOR THE PILOT AND THE
MAIN BURNER WHICH ARE CAPABLE OF BEING ADJUSTED
TO THE FOLLOWING OUTLET PRESSURES:
MAIN GAS 2-10 PSI
PILOT GAS 7" WCP
AND AN UPSTREAM LUBRICATED-PLUG OR BALL TYPE
MANUAL SHUT-OFF VALVE WITH STOPS.

ATOMIZING AIR REQUIREMENTS
MIN. CAP. CFM PRESSURE PSI

INSTALLATION
MAY BE INSTALLED WITH CLEARANCES TO
COMBUSTIBLE MATERIAL NOT LESS THAN 18
INCHES ABOVE. 18 INCHES REAR AND SIDES
18 INCHES FROM FLUE PIPE AND 48 INCHES
IN FRONT. FLOOR MUST BE NON-COMBUSTIBLE
CLAYTON INDUSTRIES
CITY OF INDUSTRY, CALIFORNIA
UH-61086

PRIMARY SAFETY CONTROLS
GROUP 4D
CLAYTON INDUSTRIES
CITY OF INDUSTRY, CA

MODEL SFG-150M--1FMB
SER. NO. SE 25525

Boiler Specification Plates

ETL LISTED
INDUSTRIAL & COMMERCIAL
GAS FIRED
PACKAGED BOILER
CERTIFIED TO
CAN/CGA STD 1-3.1 & UL STD 795

PARKER BOILER CO.
5930 BANDINI BLVD. - LOS ANGELES, CA 90040 - (323) 721-5000

115L	4,830,000
MODEL NUMBER	MAXIMUM INPUT RATING, BTU/HR
STEAM BOILER	2,415,000
DESCRIPTION	MINIMUM INPUT RATING, BTU/HR
964061	NATURAL GAS
SALES ORDER NUMBER	TYPE OF FUEL
100	3.2 " GAS/AIR
SAFETY VALVE & TRIM MAX. PRESSURE, PSI CAUTION: DO NOT INCREASE PRESSURE OF SAFETY VALVE WITHOUT CONSULTING THE INSPECTION AUTHORITY FOR APPROVAL	MAX. GAS MANIFOLD PRESSURE, IN. W.C.
	1-5 PSI
	REQUIRED FUEL INLET SUPPLY PRESSURE

7.4" W.C. GAS PRESSURE @ DOWNSTREAM TAP.

12"	48"	6"	12"
CABINET SIDES AND REAR	CABINET TOP	DRAFT HOOD VENT CONNECTOR	BAROMETRIC DAMPER CHIMNEY CONNECTOR

MINIMUM CLEARANCES TO COMBUSTIBLE CONSTRUCTION

FOR INSTALLATION ON NONCOMBUSTIBLE FLOORS ONLY
ALL OF THE INSTRUCTIONS MUST BE FOLLOWED EXACTLY

RL-EL-084

NAT'L BD. & MANUFACTURER'S SERIAL NUMBER 55976

CERTIFIED BY
NAME OF MANUFACTURER
PARKER BOILER CO.

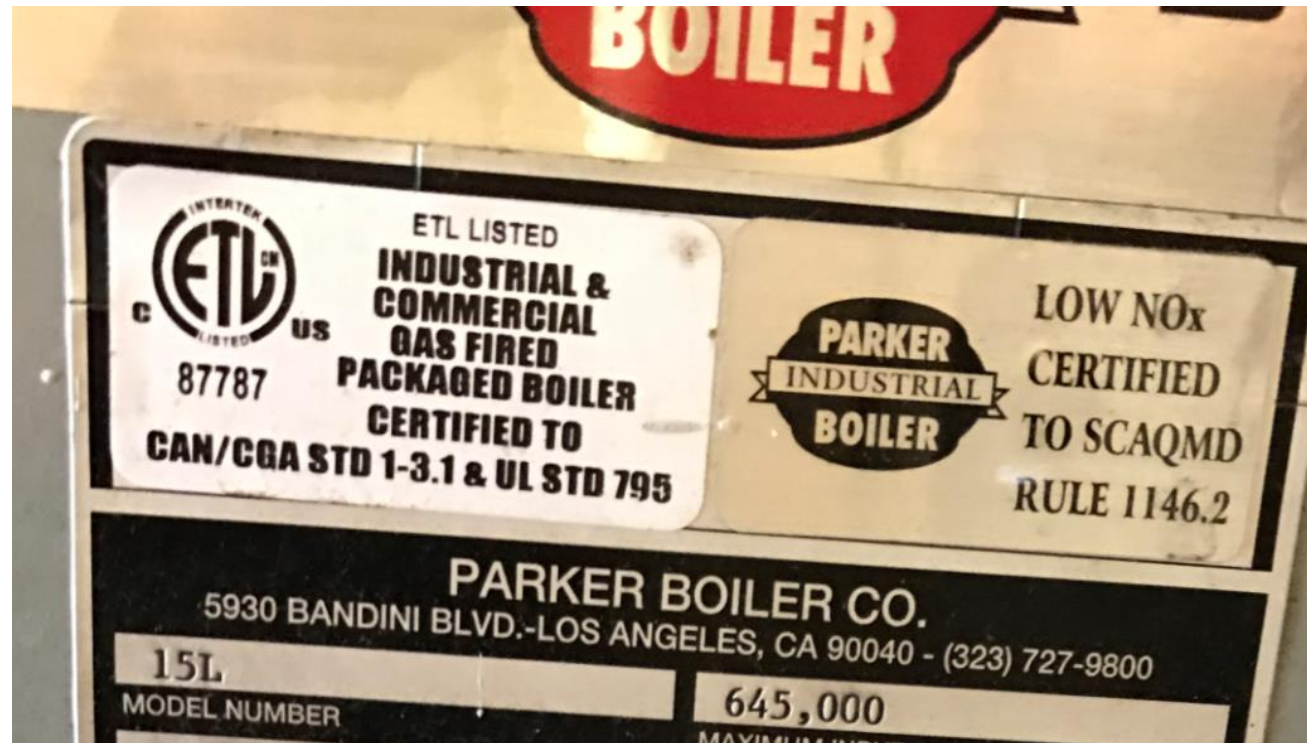
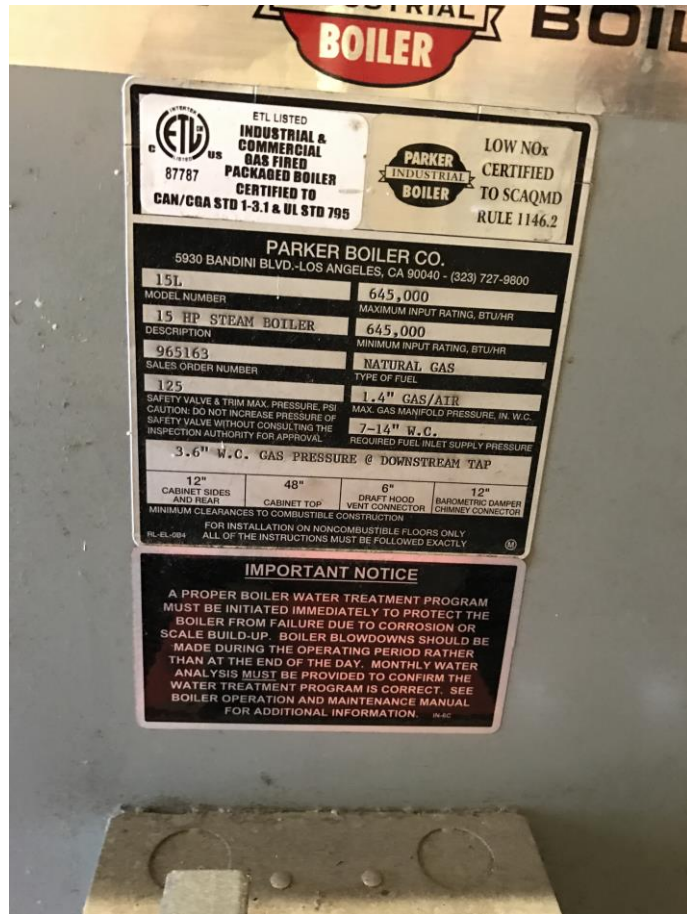
MAX. ALLOWABLE WORKING PRESSURE WHEN BUILT	100	PSI
HEATING SURFACE	593	SQ. FT.
MAXIMUM DESIGNED STEAMING CAPACITY	3968	LB/HR OR MBH
YEAR BUILT	2004	

PARKER BOILER CO.
5930 BANDINI BLVD. • LOS ANGELES, CA 90040

FOR INSTALLATION ON NONCOMBUSTIBLE FLOORS ONLY.
ALL OF THE INSTRUCTIONS MUST BE FOLLOWED EXACTLY.

PARKER Industrial BOILER

Boiler Specification Plates



Boiler Specification Plates



Boiler Specification Plates

DESIGN AMERICAN GAS ASSOCIATION CERTIFIED

Designed, Manufactured and Certified By
TELEDYNE LAARS
Rochester, NH, U.S.A. • Oakville, Ontario, Canada • Moorpark, CA, U.S.A.

APPROVED

This boiler was built in compliance with the A.S.M.E. codes

National Board Number	85372
Maximum W.P. Water	160 P.S.I.
Minimum Relief Valve Capacity	1010 lbs./hr.
Heating Surface	80 sq. ft.
Serial Number	C98H02906

Inches W.C.	LP	Nat.	For alcove installations with the following minimum clearances to combustible construction (inches)
Maximum permissible gas supply pressure	14	9	Water connection side 12
Minimum permissible gas supply pressure for input adjustment	11	5.5	Blank side 6
Normal manifold pressure	9	4	Rear 8
For serviceability, allow 24" in front of boiler			Top 30
			Vent pipe 6"
			Front alcove

* 1 inch if type B1 vent is used.

For Installation on Non-Combustible Flooring Only*
*For installation on combustible flooring, only when installed on special base - part number 10539000

Electrical Characteristics:
115 V • 60 Hz • 1 PH • Less than 12 amperes.

This boiler must be installed in accordance with local codes for gas burning appliances, if any. If not, follow ANSI Z223.1 or, in Canada, CAN/CGA-B149.1 or 2 installation codes.

All service or maintenance should be done by qualified personnel. For name of nearest authorized service organization call or write the factory.

Gas Fired Hot Water Boiler
For Indoor Installation Only
ANSI Z21.13-1994 Low Pressure Boiler, Category I
C.R.N. F1031 - 152T367

Model Number	PW 1010 IN 09 K 1 A B XX		
This Boiler Equipped To Burn	NATURAL Gas	Input	1,010,000 BTU/hr
Minimum Input Rate	252,500 BTU/hr	Output	818,100 BTU/hr
Altitude From	0 to 2000 Feet	Maximum Gas Orifice Size	44 DMS

Instructions To Light or Re-Light Boiler

1. Turn off power to boiler. Turn thermostat to lowest setting.
2. Turn off all manual gas valves and wait 5 minutes.
3. Turn on manual main gas valve and manual pilot valve. Turn on power to boiler. Reset all safety switches.
4. On units with manually ignited pilot(s), depress button on pilot safety device and light pilot. Keep depressed for 1 minute. Release button; if pilot goes out, repeat procedure until pilot remains lit. If multiple pilots are employed, repeat this procedure for each.
5. Pilots will light automatically on intermittent ignition systems.
6. Set thermostat to desired temperature setting.

To Turn Off Boiler

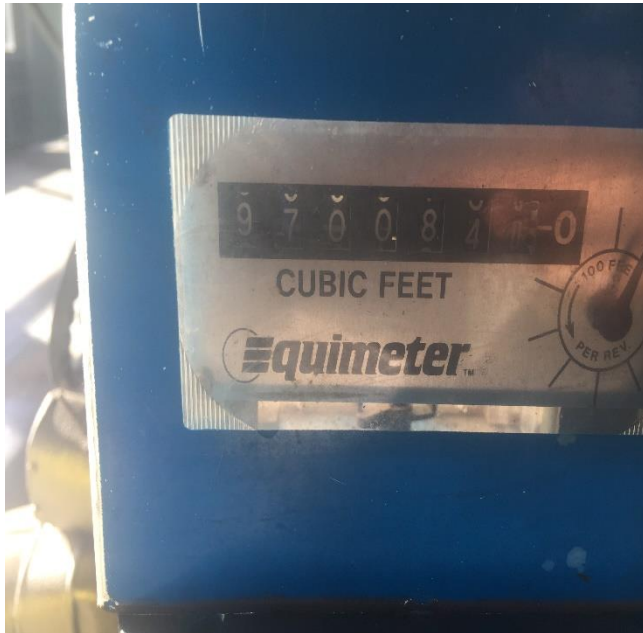
1. Turn off power to boiler. Turn thermostat to lowest setting.
2. Turn off manual main gas valve and manual pilot valve.

H

- No Certification Tag
- Check Certified List

General Requirements for Boilers/Water Heaters

- Rule 206 – Post Permit to Operate within 8 meters of Equipment
- Comply with Rules or Permit Conditions (whichever is stricter)
- Source tests and portable analyzer tests may be required.
- Fuel meters may be required.



Where can you find boilers?

Any facility which requires hot water/steam/HVAC may be equipped with a boiler or water heater.

- Hospitals
- Office Buildings (Associated with HVAC)
 - AQMD Rule 1415 for Stationary AC units charged with greater than 50 lbs of refrigerant/circuit
- Dry Cleaners
- Food Product and Cosmetic Manufacturing
- Cogeneration Facilities

Located in Central Plants, boiler rooms, roofs, HVAC rooms, outside of facilities

Internal Combustion Engines (ICEs)

ENGINE WITH CASING



ENGINE WITH NO CASING



Internal Combustion Engines (ICEs)

An AQMD Permit to Operate is required for every stationary ICE rated >50 bhp.

- Portable ICEs can be permitted by AQMD or registered with CARB (PERP).
- ICEs rated <100 bhp at two-way radio transmission towers with no utilities within ½ mile can submit a Rule 222 registration

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

Section 12 Page 7
Facility I.D. 56
Revision # 3
Date: January 03, 2008

FACILITY PERMIT TO OPERATE
UNIVERSITY SO CALIFORNIA HEALTH SCIENCES

PERMIT TO OPERATE *NOR EAST*

Permit No. M54933
A/N 144995

Equipment Description:
INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3412, SERIAL NO. 58BH5182, 12 CYLINDERS, FOUR CYCLE, TURBOCHARGED, AFTERCOOLED, 890 BHP.

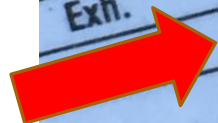
Conditions:

1. OPERATION OF THIS EQUIPMENT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS ENGINE SHALL BE OPERATED ONLY DURING UTILITY POWER FAILURE AND FOR 1 HOUR PER WEEK FOR MAINTENANCE TESTING PURPOSES.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATING RECORDS OF THIS EQUIPMENT SHALL BE KEPT ON FILE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, RULE 1470]

THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING PURPOSES.

Determining if ICE is over 50 bhp

Quickest way to determine bhp is by checking the specification plate. Check for the highest rating of the engine if more than one are listed.



Engine Serial No. 46996627		FEL	EPA
Cust Spec. 0100-4023-02		NOx	4.0
Model QSB7-G3 NR3		PM	0.20
Exh.	Prime HP/KW	227 / 169	at 1800
Exh.	Prime HP/KW	212 / 158	at 1500
	Standby HP/KW	250 / 186	at 1800
	Standby HP/KW	233 / 174	at 1500

to 2009 U.S EPA and California regulations for heavy duty non-road compression ign
RATE ON DIESEL FUEL

1758 AIR INLT HSG	1915 BATT CHRG GEN	THRTDLY FMOD .454
1584 BLOWER	0114 C/S COVER	MAX RPM NL 01800
0262 C/S PUL BELT	0296 C/S PULLEY	ADV GT ADV CAM
0523 CAM/GR TRAIN	0473 CONN ROD/PSTN	VALVE LASH .000
0112 CRANKSHAFT	0390 CYL BLOCK	STARTING AID .000
0142 CYL HEAD	1366 DIPSTICK	
0099 ENG LIFT BRKT	0597 ENGINE MOUNTS	
0522 EXH MANIFOLD	0820 F/W HOUSING	
1733 FAN MOUNTS	1088 FLYWHEEL	
UNIT 12VF011004 S.O.	50448 MODEL 81237416	SPEC A 272750

Determining if ICE is over 50 bhp


If bhp is not available then look for maximum kW rating. You can convert kW to bhp using the following formula:

$$bhp = kW * 1.34$$

If an ICE has a kW rating ≥ 37.4 it may require an AQMD Permit to Operate

In the example to the right, $bhp = 27 * 1.34$; or 36.18 bhp

This is also an example of a generator plate versus a engine plate.



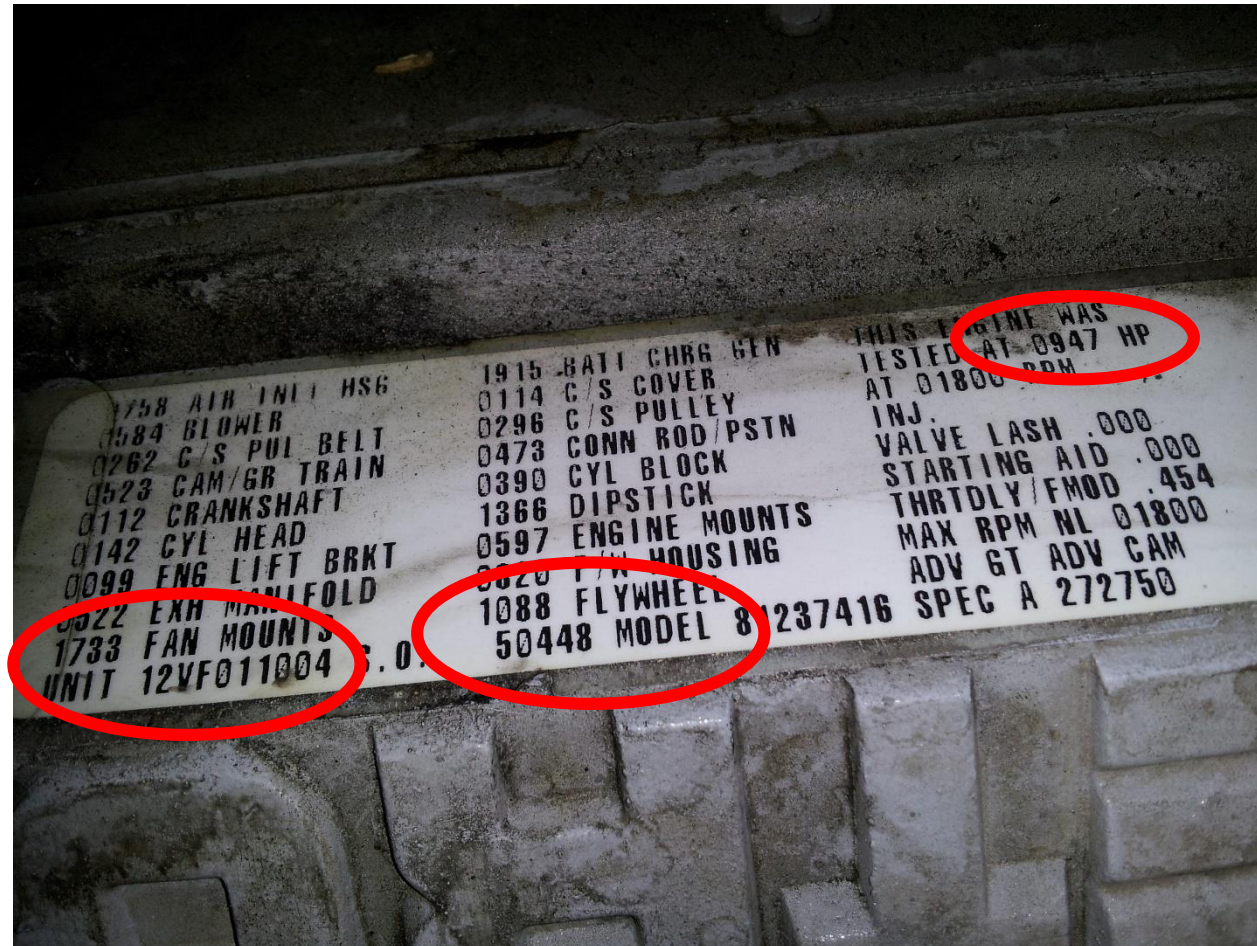
A photograph of a Kohler generator specification plate. The plate is white with black text and is mounted on a dark surface. It contains technical specifications for a generator, including model, serial number, fuel type, and output ratings. The Kohler logo is at the top.

KOHLER®			
KOHLER CO. KOHLER, WI. USA			
MODEL 27EFOZ		SERIAL 0711285	
SPEC. PA-126177			
HZ: 50		RPM: 1500 FUEL: DIESEL	
CONTINUOUS RATING BASED ON A MAXIMUM TEMPERATURE RISE AT RATED LOAD OF 120°C. ALTITUDE: 500 FT.			
GENERATOR TYPE: ROTATING FIELD			
OUTPUT		KW	KVA
SINGLE PHASE 25C		27.00	27.00
SINGLE PHASE 50C			
THREE PHASE 25C			
THREE PHASE 50C			
VOLTAGE	110/220	AMPS 122.70	P.F. 1.0
INS. NEMA CLASS F		BATT. 12 V	

Generator Plate versus Engine Plate

WHISPERWATT DIESEL POWERED AC GENERATOR	
MODEL	DCA-45SSIU3
SERIAL NO.	7203795
AC GENERATOR	
MODEL	DB-050112
ARMATURE CONNECTION	
	Star with Neutral Zigzag
PHASE	3 Single
FREQUENCY	60 Hz 60 Hz
RATED OUTPUT	45KVA (36KW) 26KW (26KVA)
RATED VOLTAGE	240v 480v 240v 120v
RATED CURRENT	108A 54.1A 108A
POWER FACTOR	0.8 1.0
Class F Insulation System	
Made for MQ Power Corp. by Denyo Manufacturing Co., Ltd. Made in USA	
ENGINE	
MODEL	ISUZU BB-4JG1T
TYPE	4 CYL. 4 CYCLE
RATED OUTPUT	55.3 HP 1800 RPM
DISPLACEMENT	3.059 L
FUEL TANK CAP.	26.4 GAL
MQ POWER CORP. A division of Multiquip Inc. CARSON, CALIFORNIA M11030060A	

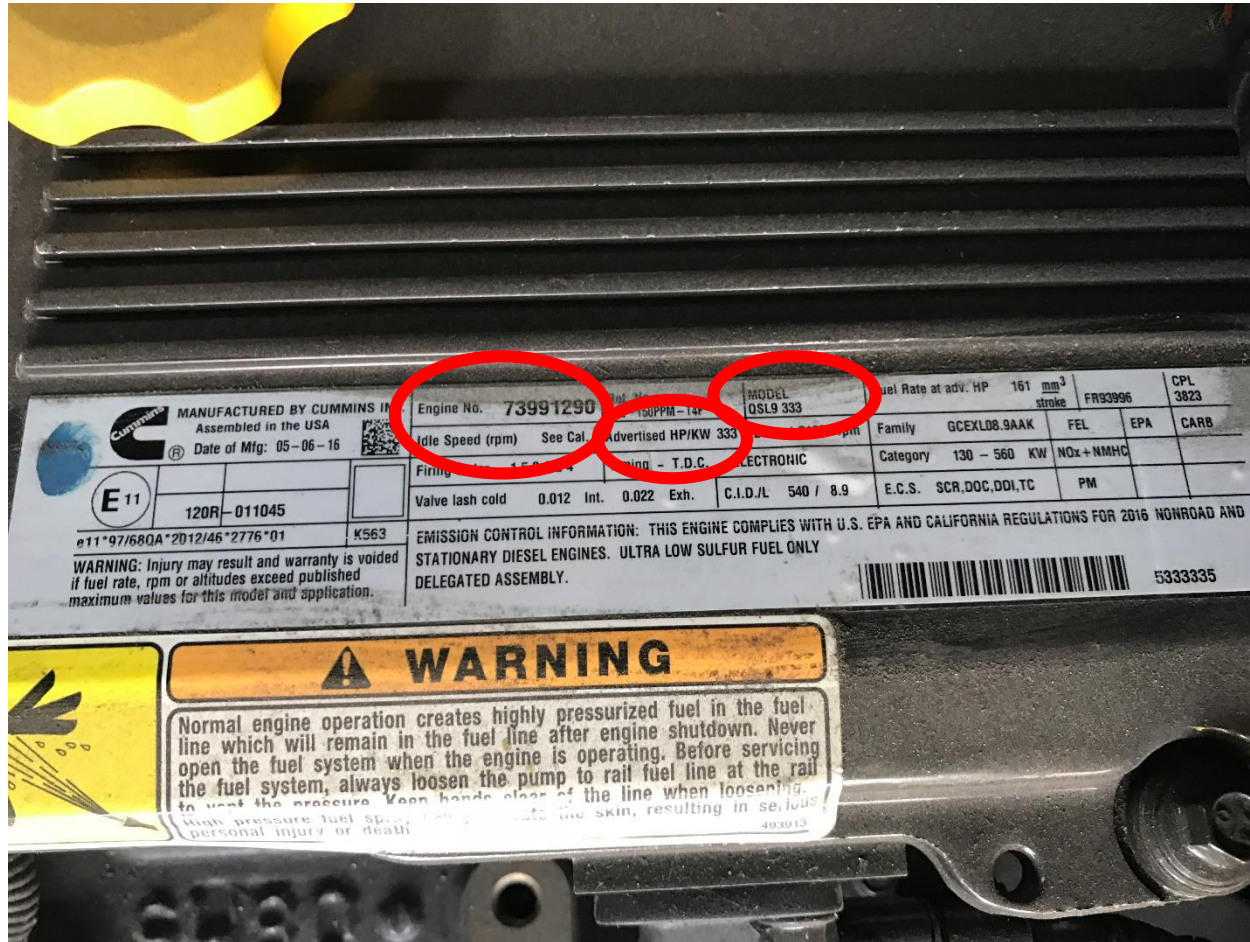
Engine Specification Plates



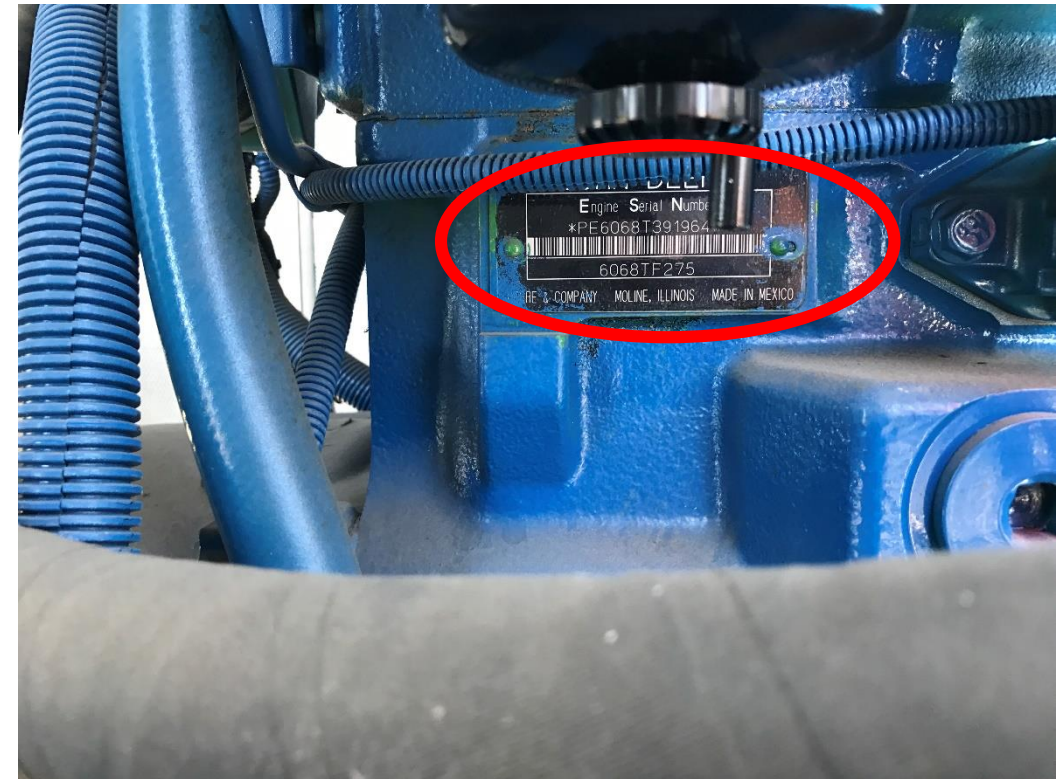
Engine Specification Plates



Engine Specification Plates



Engine Specification Plates



General Requirements for ICEs

- Post Permit to Operate within 8 meters of the equipment
 - Typically posted on inside of generator housing.
- Comply with rules 1110.2 and/or 1470.
- Limits on Non-Emergency Operation
- Keep an engine operating log
 - Maintenance and Testing versus Emergency
- Non-resettable hour meter.

Engine Hour Meters



General Requirements for diesel ICEs

- CARB Diesel Fuel
- Important to find nearest school.
- ICE exhaust within 100 meters of a school property
 - Install control equipment.
 - No non-emergency use between 0730-1630 hours until control installed; then no operation between 0730-1530 hours.
- ICE exhaust greater than 100 meters but less than 500 feet of a school property
 - No non-emergency use between 0730-1530 hours
 - No restriction if equipped with control device.

Control Devices



Portable ICEs

- Can be permitted with a various location SCAQMD permit or through CARB PERP program
- Restrictions on operation under PERP.



Where can you find ICEs?

Can be located at any facility which may required prime or emergency power.

- Cell/Radio towers
- Hospitals/Surgical Centers
- Facilities with servers on site.
- Office Buildings/Buildings which require fire pumps
- Cogeneration plants
- Police and Fire stations
- Schools/Universities
- Dams/Flood control sites

Can be located anywhere on the facility. No standard location.



Permit to Construct

Permit to Construct required before construction begins (Rule 201)



AQMD – FIND Database

The screenshot shows a web browser window with the URL `www3.aqmd.gov/webappl/fim/prog/search.aspx`. The page title is "Facility Information Detail (FIND)". Below the title, there is a description: "Facility Information Detail provides consolidated access to public information about facilities in the AQMD basin. If you have a Facility ID, Application Number, Notice Number and/or Case Number, you can access detail information directly. Or you can utilize the Facility Search feature as your facility information gateway. Regularly scheduled updates are made to this data at least once per week." A link [Click here](#) for a detailed map search is provided.

The search section is titled "Search" and contains a "Find a Facility" section. It includes several input fields and radio buttons:

- ☐ Find a Facility
- Facility Name:
- Street Name:
- City:
- Zip Code:
- ☐ Select Facility ID:
- ☐ Select Application Nbr:
- ☐ Select NOV or NC:
- ☐ Select Hearing Board Case: -

Below the input fields, there are checkboxes for ☐ RECLAIM and ☐ TITLE V. At the bottom of the search section, there are "Search" and "Reset" buttons.

At the bottom of the page, there is a footer with the text "V1.54" on the left and a note on the right: "If you are having trouble finding a facility, please [Click Here for Instructions](#). For further information or if you have any questions about the data returned by FIND, email: webinquiry@aqmd.gov".

<http://www.aqmd.gov/>

<http://www3.aqmd.gov/webappl/fim/prog/search.aspx>

Questions?

Complaint Referrals: 1-800-CUT-SMOG

or

www.aqmd.gov

The image depicts a powerful natural phenomenon, likely a volcanic eruption or a massive dust storm. A colossal, turbulent plume of orange-brown dust and smoke billows upwards from a dark, rugged landscape. The foreground shows dark, rocky hills and valleys, partially shrouded in the lower reaches of the dust cloud. The sky is filled with the dense, swirling mass of dust, creating a dramatic and somewhat ominous atmosphere. The lighting is warm, emphasizing the orange and brown tones of the dust.

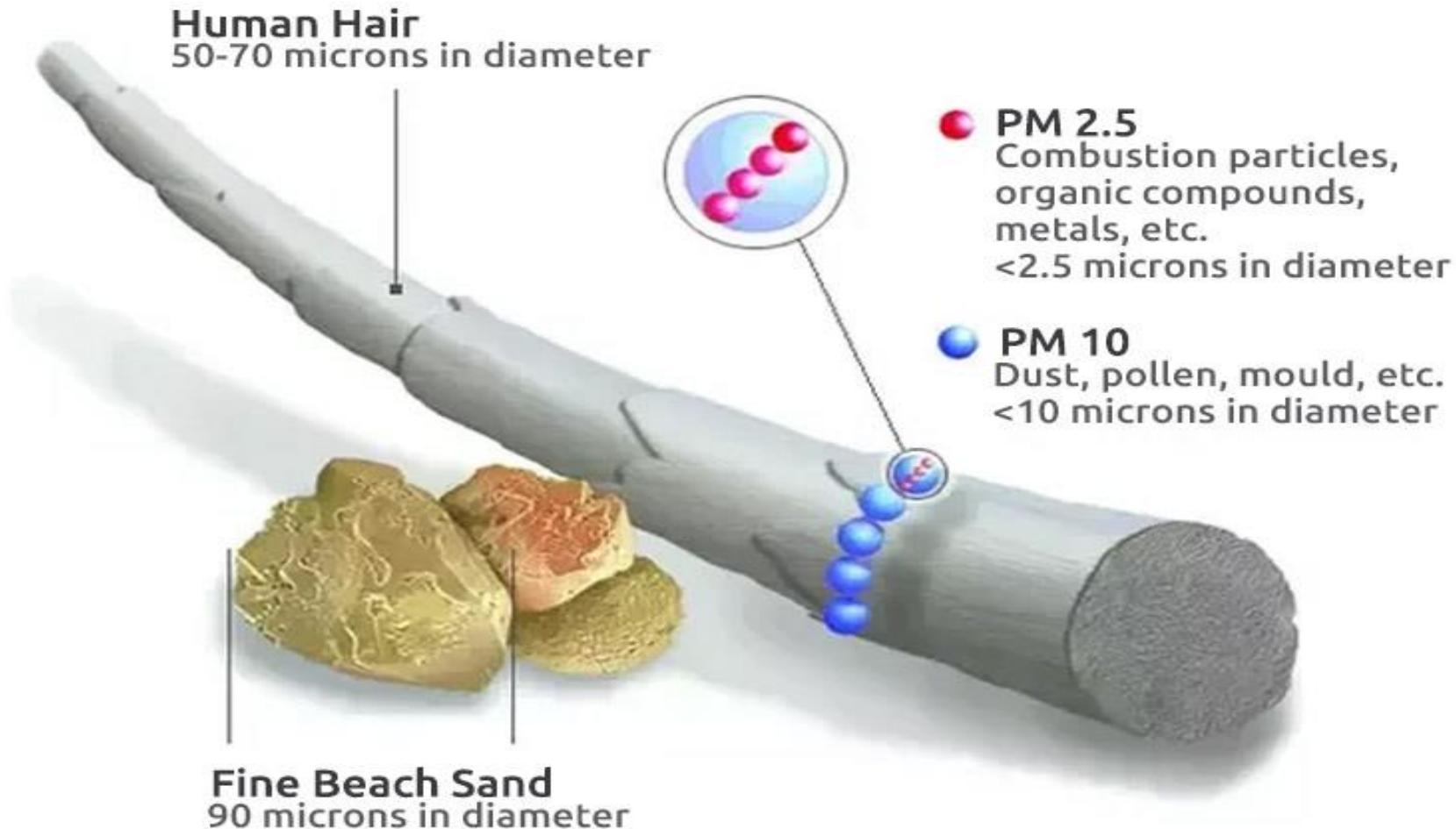
Fugitive Dust

Overview

- Particulate Matter (PM)
- Health Effects of PM
- Rule 403
- Best Available Control Measures
- Common Problems

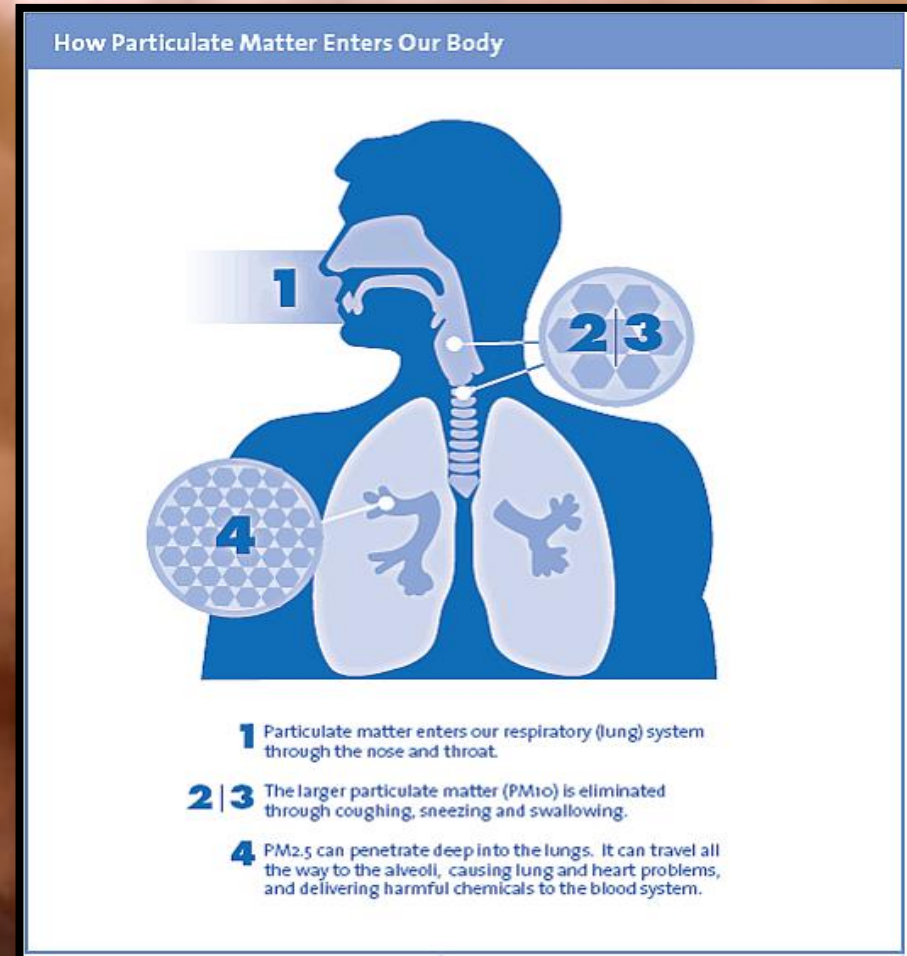
Particulate Matter

PM 2.5 & PM 10



Health Effects

- Premature Death
- Cancer
- Cardio-Respiratory Disease



Rule 403: Fugitive Dust

- Purpose
 - Reduce the amount of particulate matter in the air that results from man-made sources

Active Operations

Earth Moving



Vehicular Traffic



Demolition



Best Available Control Measures (BACM)

Source Category		Control Measure	Guidance
Earth-moving activities	08-1	✓ Pre-apply water to depth of proposed cuts; and	✓ Grade each project phase separately, timed to coincide with construction phase
	08-2	✓ Re-apply water as necessary to maintain soils in a damp condition; and	✓ Upwind fencing can prevent material movement on site
	08-3	✓ Stabilize soils once earth-moving activities are complete.	✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes

Source Categories

Stockpiles



Screening



Disturbed Soil



Common Problems

- Track Out
- Dust Crossing the Property Line

Track-Out



Track-Out



Dust Crossing the Property Line



Additional Training

<http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust>

The screenshot shows a web browser window with the URL [aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust](http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust). The page features the South Coast AQMD logo and a navigation menu with links to AIR QUALITY, RULES & COMPLIANCE, INCENTIVES & PROGRAMS (highlighted), PERMITS, NEWS, AGENDAS, & WEBCASTS, TECHNOLOGY ADVANCEMENT, and RESOURCES. The main content area is titled "Dust Control in the South Coast Air Basin (Rule 403)" and describes a three-hour training class. It lists topics covered, including Rule 201, Rule 401, Rule 402, Rule 403, Rule 1466, and SCAQMD Dust Control Plan Guidelines. A sidebar on the right titled "YOU MAY ALSO LIKE ..." lists related topics: Business, Incentives & Programs, Authority, and Guidelines. The footer shows the Windows taskbar with the date 7/17/2018 and time 1:40 PM.

Dust Control in the South Coast Air Basin (Rule 403)

This three-hour training class provides attendees with a comprehensive overview of AQMD dust control requirements and current strategies for preventing, mitigating and controlling the release of airborne particulate matter (dust) emissions from earth moving activities undertaken within the South Coast Air Basin. Topics covered during the training class include:

- [Rule 201](#) (Permit to Construct) and [Rule 203](#) (Permit to Operate)
- [Rule 401](#) (Visible Emissions)
- [Rule 402](#) (Public Nuisance)
- [Rule 403](#) (Fugitive Dust)
- [Rule 1466](#) (Soils with Toxic Air Contaminants)
- SCAQMD Dust Control Plan Guidelines and Approval Process (when applicable)

All attendees successfully completing the training class will receive a certificate of completion, valid for 2 years from the date of issuance.

Who Should Attend?

Dust control supervisors who oversee large operations (sites with at least 50 acres of disturbed surface area, or whose daily earth-moving operations equal or exceed 5000 cubic yards on three days in any year) in the South Coast Basin are required to successfully complete this training class.

YOU MAY ALSO LIKE ...

- Business**
Incentives and programs for the business community.
- Incentives & Programs**
SCAQMD offers a broad range of programs for businesses, the community, and local government.
- Authority**
FEDERAL AIR QUALITY LAW
- Guidelines**
General enforcement guidelines from the SCAQMD district prosecutor's office

More Information

Contact

- Email: [Dust Control Team](#)

Additional Information

<http://www.aqmd.gov/home/rules-compliance/compliance/rule-403-dust-control-information>

The screenshot displays the AQMD website's 'Rule 403 Dust Control Information' page. The browser's address bar shows the URL: [aqmd.gov/home/rules-compliance/compliance/rule-403-dust-control-information](http://www.aqmd.gov/home/rules-compliance/compliance/rule-403-dust-control-information). The website's header includes the AQMD logo, navigation links (Language, F.I.N.D., About, Contact, Grants & Bids, Online Services, I'm Looking For), and a search bar. A secondary navigation bar lists categories: AIR QUALITY, RULES & COMPLIANCE (highlighted), INCENTIVES & PROGRAMS, PERMITS, NEWS, AGENDAS, & WEBCASTS, TECHNOLOGY ADVANCEMENT, and RESOURCES. Below the header, a breadcrumb trail reads: Home / Rules & Compliance / Compliance / Rule 403 Dust Control Information. The main heading is 'Rule 403 Dust Control Information'. The content area features a paragraph explaining fugitive dust and the application of Rule 403 and Rule 403.1. Below this, a section titled 'SOUTH COAST AIR BASIN LARGE OPERATION NOTIFICATIONS' provides details on project notifications and the requirements of Rule 403. A sidebar on the right, titled 'YOU MAY ALSO LIKE ...', lists related resources: 'Training-403 & 403.1 Fugitive Dust', 'Training-2202 ETC', and 'Visible Emissions, Public Nuisance & Fugitive Dust'. The Windows taskbar at the bottom shows the system time as 1:53 PM on 7/17/2018.

aqmd.gov/home/rules-compliance/compliance/rule-403-dust-control-information

Language F.I.N.D. About Contact Grants & Bids Online Services I'm Looking For Search aqmd.gov

AIR QUALITY RULES & COMPLIANCE INCENTIVES & PROGRAMS PERMITS NEWS, AGENDAS, & WEBCASTS TECHNOLOGY ADVANCEMENT RESOURCES

Share: f t G+

Home / Rules & Compliance / Compliance / Rule 403 Dust Control Information

Rule 403 Dust Control Information

Fugitive dust is particulate matter that is suspended in the air by direct or indirect human activities. Two SCAQMD rules were adopted with the purpose of reducing the amount of fugitive dust entrained as a result of human activities. [Rule 403](#) applies to any activity capable of generating fugitive dust. [Rule 403.1](#) is supplemental to Rule 403 and applies only to fugitive dust sources in Coachella Valley.

SOUTH COAST AIR BASIN LARGE OPERATION NOTIFICATIONS

The following applies to projects not located in the Coachella Valley. For projects in the Coachella Valley, please see the Coachella Valley Fugitive Dust Control Plan section.

[Rule 403](#) requires the implementation of best available dust control measures (BACM) during active operations capable of generating fugitive dust. This rule also requires activities defined as "large operations" to notify the SCAQMD by

YOU MAY ALSO LIKE ...

[Training-403 & 403.1 Fugitive Dust](#)
A comprehensive overview of SCAQMD dust control requirements and current strategies for preventing, mitigating and controlling the release of airborne particulate ma...

[Training-2202 ETC](#)
This is the class you must take to become an Employee Transportation Coordinator (ETC).

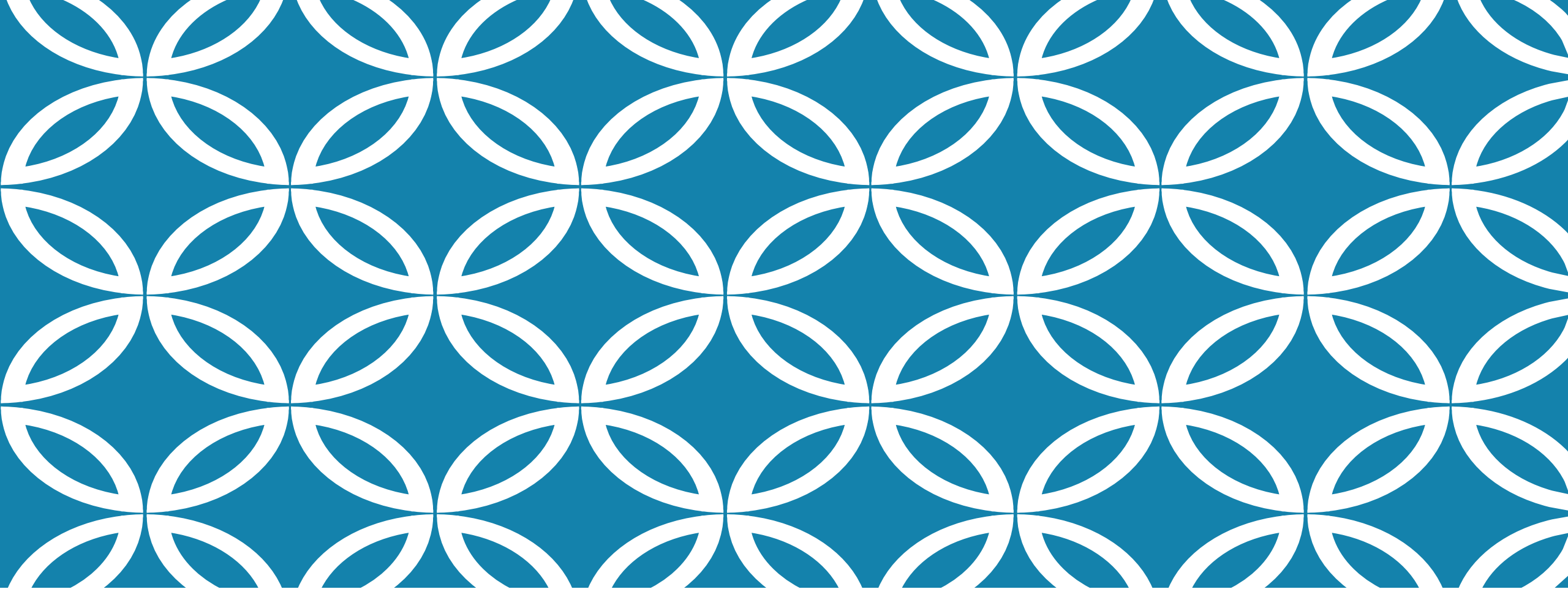
[Visible Emissions, Public Nuisance & Fugitive Dust](#)

Contacts

- Complaints or Referrals
 - 1-800-CUT-SMOG
 - www.aqmd.gov
- Dust Hotline
 - 866-861-3878
- To register for the dust class
 - 866-861-3878
 - dustcontrol@aqmd.gov

Questions

The background image is a dramatic landscape. In the foreground, there are dark, jagged, and rocky hills or mountains. Above the horizon, a massive, billowing cloud of orange and brown smoke or ash rises into the sky, filling most of the upper half of the frame. The lighting is warm and intense, suggesting a volcanic eruption or a large fire. The word "Questions" is centered in the middle of the image in a white, sans-serif font.



SOUTH COAST AQMD

A brief overview of
the vapor recovery
program

WHY CONTROL GASOLINE VAPORS?

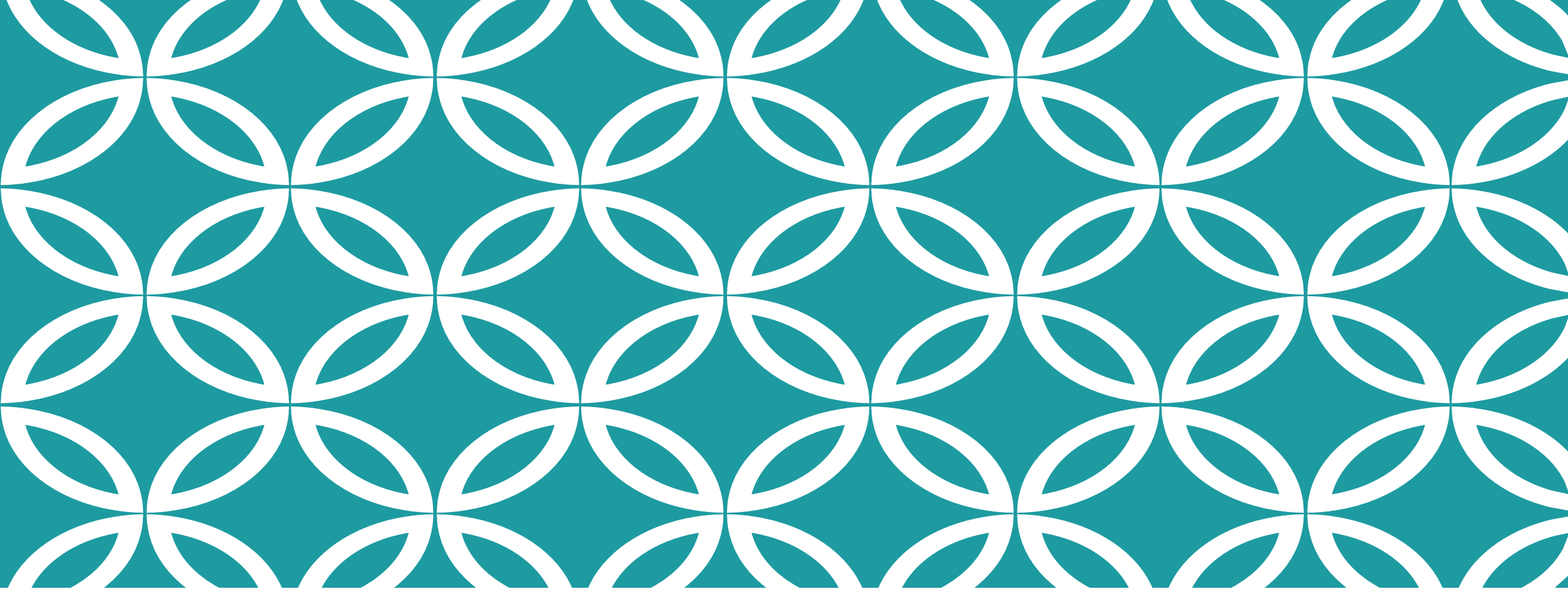
Gasoline vapors contribute to the formation of ground level ozone and contain benzene which is considered by the State to be a toxic air contaminant.

SCAQMD Basin Population	- 17Million
Number of Vehicles	- 12 Million
Retail GDF	- 3,400
Non-Retail GDF	- 1,100

Approximately 7 Billion Gallons of Gasoline Dispensed Annually

CLASS TOPICS

- Types and Principles of Gasoline Vapor Recovery
- Equipment Inspection
- Non-SCAQMD issues
- Contact Information
- Questions



TYPES AND PRINCIPLES OF GASOLINE VAPOR RECOVERY

VAPOR RECOVERY SYSTEMS

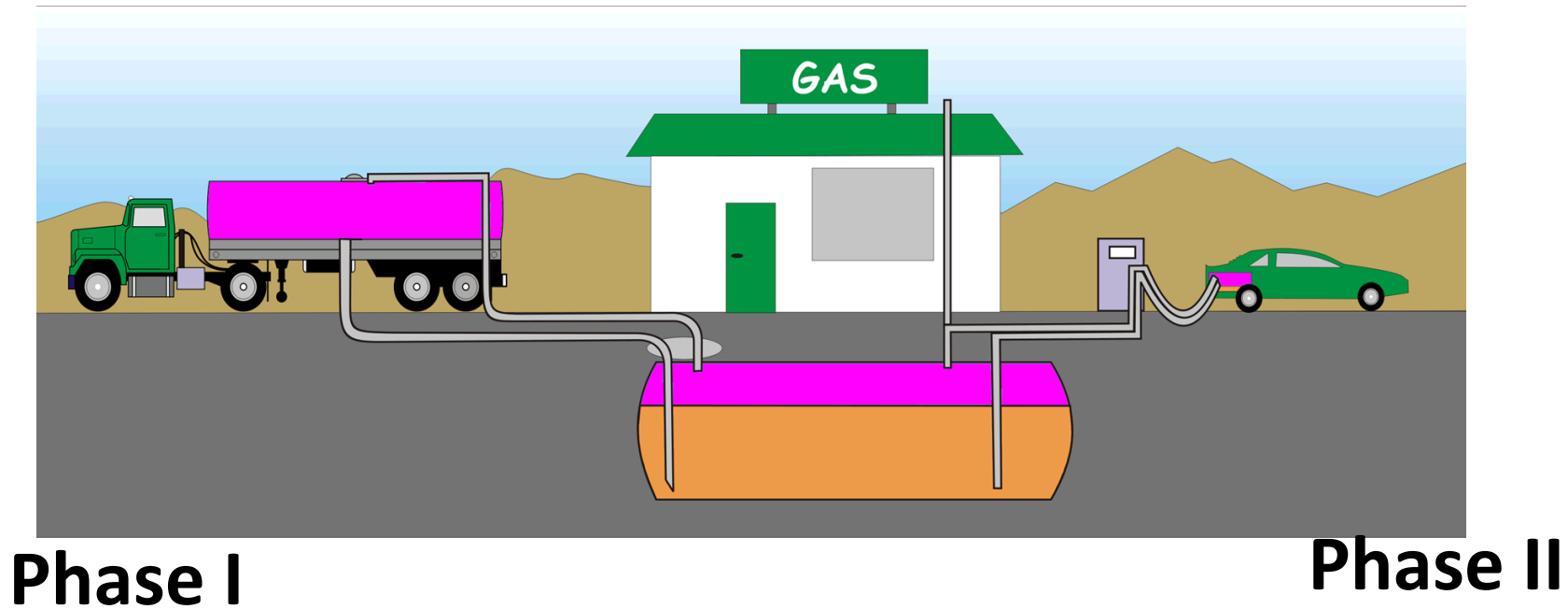
Transfer Gasoline (Phase I)

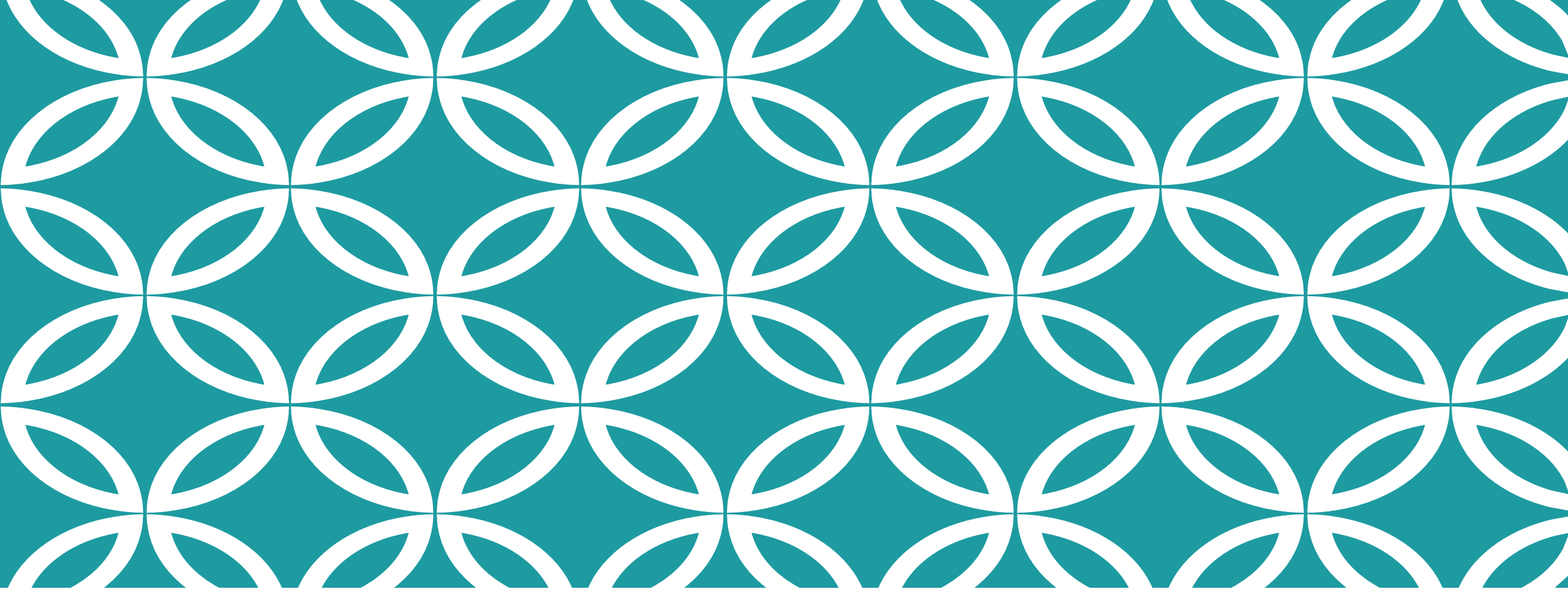
- **Delivery unit**
 - Tanker truck, trailer
- **Receiving unit**
 - Storage tank

Dispensing Gasoline (Phase II)

- **Storage tank**
- **Motor vehicle fuel tank**

VAPOR RECOVERY SYSTEMS AT GASOLINE DISPENSING FACILITIES





PHASE I SYSTEM OVERVIEW





Phase I - Collects and recovers gasoline vapors displaced when a tanker truck or other delivery vehicle makes a gasoline delivery at a dispensing facility.

PHASE I EVR COMPONENTS

- Dual Point System
- Rotatable Adaptors
- Fill Side Drain Valves
- Vapor Side Poppet Valve
- Dust Caps
- Spill Buckets
- Pressure/Vacuum Valves

Dual Point System

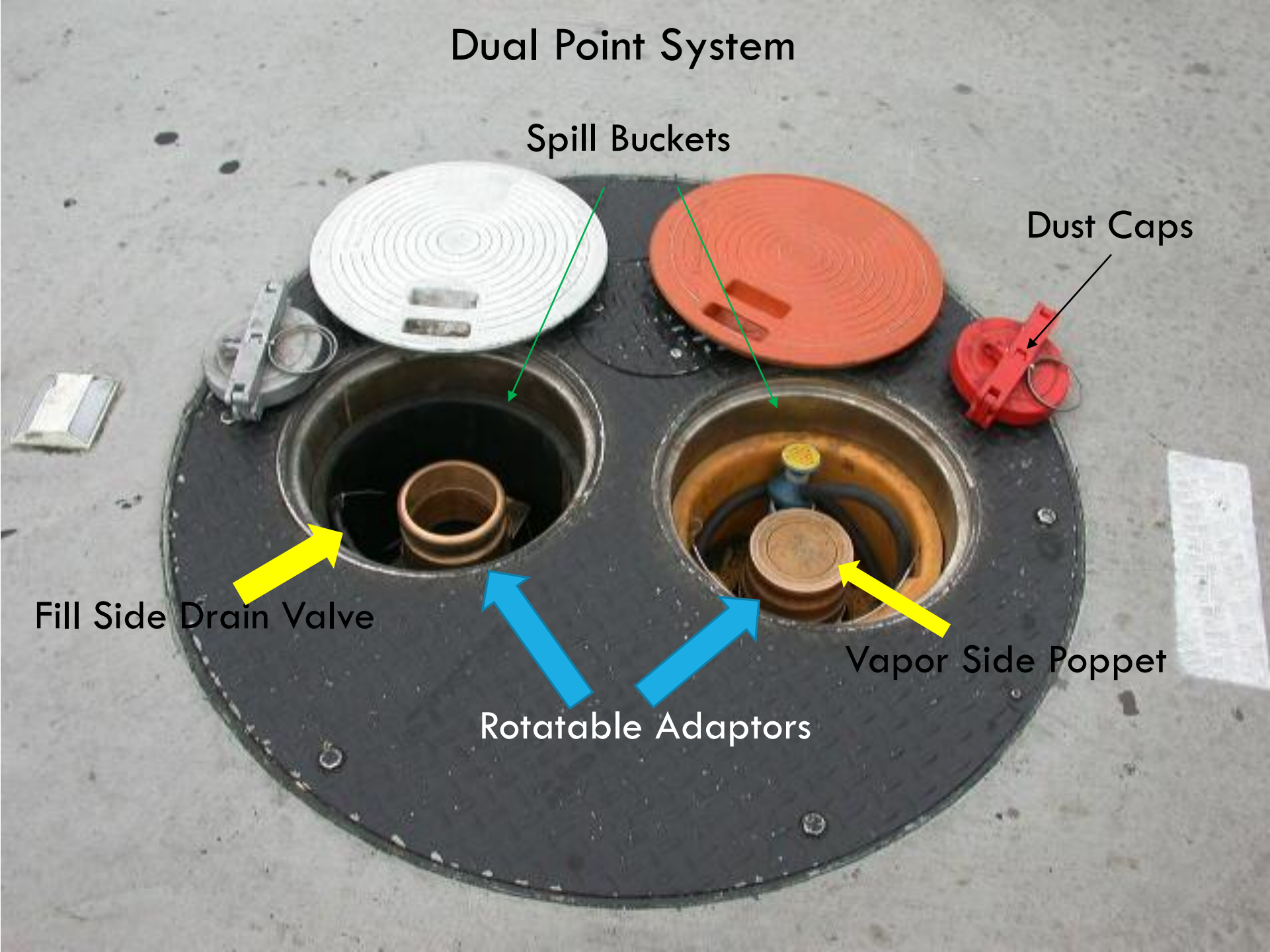
Spill Buckets

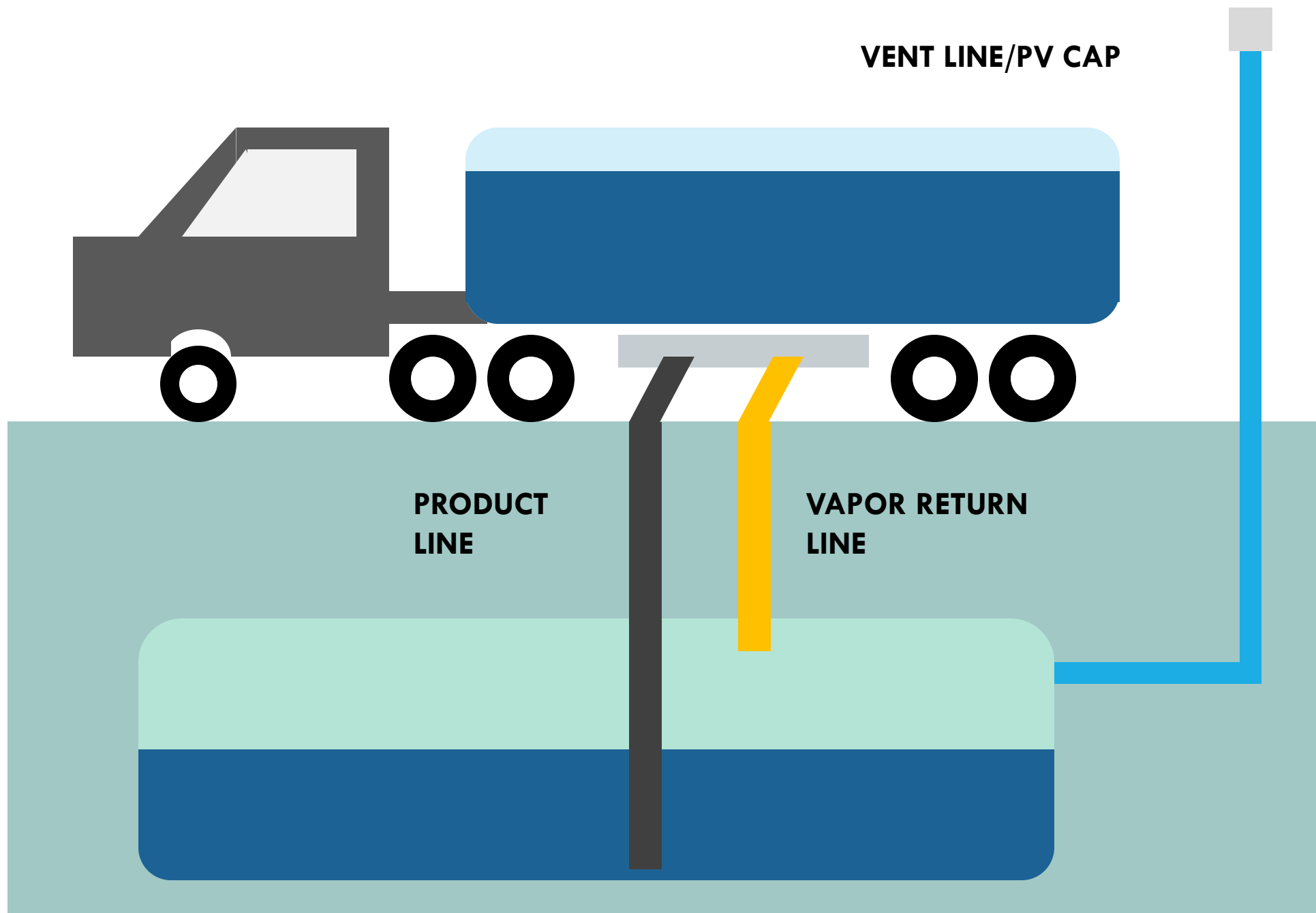
Dust Caps

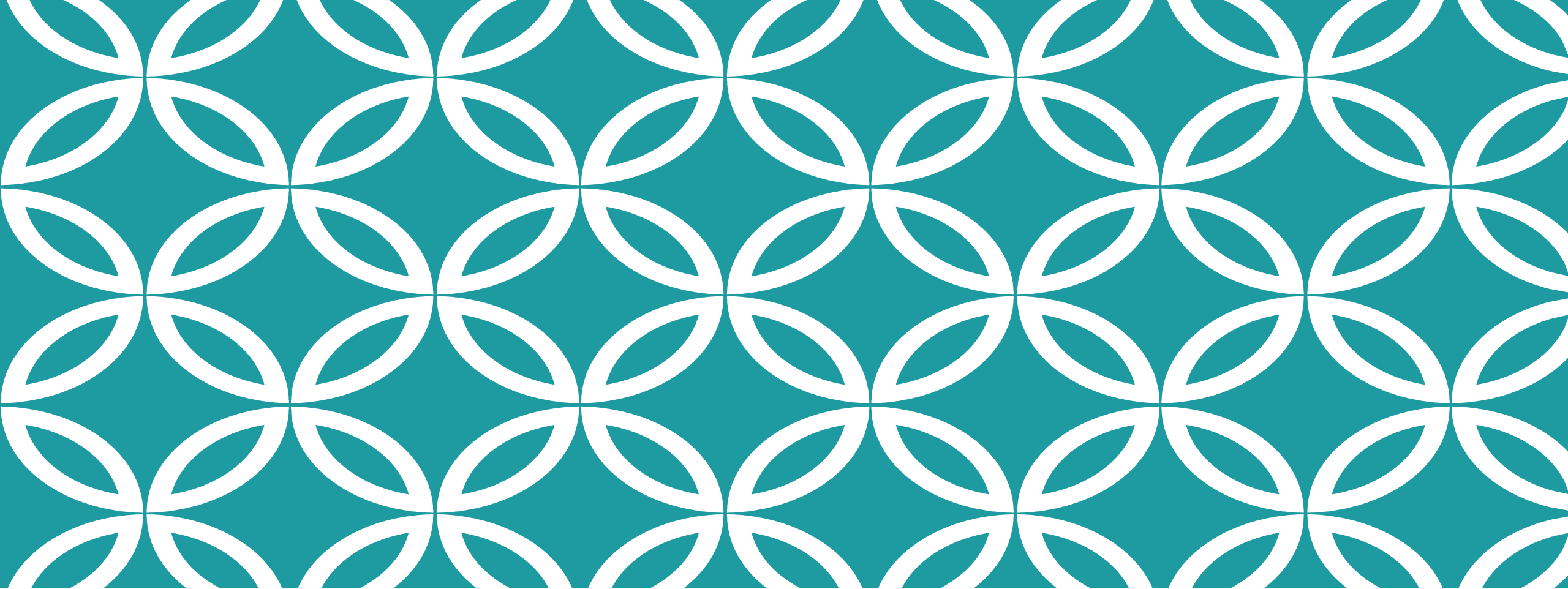
Fill Side Drain Valve

Vapor Side Poppet

Rotatable Adaptors







PHASE II SYSTEM OVERVIEW





Phase II - Collects and recovers gasoline vapors displaced during vehicle fueling

PHASE II EVR COMPONENTS

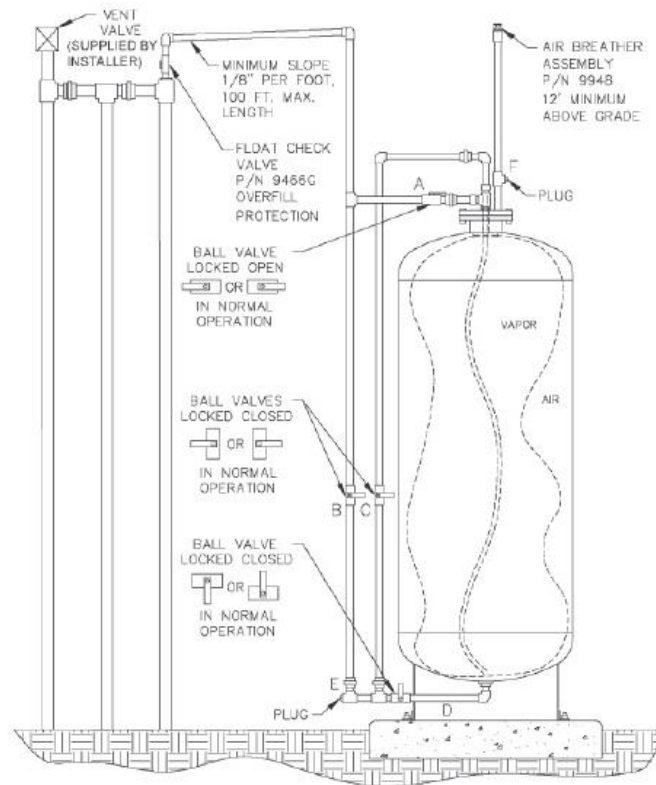
- Balance / Vacuum Assist System
- Coaxial Hoses
- Breakaway
- Nozzles (Faceplate, Boot, Hold Open Latch)
- Liquid Removal Device (Balance Only)
- Vacuum Pump (Vac-Assist Only)
- Flow Limiter (Vac-Assist Only)
- Vapor Processors

PRESSURE MANAGEMENT EQUIPMENT (PROCESSORS)

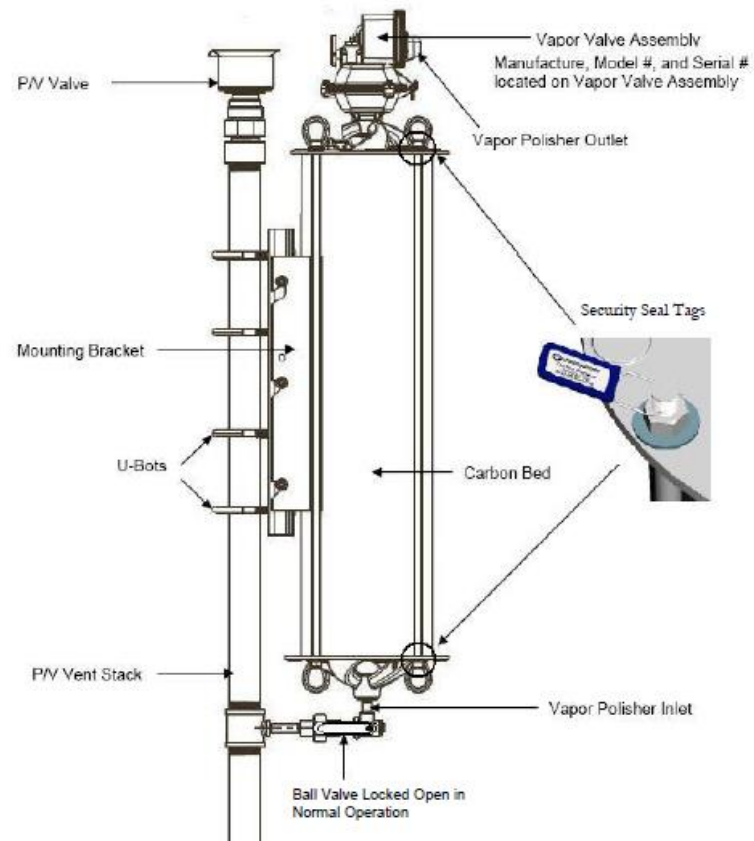
Vapor Processors control pressure in the storage tanks to reduce emissions during idle periods.

- Healy Clean Air Separator
- Veeder-Root Vapor Polisher (Carbon Canister)
- VST Cell Membrane Processor
- Hirt Thermal Oxidizer (Burner)
- VST Green Machine

HEALY CLEAN AIR SEPARATOR

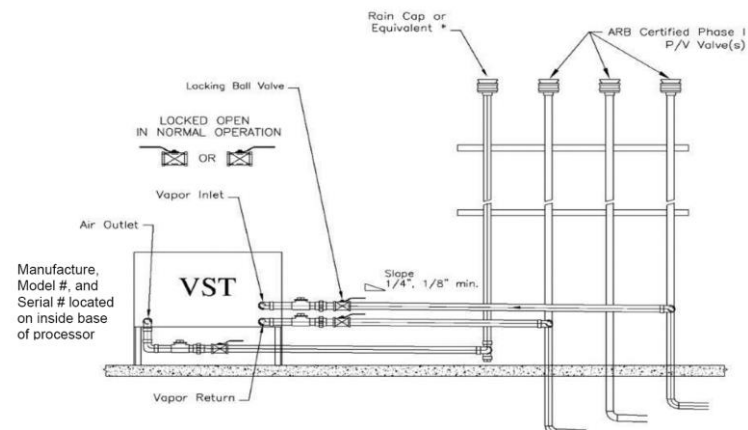


VEEDER-ROOT CARBON CANISTER



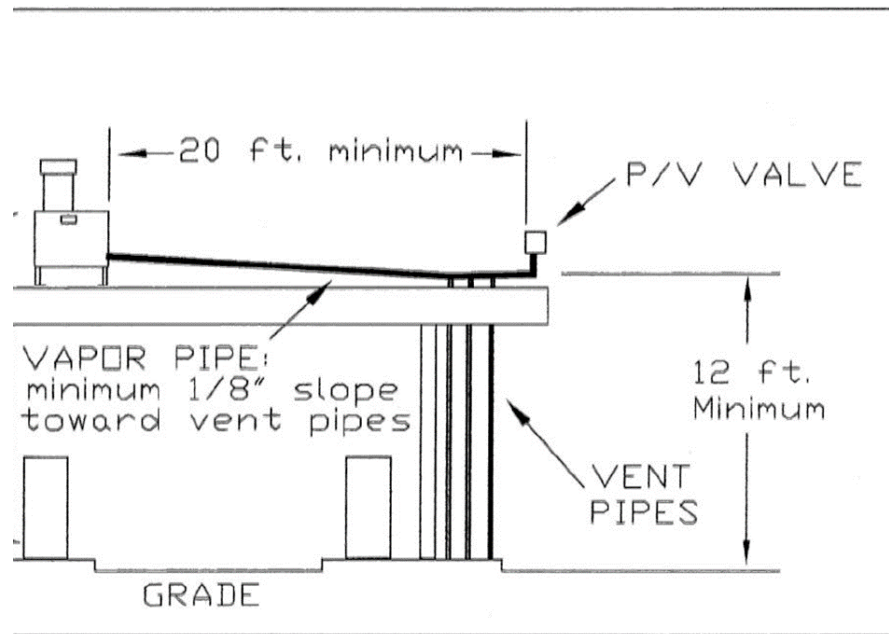
VST CELL MEMBRANE

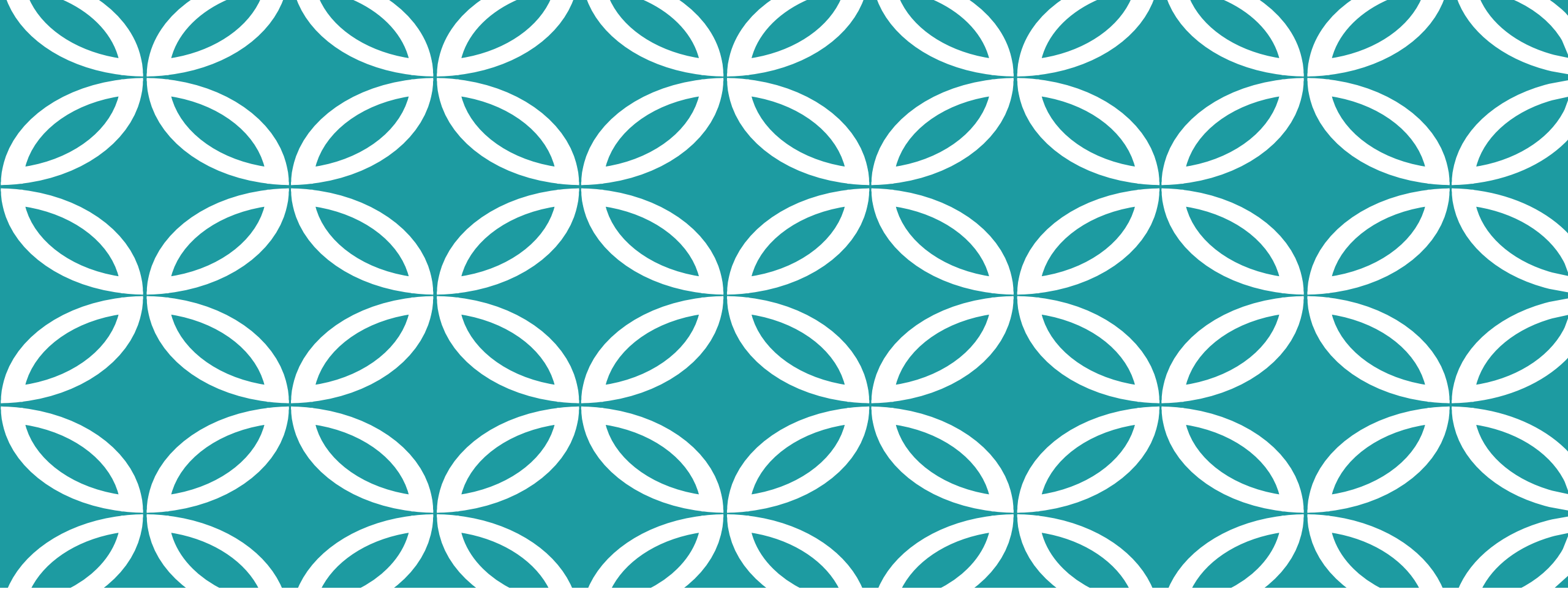
Diagram



HIRT BURNER

Diagram (canopy mounted)





PHASE I EQUIPMENT INSPECTION



The spill container is clean and does not contain gasoline.





03.28.2008 10:18

PRODUCT FILL CAP: The fill caps are not missing, damaged or loose



Product fill cap with intact gasket

VAPOR CAP: The vapor caps are not missing, damaged or loose



Vapor cap with intact gasket



The vapor poppet
is flush with the
outer section of
the adaptor to
ensure a vapor-
tight seal



VAPOR POPPETS



PRESSURE / VACCUUM VENT VALVE (P/V) CAP

Vent lines are equipped with a certified Pressure Vacuum (P/V) vent valve cap.



THIS COMPONENT WAS TESTED TO AND MET THE FOLLOWING CRITERIA:

PRES. 2.5-6 IN. W.C.

VAC. 6-10 IN. W.C.

.05 CFH @ +2 IN. W.C.

.21 CFH @ -4 IN. W.C.



HUSKY CORPORATION
MODEL 5485

VAPOR RECOVERY SYSTEM
ACCESSORY
PRESSURE VACUUM VENT
VACUUM 6" WATER COLUMN
PRESSURE 3" WATER COLUMN
7900 SCFH AT 2 PSID



**EVR
APPROVED**

83P1
MARKET COMPENSATION
MODEL 1840
SUGGESTED RETAIL PRICE
\$199.99
\$149.99



THIS COMPONENT WAS TESTED TO AND MET THE FOLLOWING CRITERIA
PRES. 2.5 to 6.0 IN. W.C.
10.0 IN. W.C.
W.C.
IN. W.C.



723V

PRESSURE VACUUM VENT

Breathe easy. Be compliant. Save money.





6450 SCFH AT 2 PSI MAX



LISTED BM13

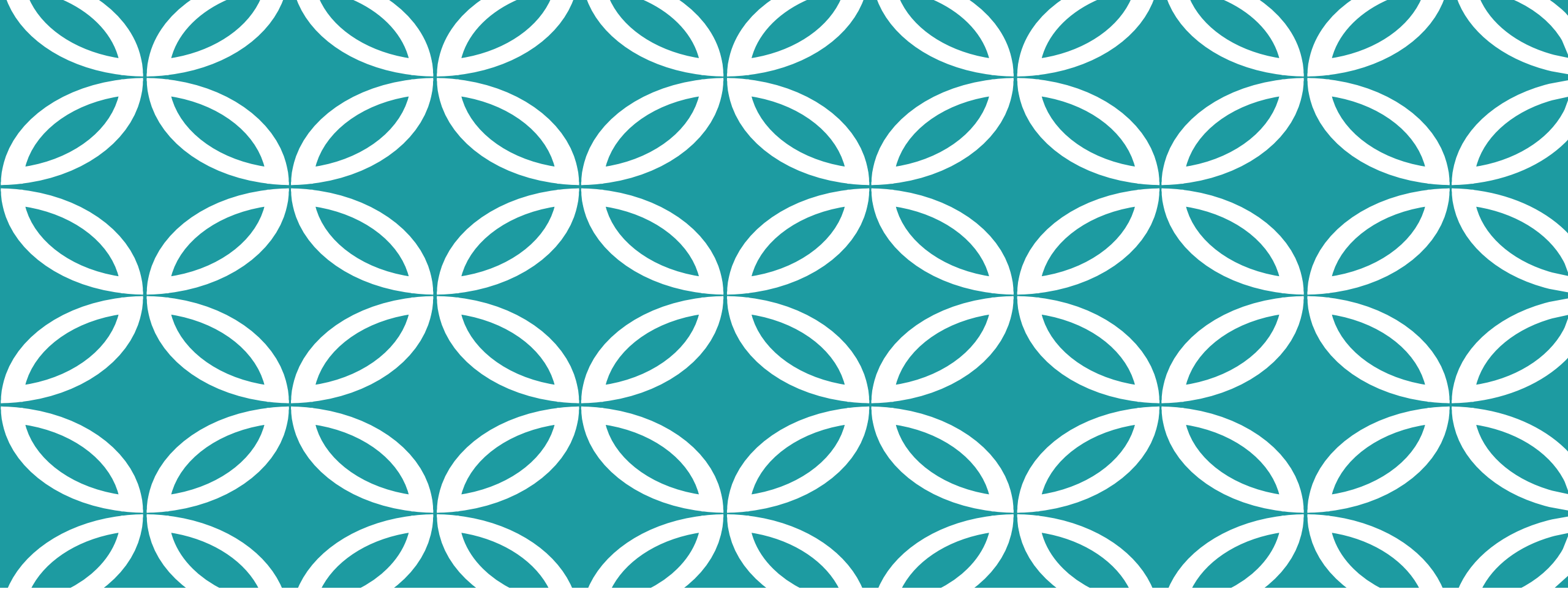
VAPOR RECOVERY P/V VENT

OPW

7231

SIZE

FOR AUTOMOTIVE USES



PHASE II EQUIPMENT INSPECTION



SCAQMD SIGNS:
The fueling
instructions are
clearly displayed
with the appropriate
toll free complaint
phone number and
toxic warning signs.



INSTRUCTIONS FOR NOZZLE OPERATION
CLEAN AIR NOZZLES HELP FIGHT SMOG

1. INSERT NOZZLE



**2. TILT DOWN TO ENGAGE
DISPENSE GASOLINE**



**3. TO REMOVE NOZZLE
WAIT 3 SECONDS
PUSH IN AND LIFT NOZZLE**



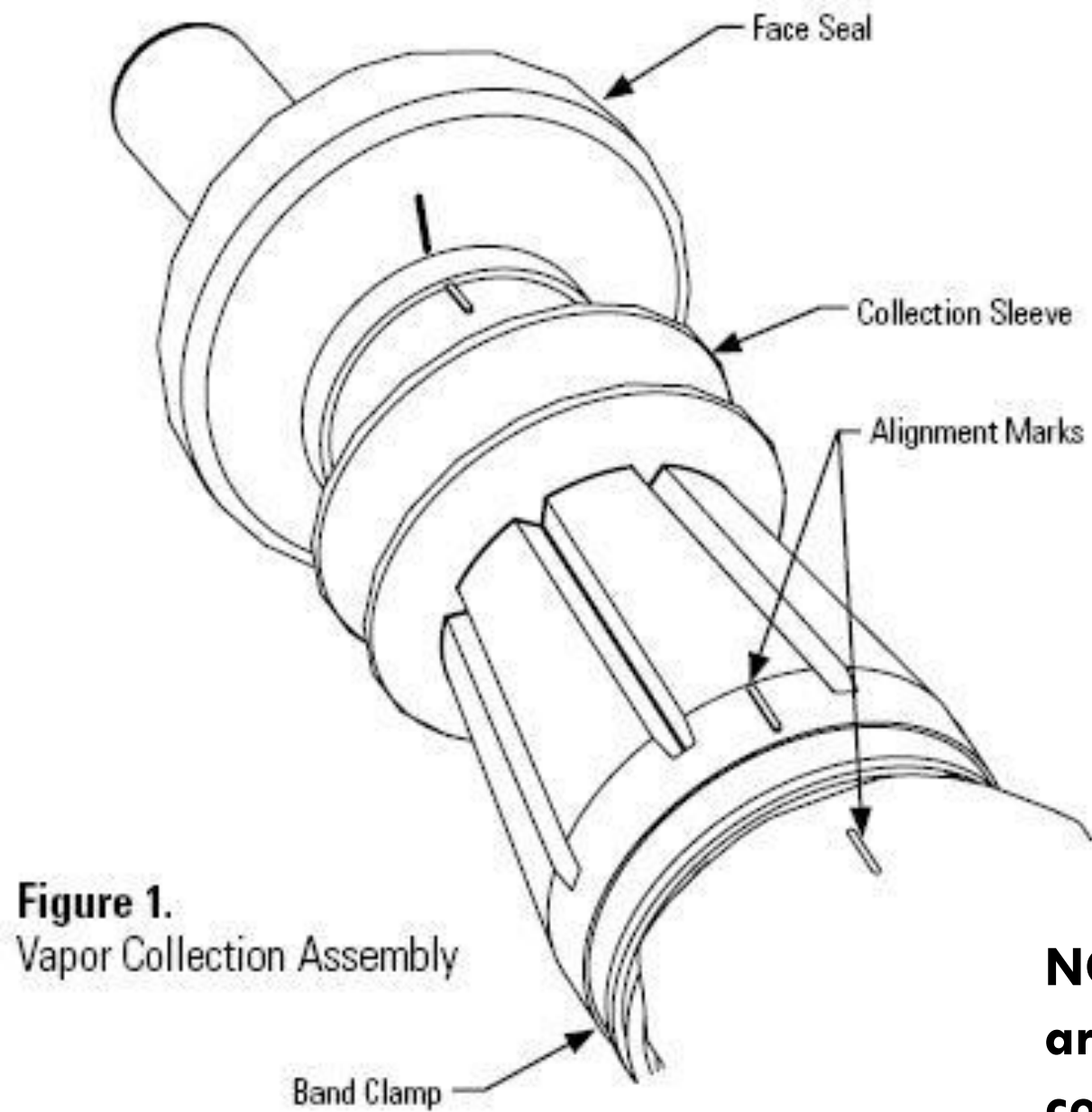
AVOID SPILLAGE
DO NOT TOP OFF

TOXIC RISK, AVOID BREATHING FUMES

NOZZLE PROBLEMS?

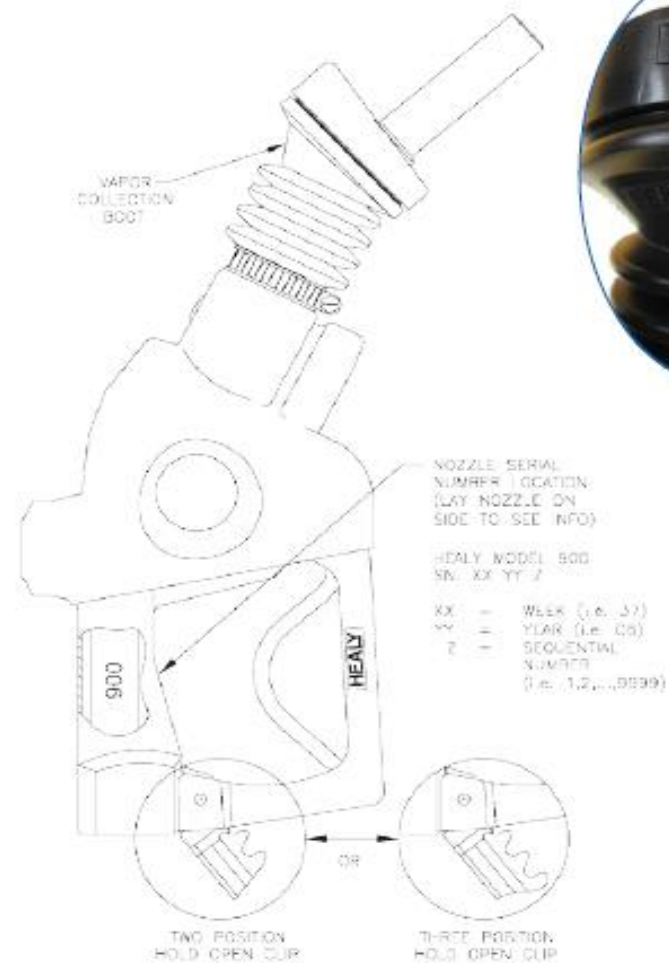
**CALL TOLL FREE
AIR POLLUTION CONTROL DISTRICT**

800-242-4020



NOZZLES: Nozzle components are in place and in good condition

Healy Model 900 EVR Nozzle

FIGURE 1-1
(Drawing)FIGURE 1-2
(Image)

NOZZLE FACEPLATES



NOZZLE FACEPLATES



NOZZLE SPOUT:

Spout must be secured and the automatic shut off port is positioned on the bottom of the spout.



BALANCE HOSES



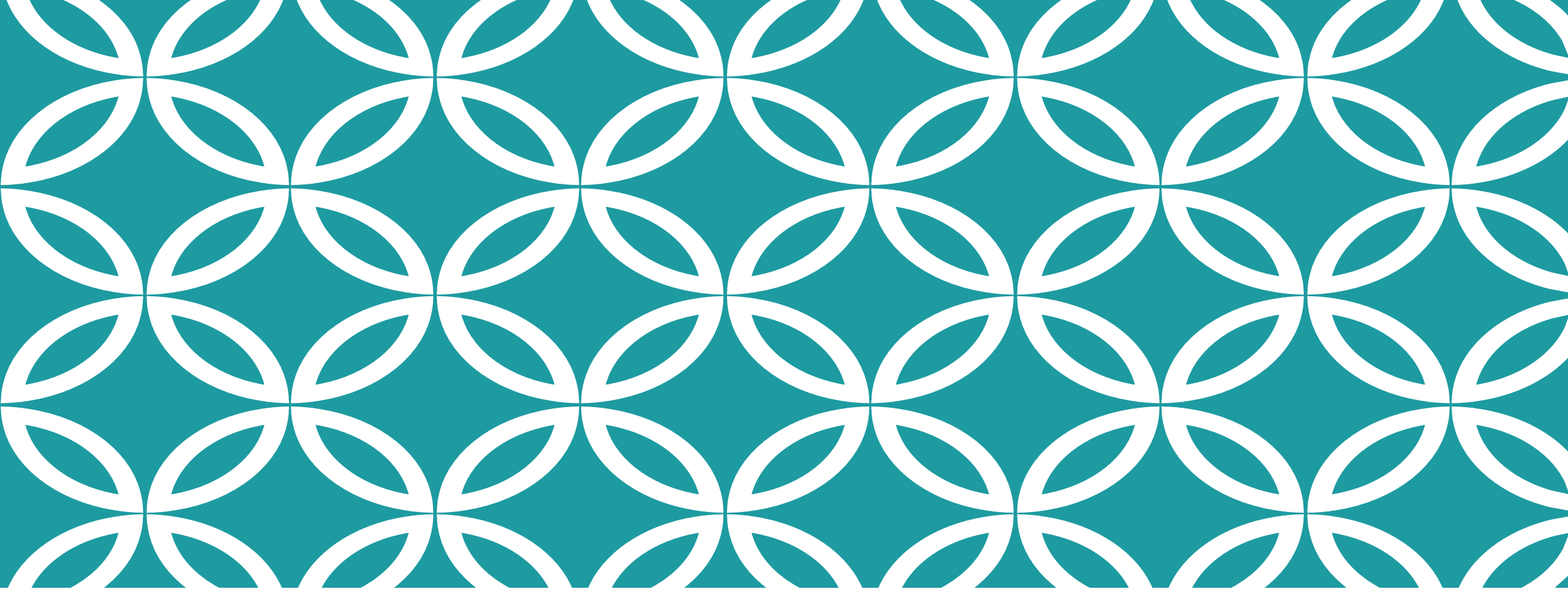
Hoses are not torn, flattened or crimped.

TORN BALANCE HOSES



VACUUM ASSIST HOSE





NON-SCAQMD ISSUES

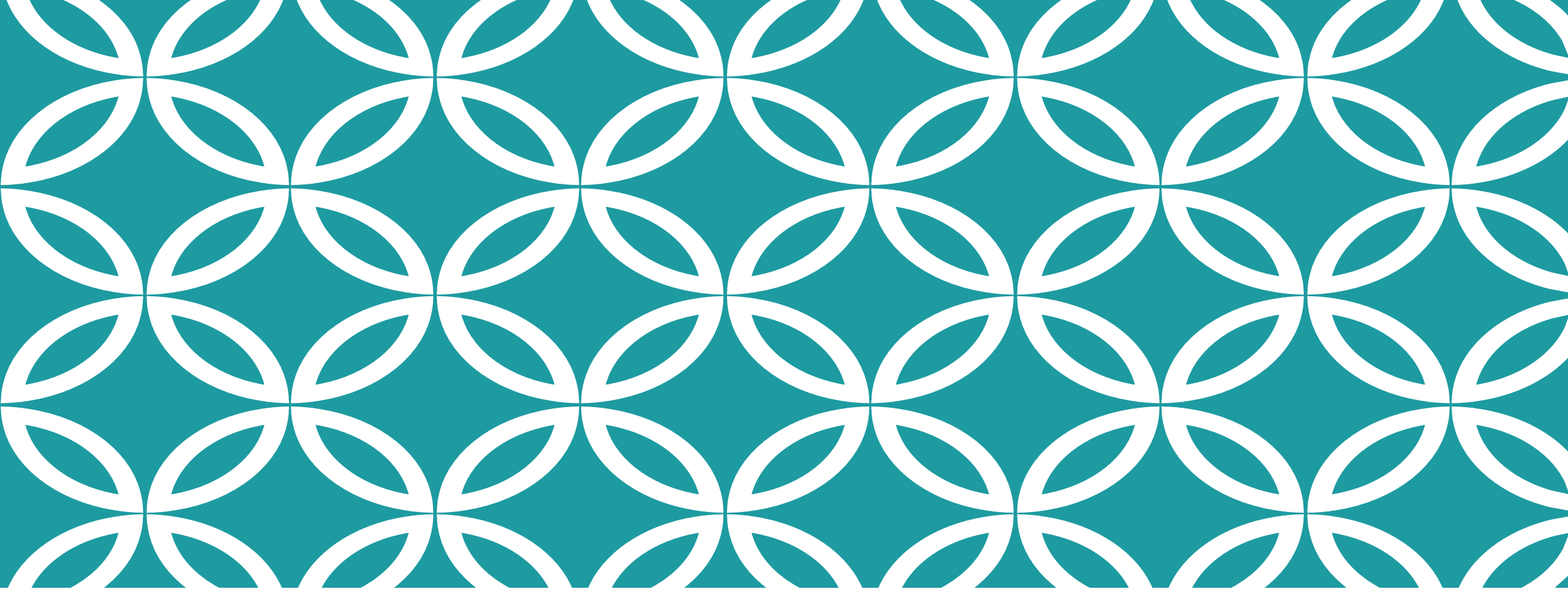


COUNTY WEIGHTS & MEASURES (W&M)

- SCAQMD does not regulate the dispenser card readers, display or accuracy of the sales meter. Additionally, we do not regulate/verify the quality of the fuel grades. Complaints regarding customers being overcharged and/or quality of fuel grade should be directed to the appropriate county W&M agency, which are as follows:
 - Los Angeles County (800) 665-2900
 - Orange County (714) 955-0100
 - Riverside County (760) 342-5070
 - San Bernardino County (909) 387-2449

CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)

- The following issues should be directed to the local CUPA which has jurisdiction in the location:
 - Gasoline spills
 - Storage of hazardous materials and/or trash on-site
 - Labeling/Placards for storage of hazardous materials
 - Regional Water Quality Control Board (RWQCB) testing/certifications



CONTACT INFORMATION



SCAQMD RULE 461 ASSISTANCE

For questions/comments/help,
please contact our gasoline dispensing team at:

Rule 461 hotline at **(909) 396-3546**
or email: **rule461assistance@aqmd.gov**

For complaints please contact:
1 (800) CUT-SMOG
<http://www.aqmd.gov/home/air-quality/complaints>

ADDITIONAL CONTACT INFORMATION

Kiersten Melville – Air Quality Analysis & Compliance Supervisor

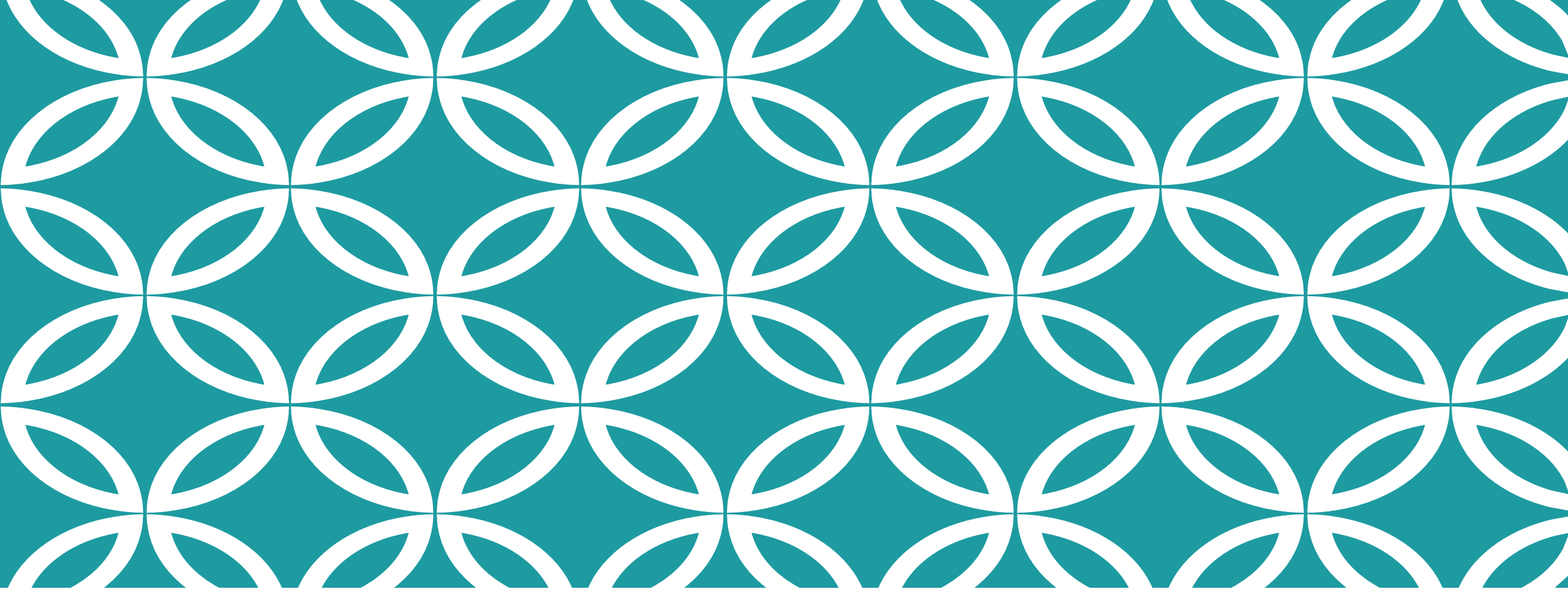
- (909) 396-2921 kmelville@aqmd.gov

Han Tran— Supervising Air Quality Inspector

- (909) 396-2478 htran1@aqmd.gov

Randy Matsuyama – Engineer (Permitting)

- (909) 396-2551 rmatsuyama@aqmd.gov



QUESTIONS?



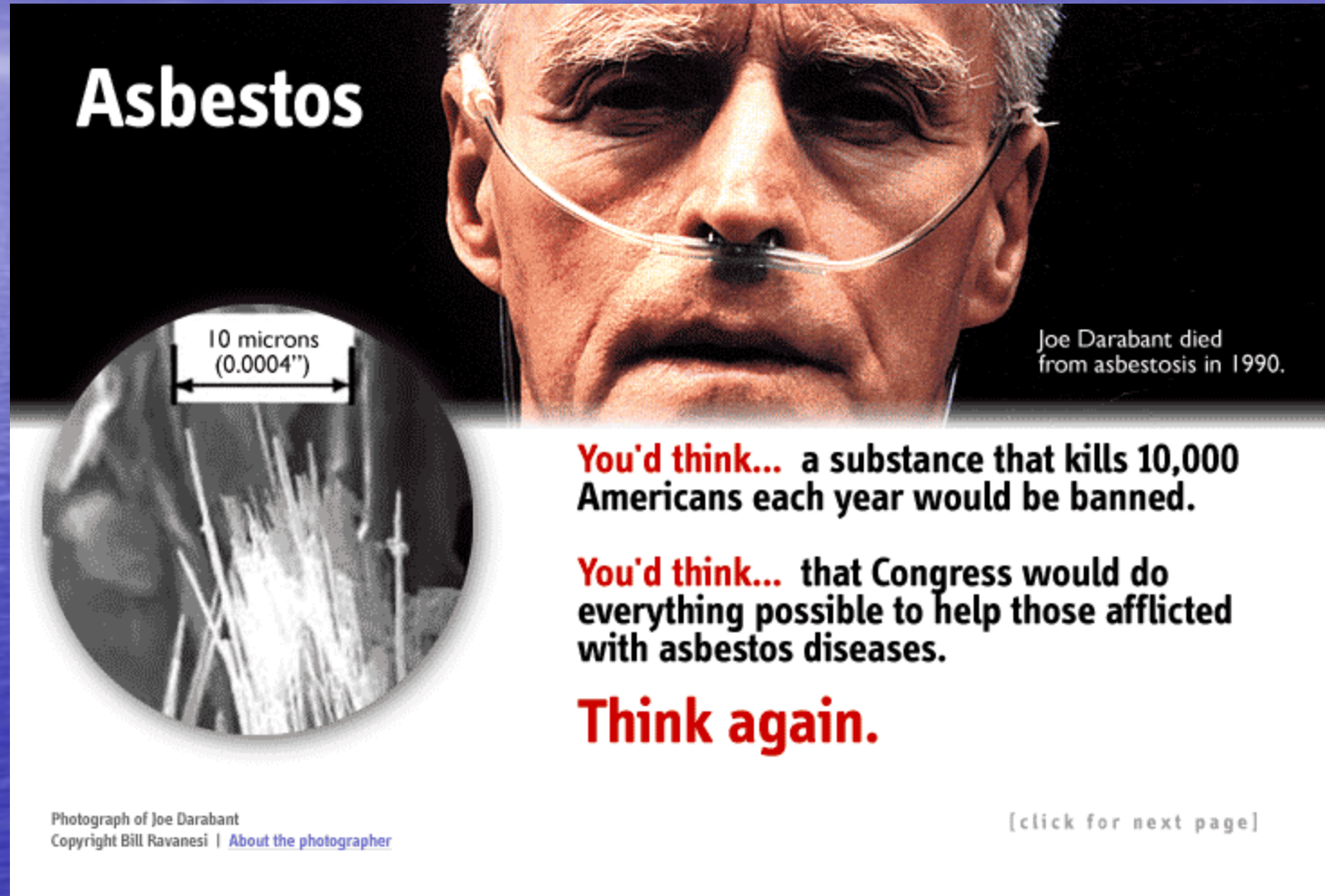
Asbestos R1403 Program

Demolitions & Renovations



Compliance Program

Asbestos



Joe Darabant died from asbestosis in 1990.

You'd think... a substance that kills 10,000 Americans each year would be banned.

You'd think... that Congress would do everything possible to help those afflicted with asbestos diseases.

Think again.

Photograph of Joe Darabant
Copyright Bill Ravanese | [About the photographer](#)

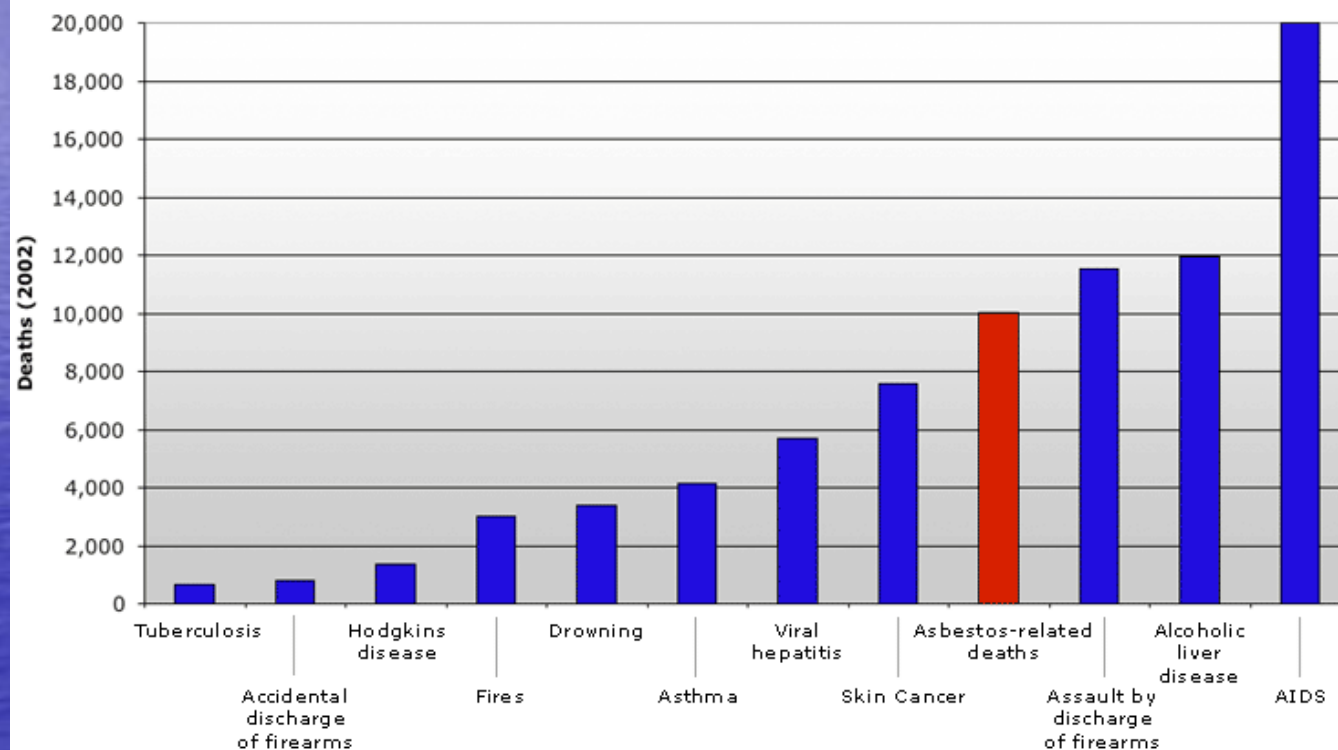
[click for next page]

Compliance Program



Compliance Program

Asbestos-related deaths are at an epidemic scale in the United States



Source: EWG Action Fund estimate for asbestos deaths (2002). Center for Disease Control and Prevention, NCHS, National Vital Statistics Reports, Deaths: Preliminary Data for 2002, Volume 52, Number 13, February 2004.



In 2017

The SCAQMD Air Toxics Group received:

- 806 asbestos complaints
- 23,322 asbestos notifications:
 - 19,140 asbestos removal projects
 - 4,182 demolition projects



SCAQMD

Asbestos Regulations

- To Administer and Enforce the Rule 1403 – Asbestos Renovation and Demolition.
 - Along with EPA Asbestos NESHAP Regulations (40 C.F.R. Subpart M)



Asbestos NESHAP

40 CFR 61, Subpart M

- NESHAP = The National Emission Standard including design, equipment, work practice or operational standard for Hazardous Air Pollutants
 - Subpart M = Standard for Asbestos
- (This Federal Regulation has been delegated to the South Coast Air Quality Management District.)



Important Definition

- **Facility**
 - Any institutional, commercial, public, industrial, or residential structure, installation, building, ship, and waste disposal site; including residential single family dwellings
 - Any structure that contains a residential structure
(Ex: old commercial warehouse to apartments)
 - Any structure that was previously subject to [the Asbestos] NESHAP is not excluded, regardless of its current use or function
(Ex: residence → dentist office → residence)

Important Definition

❑ DEMOLITIONS

Wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the *intentional burning* of a facility.

❑ RENOVATIONS

Altering a facility or facility component in any way, including the stripping or removal of regulated asbestos containing material (RACM) from a facility component.



Important Definitions

- **Asbestos Containing Material (ACM)**
 - Any material containing more than 1% asbestos
- **Regulated Asbestos-Containing Material (RACM)**
 - Friable asbestos material
 - Nonfriable ACM
 - Nonfriable ACM that will be subjected to sanding, grinding, cutting, or abrading (NESHAP)
 - Nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by forces of demolition or renovation operations. (NESHAP)
- The type of asbestos you have will determine handling requirements



Important Definitions

- **Friable Asbestos Material**
 - Any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure
 - Non-friable asbestos can be made friable, be aware of how you handle this type of asbestos

Important Definitions

- **Asbestos-Containing Waste Material (ACWM)**
 - Any waste that contains asbestos
 - As applied to demolition and renovation operations, this includes regulated asbestos-containing material waste and materials contaminated with asbestos including disposable equipment and clothing



Requirement to Inspect

- To determine which requirements of the NESHAP/R1403 apply, the owner or operator of a demolition or renovation activity will need to have the affected facility (or facility part) thoroughly inspected for the presence of asbestos. [40 C.F.R. § 61.145 (a)]
 - A thorough inspection requires the services of an accredited asbestos inspector.
 - Accredited asbestos inspectors in California are licensed by the Cal/OSHA.
 - The inspection must be performed prior to the commencement of the demolition or renovation.



What to Expect from an Inspection

- The inspector should provide copy of Certification (License should be valid on date of inspection)
- The inspection report should identify location, amount, type, and condition of all ACM found
- This inspection will give you the information needed determine if you must notify and the information to submit
- Provide recommendations on how to deal with the ACM found
- List of certified inspectors can be obtained from the Cal/OSHA – www.dir.ca.gov



What Next ?

- Notification to SCAQMD is required for:
 - Renovations if the *combined* amount of RACM to be disturbed is at least:
 - 100 Square feet on pipes or
 - 100 square feet on other facility components or
 - 35 cubic feet of facility components or where length or area could not be measured previously - NESHAP
 - Demolitions all demolitions require notification (even if no ACM is present)

All notifications for renovation and demolition are accepted only by contractors who are registered thru the Rule 1403 Web App.



Compliance Program

- Review Building Surveys and D/R Notifications
- Inspect Abatement & Demolition Projects
- Coordinate with Other Agencies
- Coordinate with Owners/Contractors
- Complaint Investigations
- Outreach

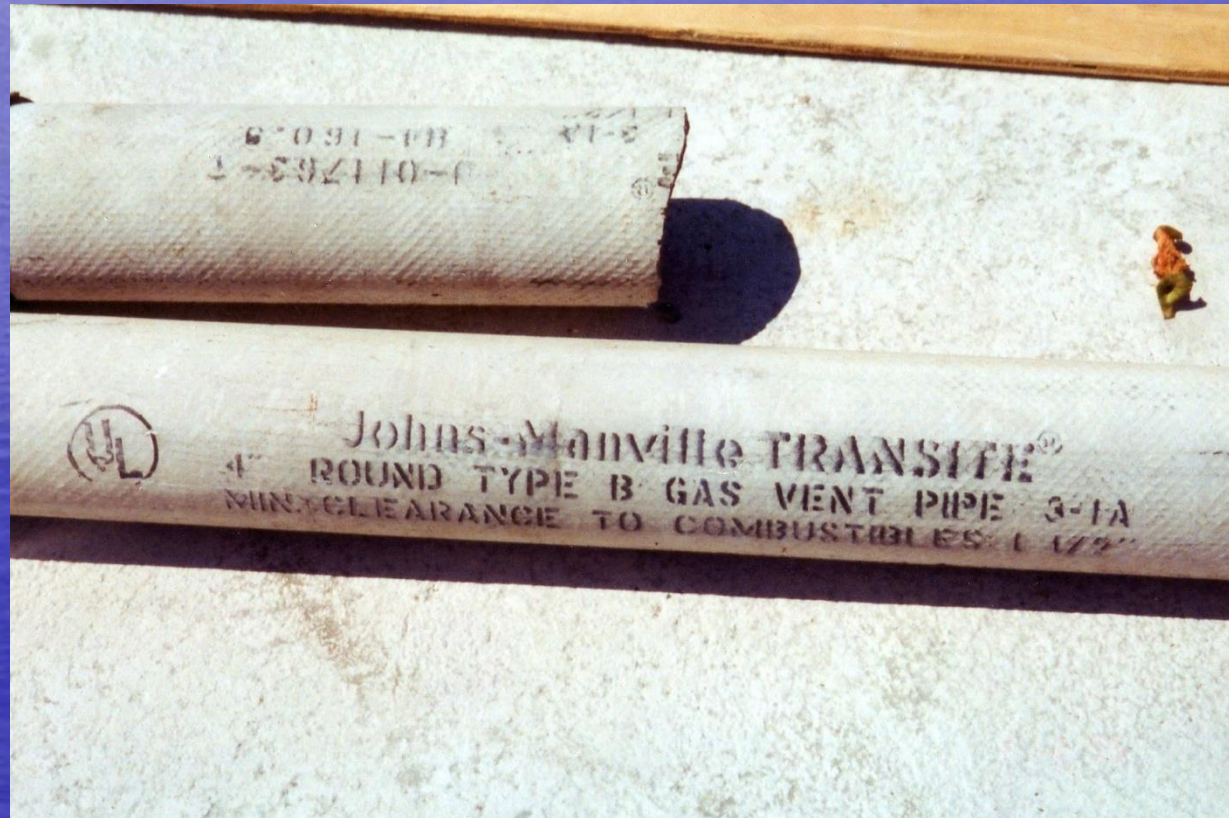


Where to Call

- General
 - 1-800-CUT-SMOG
 - 1-800-288-7664
- Asbestos Hotline
 - 909-396-2336



Asbestos Containing Products



Asbestos Containing Products



Asbestos Containing Products



Asbestos Containing Products



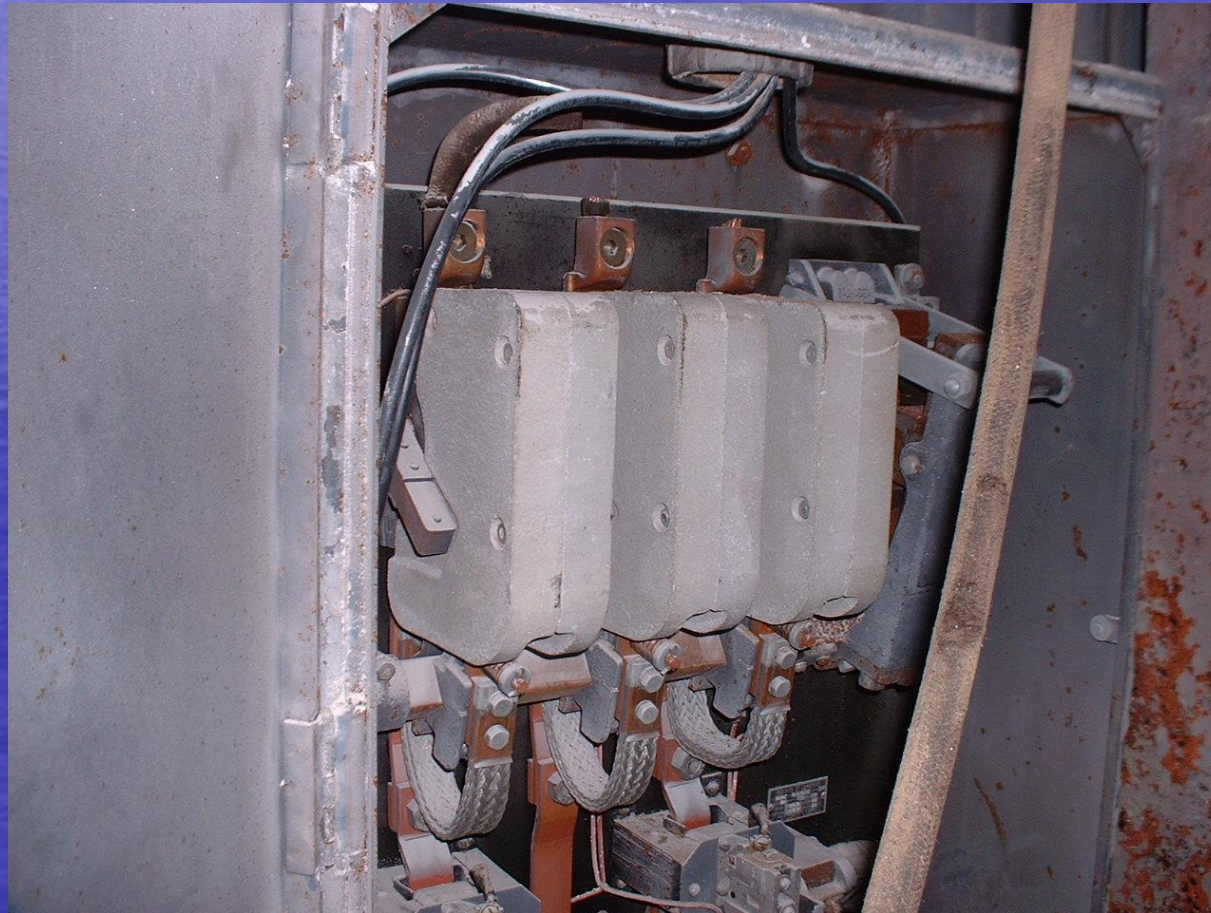
Asbestos Containing Products



Asbestos Containing Products



Asbestos Containing Products



Asbestos Containing Products



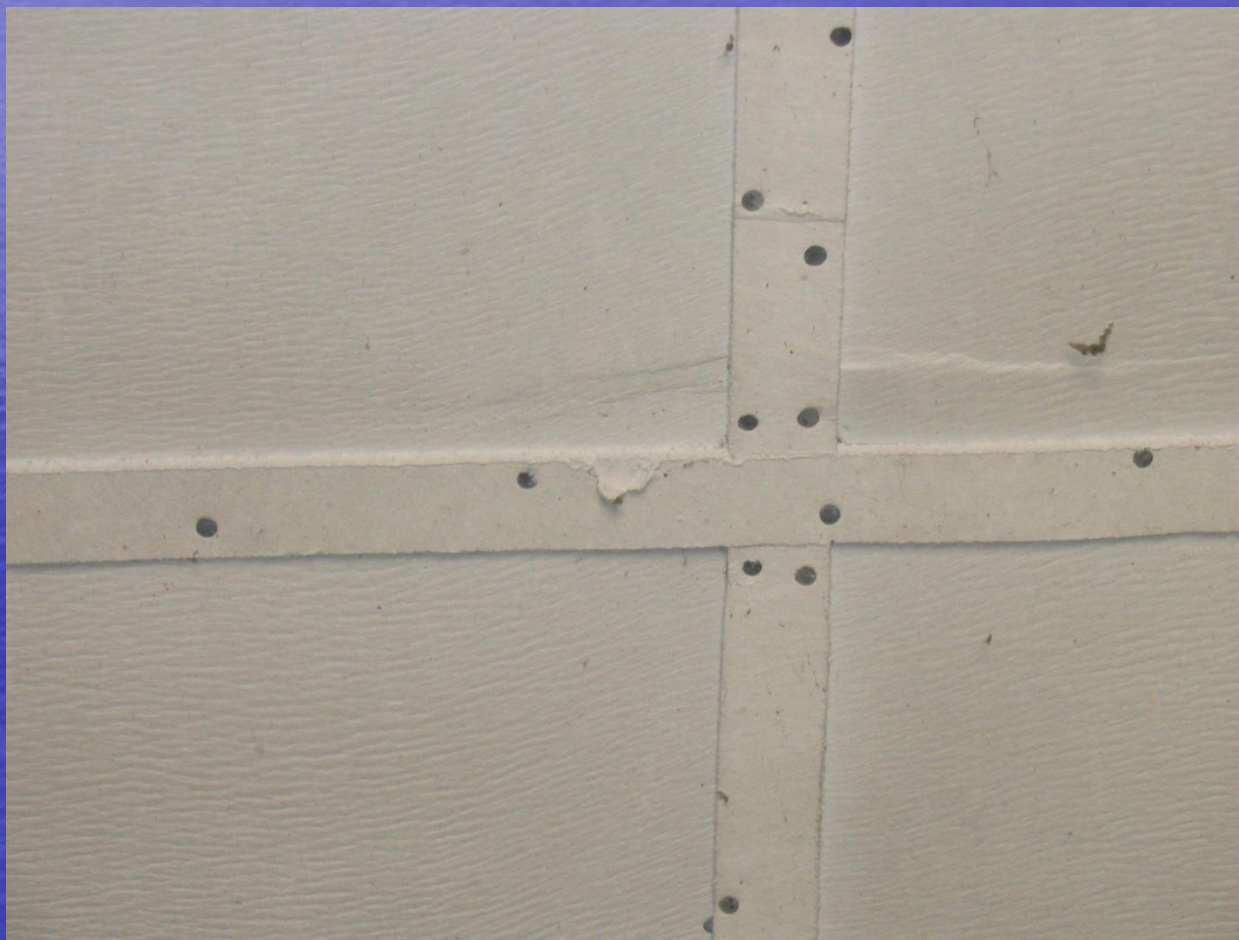
Asbestos Containing Products



Asbestos Containing Products



Asbestos Containing Products



Asbestos Containing Products





Compliance Program

Inspection



Compliance Program

Inspection



Compliance Program

Inspection



Compliance Program

Inspection



Compliance Program

Inspection



Compliance Program



Compliance Program



Compliance Program





Compliance Program



Compliance Program



VINYL SHEET FLOORING
(MOSAIC PATTERN)



9" VINYL ASBESTOS TILE
(LEFT) & BLACK ASBESTOS
MASTIC (BELOW) EXPOSED
DURING CARPET REMOVAL



Compliance Program



Compliance Program



Compliance Program



Compliance Program





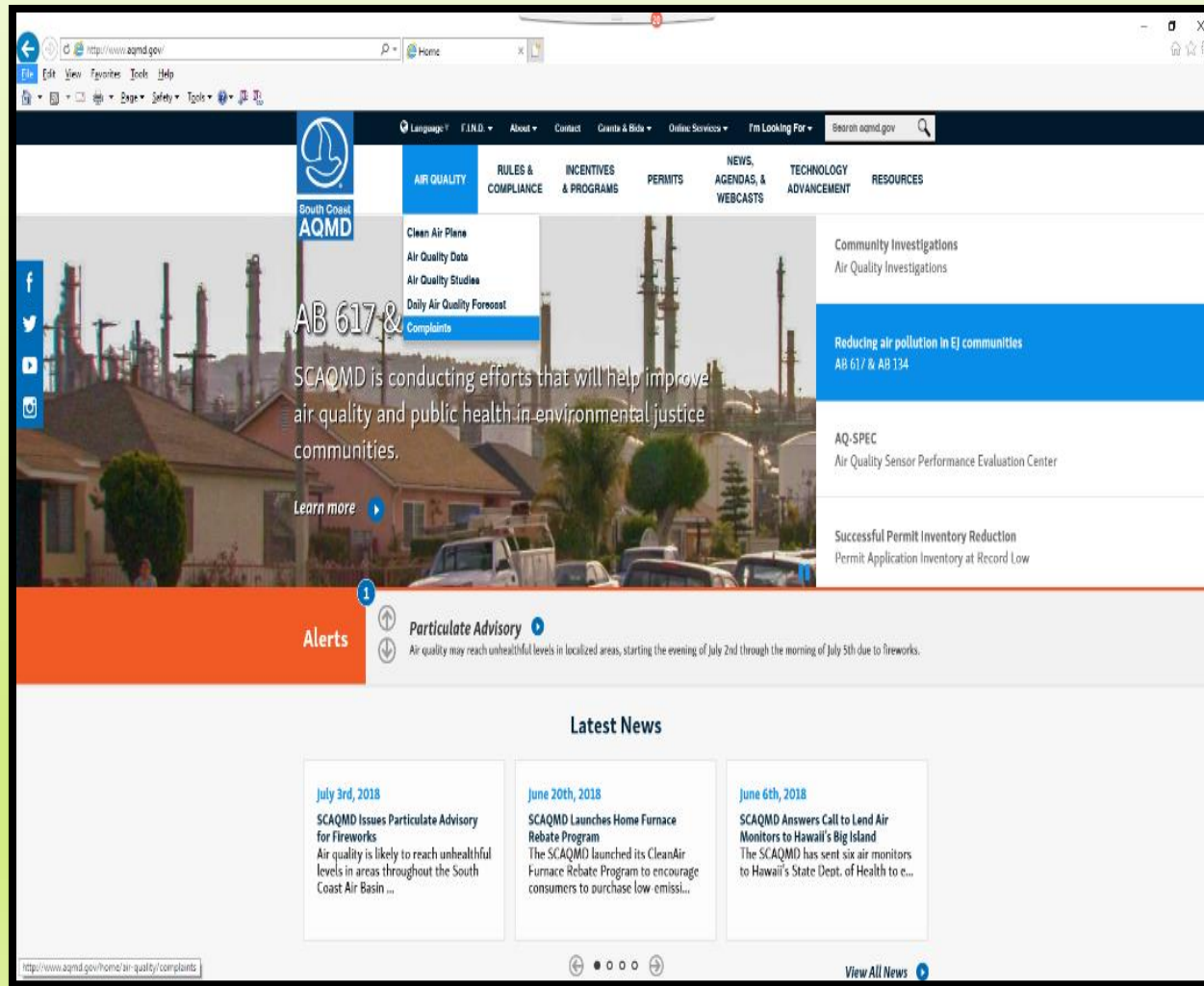
COMPLAINTS & PUBLIC NUISANCE

COMPLAINT REPORTING SYSTEM

- **Report the problem to 1-800-CUT-SMOG (1-800-288-7664)**
- SCAQMD accepts air quality complaint calls 24 hours a day, 7 days a week.
- During business hours (7 a.m. – 5:30 p.m., Tuesday through Friday) your call is answered by an attendant.
- Messages received off-hours are routed to a standby supervisor who reviews the complaint and assigns to inspectors.
- Complaints can be made anonymously, but in these cases inspectors cannot contact you for additional details or to advise you of investigation findings.
- All complainant information remains confidential.

ELECTRONIC COMPLAINT REPORTING SYSTEM

WWW.AQMD.GOV



ELECTRONIC COMPLAINT REPORTING SYSTEM
WWW.AQMD.GOV

South Coast Air Quality Management District Complaint Reporting System

[New Complaint](#) [Track Complaint](#)

Welcome to the South Coast Air Quality Management District's On-line Complaint Reporting System. **Air Quality complaints can also be reported by calling 1(800)CUT-SMOG or 1(800)288-7664.**

Your Information [About Your Privacy](#)

Fields marked with * are required, others are optional.

Phone : *

Email : *

First Name :

Last Name :

Street Name :

City : Select ...

Zip :

☐ **Remember Me** (Be sure to uncheck this box if you are using a public computer so that other users cannot view your information)

Complaint Details

Please describe in detail the air quality problem you've experienced. It's important to let AQMD know the date and time when you first detected the problem, and if the problem is continuing when you report it.

Complaint Type : Select ... *

Description : [Help](#)

Date detected : 7/5/2018 *

Time Detected : HH MM ☒ AM ☐ PM

Business Name (if known) :


Street Name / Cross Street : *

City : Select ... *

Zip :

Attach a picture or video to this complaint : Browse [Help](#)

(Supported formats include jpg, mov, and avi.)

 [Generate New Image](#)

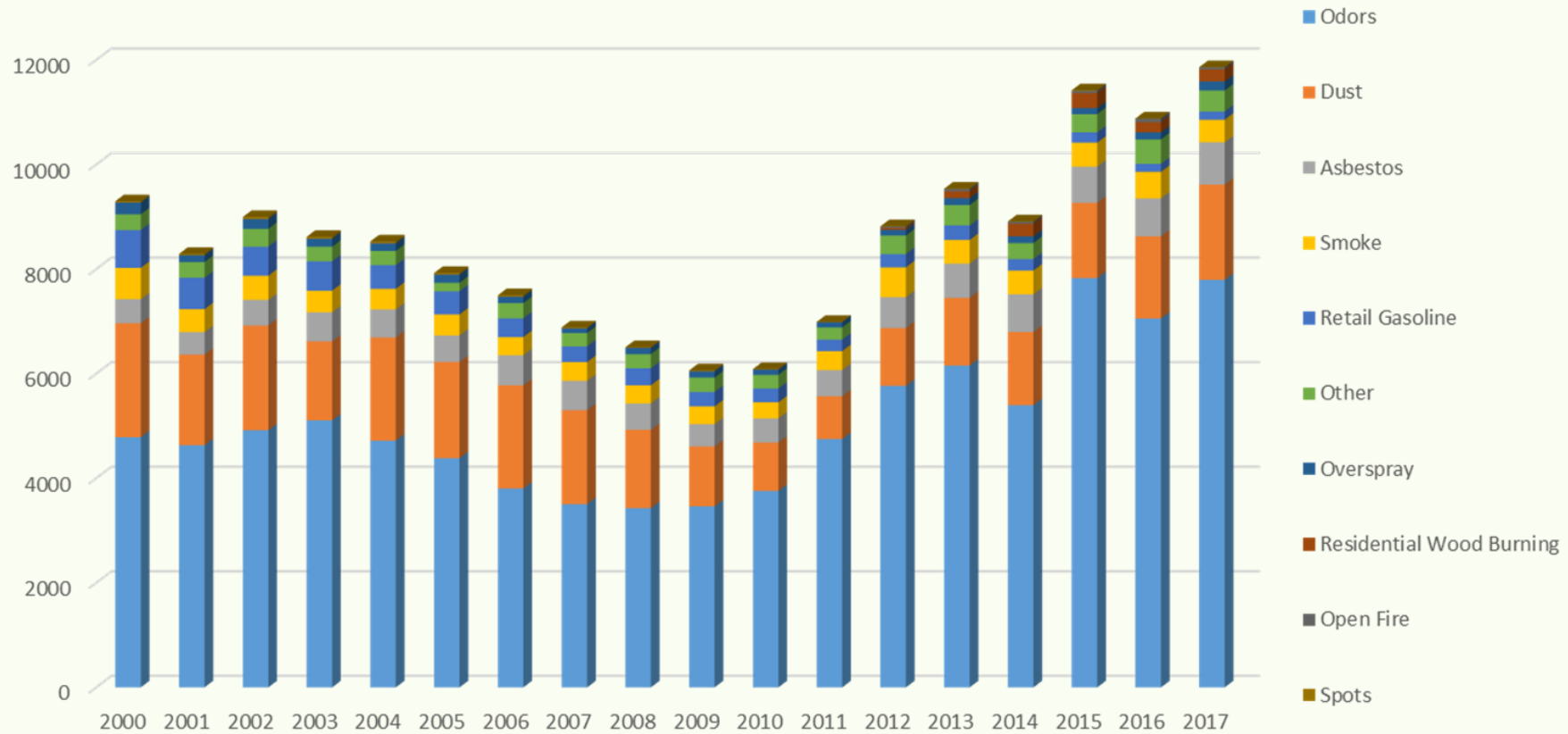
Type the code from the image

COMPLAINT TYPES

- Asbestos
- Dust
- Gasoline Dispensing
- Odors
- Open Burning
- Paint Overspray
- Residential Wood Burning
- Smoke
- Other



AIR QUALITY COMPLAINTS RECEIVED 2000 - 2017



Facility INformation Detail (F.I.N.D.)

- SCAQMD web tool to search for public information about regulated facilities

The screenshot shows the SCAQMD Facility Information Detail (FIND) web tool interface. The browser address bar displays the URL: <http://www3.aqmd.gov/webappl/fim/prog/search.aspx>. The page title is "Facility Information Detail (FIND)". Below the title, a brief description states: "Facility Information Detail provides consolidated access to public information about facilities in the AQMD basin. If you have a Facility ID, Application Number, Notice Number and/or Case Number, you can access detail information directly, OR you can utilize the Facility Search feature as your facility information gateway. Regularly scheduled updates are made to this data at least once per week." A link "Click here for a detailed map search." is provided. The search section is titled "Search" and includes a "Find a Facility" section with the following fields and options:

- Facility Name:
- Street Name:
- City:
- Zip Code:
- ☐ Select Facility ID:
- ☐ Select Application Nbr:
- ☐ Select NOV or NC:
- ☐ Select Hearing Board Case:
- ☐ RECLAIM
- ☐ TITLE V

Buttons for "Search" and "Reset" are located at the bottom left of the search section. At the bottom of the page, there is a footer with the text: "If you are having trouble finding a facility, please [Click Here for instructions](#). For further information or if you have any questions about the data returned by FIND, email: webinquiry@aqmd.gov". The version number "V1.54" is displayed in the bottom left corner.



Facility INformation Detail (F.I.N.D.)

Facility Information Detail (FIND)

[Search Again](#)

Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
147904	ADELPHIA COMMUNICATIONS	2011 N ACACIA AVE , FULLERTON, CA 92831			
158327	ADVANCED IMAGE DIRECT, LLC	1415 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
144802	AEROFIT, INC.	1425 S ACACIA AVE , FULLERTON, CA 92831			
173558	AEROFIT, LLC	1425 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
129877	BISONS CORES AND ELECTRONICS, T THONGSAV	367 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
170995	CLUB ACACIA	400 N ACACIA , FULLERTON, CA 92831			ACTIVE
136343	CUSTOM DESIGN DIV OF SPRINGS INDUSTRIES	1415 S ACACIA AVE , FULLERTON, CA 92831			
76811	DOW JONES SERVICE	360 S ACACIA AVE , FULLERTON, CA 92631			
78184	FULLERTON CITY	700 S ACACIA , FULLERTON, CA 92831			ACTIVE
56718	G.B. TILDEN	351 S ACACIA ST , FULLERTON, CA 92631			
160245	GATEWAY CREMATORY, SMART CREMATION CA	1410 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
115541	GATEWAY CREMATORY, STEPHEN M STRUNK	1410 S ACACIA AVE , FULLERTON, CA 92831			
56517	HARDWOOD CREATIONS	451 S ACACIA ST , FULLERTON, CA 92631			
49484	JONATHAN MFG CO	1101 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
8659	KHYBER FOODS INC	500 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
178687	KTR MANAGEMENT SERVICES	601 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
2098	LOK PROD. CO	801 S ACACIA AVE , FULLERTON, CA 92634			
133067	OUTDOOR DIMENSIONS, INC.	1375 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
6127	PACIFIC BELL	301 S ACACIA AVE , FULLERTON, CA 92631			
61231	PENHALL DIAMOND PRODUCTS DIVISION	1345 S ACACIA , FULLERTON, CA 92831			
100660	PETRUSSE-NORRIS PRINTING INC	375 S ACACIA , FULLERTON, CA 92831			ACTIVE
40991	PLASTICOLOR MOLDED PRODUCTS, INC	801 S ACACIA AVE , FULLERTON, CA 92831		TITLE V	ACTIVE
24232	R J R FOODS INC	360 S ACACIA AVE , FULLERTON, CA 92634			
110790	RADIANT TECHNOLOGY CORPORATION	1335 S ACACIA AVE , FULLERTON, CA 92831			ACTIVE
58862	REMEX DIV, SEYMOUR ELEC & AUTOMATION	1335 S ACACIA ST , FULLERTON, CA 92831			ACTIVE

Page 1 of 2 (36 records) [First](#) [Prev](#) [Next](#) [Last](#) Page 1 [Export To Excel](#)

Facility INformation Detail (F.I.N.D.)

Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#) | [Transportation](#)

Equipment List

Facility ID 40991

Company Name PLASTICOLOR MOLDED PRODUCTS, INC

Address 801 S ACACIA AVE
FULLERTON, CA 92831

Appl_Nbr	Permit_Nbr	Issued_Date	Permit_Status	Eq_Type	Equip_Description	Appl_Date	Appl_Status
575490	G46863	6/12/2017	ACTIVE	Basic	OVEN, PLASTISOL CURING	5/26/2015	PERMIT TO OPERATE GRANTED
575492	G46875	6/13/2017	ACTIVE	Basic	OVEN, PLASTISOL CURING	5/26/2015	PERMIT TO OPERATE GRANTED
575494	G46876	6/13/2017	ACTIVE	Basic	OVEN, PLASTISOL CURING	5/26/2015	PERMIT TO OPERATE GRANTED
575488				Basic	TITLE V PERMIT RENEWAL APPLICATION	5/26/2015	BANKING/ PLAN GRANTED, NON BILLABLE
575487				Basic	Title V Permit Revision	5/26/2015	BANKING/ PLAN GRANTED, NON BILLABLE
544164	G23771	4/2/2013	ACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544169	G23777	4/2/2013	ACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544162	G23778	4/2/2013	ACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544166	G23779	4/2/2013	ACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544168	G23780	4/2/2013	ACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544163	G23770	4/2/2013	INACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544165	G23772	4/2/2013	INACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544167	G23776	4/2/2013	INACTIVE	Basic	OVEN, CURING (RULE 1401 TOXICS)	10/23/2012	PERMIT TO OPERATE GRANTED
544170				Basic	Title V Permit Revision	10/23/2012	BANKING/ PLAN GRANTED, NON BILLABLE
509113	G13679	6/3/2011	INACTIVE	Basic	CONTAINER FILLING LIQUID AROMATIC	3/18/2010	PERMIT TO OPERATE GRANTED
509112	G13680	6/3/2011	INACTIVE	Basic	CONTAINER FILLING LIQUID AROMATIC	3/18/2010	PERMIT TO OPERATE GRANTED
509111	G13681	6/3/2011	INACTIVE	Basic	CONTAINER FILLING LIQUID AROMATIC	3/18/2010	PERMIT TO OPERATE GRANTED
509110				Basic	Title V Permit Revision	3/18/2010	BANKING/ PLAN GRANTED, NON BILLABLE
500098				Basic	COSMETICS PACKAGING	6/30/2009	APPLICATION CANCELLED
500100				Basic	Title V Permit Revision	6/30/2009	APPLICATION CANCELLED
499274				Basic	CAM PLAN[COMPL. ASSURANCE MONITORING]	6/2/2009	INACTIVE PLAN, BILLABLE
463751				Basic	Title V Permit Revision	12/12/2006	APPLICATION CANCELLED
463750				Basic	OVEN, PLASTISOL CURING	12/12/2006	APPLICATION CANCELLED
463752				Basic	OVEN, PLASTISOL CURING	12/12/2006	APPLICATION CANCELLED
450335				Basic	TITLE V PERMIT RENEWAL APPLICATION	11/8/2005	BANKING/ PLAN GRANTED, NON BILLABLE

First

Prev

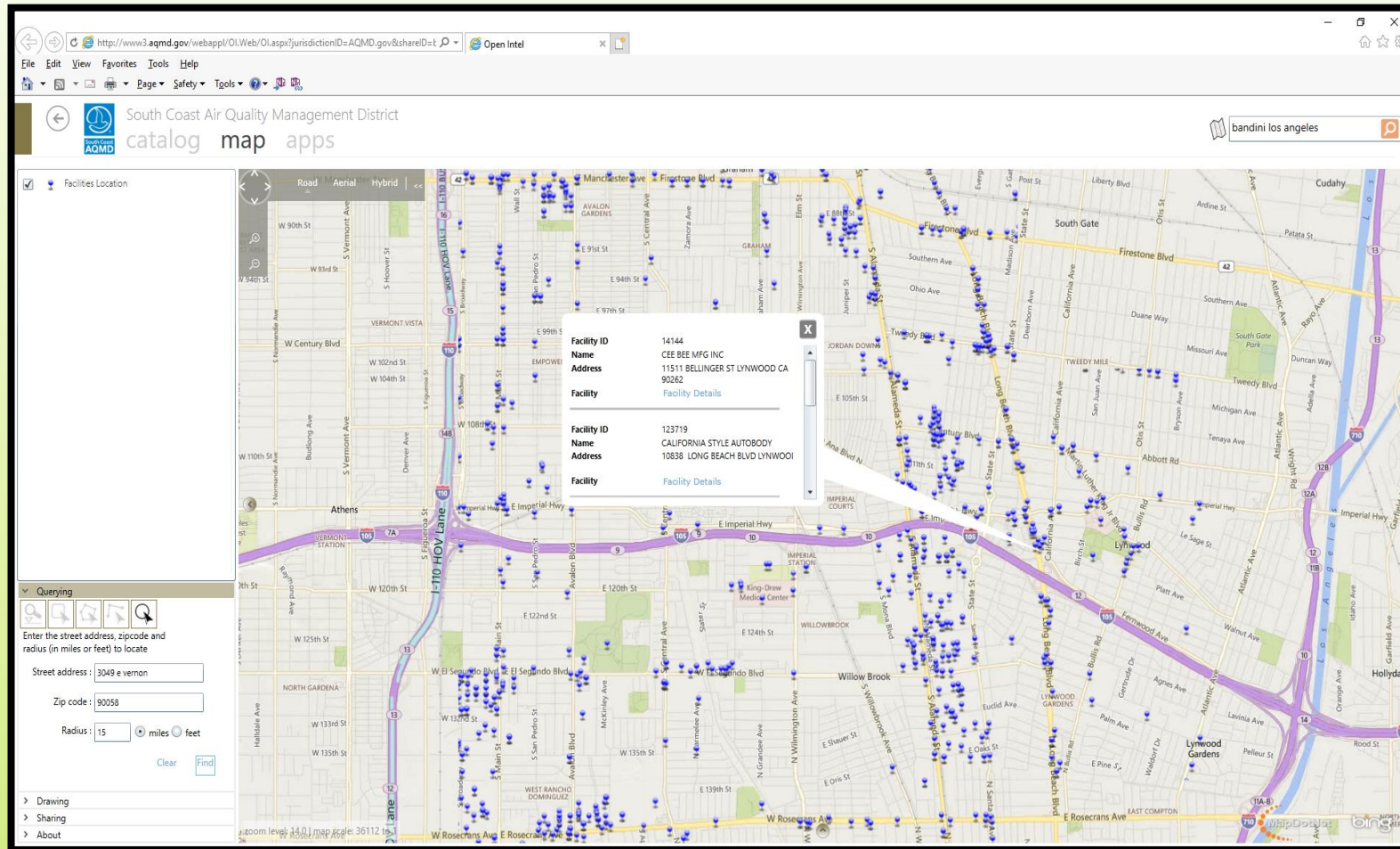
Page 1 of 4 (81 records)

Next

Last

Page 1

Export To Excel



F.I.N.D.

Interactive map that includes streets, school locations, and aerial imagery from U.S. Geological Service

PUBLIC NUISANCE

(Adopted May 7, 1976)

RULE 402. NUISANCE

A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

The provisions of this rule shall not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

PUBLIC NUISANCE

- An unreasonable interference with the rights or interests of the public, especially when it affects or endangers life, health, or property.
- Resolution typically involves a government agency.
- SCAQMD has authority to resolve a public nuisance under SCAQMD Rule 402 and California Health & Safety Code § 41700.



Odors



Property Damage



Other



PRIVATE NUISANCE

- Use of property or course of conduct that unreasonably interferes with the legal rights or interests of private individuals in the private use and enjoyment of their land.
- Nuisances or annoyances affecting private parties.
- Resolution involves the affected private parties.
- Some nuisances may be actionable under law but not within SCAQMD jurisdiction.



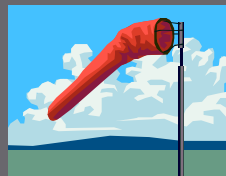
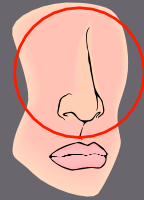
COMMONLY REPORTED EXAMPLES

- Open spray
- Indoor air quality issues
- Agricultural odors
- Noise
- Smoke from off road equipment
- Residential wood burning

Confirming an Odor Nuisance

Odors must be:

- Of sufficient duration and intensity
 - To be detected by complainants
 - Not to dissipate before inspector arrives
- Bothersome to complainants on detection

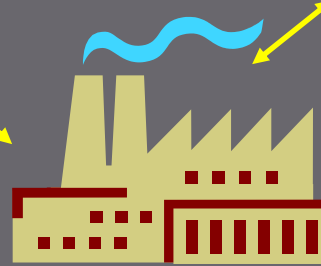


Wind must be:

- Blowing downwind from facility toward complainant
- Of sufficient velocity to transport odors from facility to complainants' residences/places of business

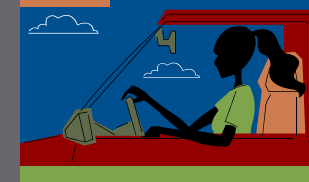
Facility must be:

- In operation
- Emitting odors



Each complainant must be:

- At downwind home or work location
- Willing & able to:
 - Report odors
 - Describe odors
 - Complete & sign complaint form
 - Testify in court if necessary



Inspector must be:

- Available to respond to complaints
- Careful not to solicit complaints
- Able to verify odors with complainants
- Able to track odors to their source, eliminating all other possible sources

REPORT COMPLAINTS 24 HOURS/7 DAYS WEEK

1-800-CUT-SMOG

(1-800-288-7664)

or

www.AQMD.GOV



QUESTIONS???