



## DEMOLITION REQUIREMENTS B-9

*Development Services*

*Building Division  
1635 Faraday Avenue  
760-602-2719  
www.carlsbadca.gov*

**A permit for demolition of a structure can be issued after approval and issuance of a grading permit. Please contact the building division with questions on the demolition process. The following items must be completed prior to issuance of a demolition permit.**

- Completed Building Permit Application (Form B-1 or B-2):** A demolition permit may only be issued to the owner of the property or the State Licensed Contractor that is doing the work.
- Four (4) sets of plans:** Building, Planning, Engineering and Fire division will review and comment/approve the submittal.
- Letter from Property Owner:** The contractor must provide a letter, signed and dated by the property owner, giving permission for the building to be demolished.
- Demolition Asbestos Certification:** This certification must be completed, signed and have the correct square footage of the structure being demolished, as well as its use.
- San Diego Regional Hazardous Materials Questionnaire:** For ALL demolition projects, proof of application to County of San Diego Air Pollution Control District must also be provided. Asbestos or lead paint remediation must occur prior to issuance of a demolition permit by the City. Demolition of painted areas of structures built prior to 1978 are to be treated as Presumed Lead-Based Paint areas.
- San Diego Gas and Electric:** Applicant must provide a letter from San Diego Gas and Electric stating that the utilities have been disconnected.
- Waste Management Plan (Form B-59):** Comply with California Green Code waste disposal and recycling management program (65%). Section 4.408.1 and Section 5.408.1. Complete the attached B-59, Waste Management Plan which estimates the waste to be recycled.
- Public Property:** If applicable provide plans and details demonstrating measures to protect public property and walkways.

**Additional items that may be required:**

1. **Water Agency:** Arrange for appropriate Water Agency to remove water meter unless construction of replacement structure is to begin shortly.
2. The **Planning** Division will determine if the structure is in the Village Review area, the South Carlsbad Review area, the Coastal Zone or if discretionary mitigation conditions apply. (760) 602-4610
3. The **Land Development & Engineering** Division will determine if a Haul Route, Right-of-Way Permit or Storm Water Permit is required. (760) 602-2750.
4. **Fire** Department may need the use of the building for training purposes. (760) 602-4665.



## CONSTRUCTION WASTE MANAGEMENT PLAN B-59

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Section 4.408.1 and Section 5.408.1 of the 2019 California Green Building Standards requires at least 65% of non-hazardous construction debris is recycled and/or salvaged for reuse.

With the submitting of your application for a Building Permit or permit issuance, you must have completed a Construction Waste Management Plan (CWMP) demonstrating how you will **recycle a minimum of 65%** of the construction waste generated from your project.

**NOTICE:** Applicant (contractor and subcontractors) shall comply with the project's CWMP. It is the Applicant's responsibility to collect all receipts from the facilities that recycle their materials AND all project waste/landfill disposal receipts. When working with the City's franchised hauler, Waste Management, one cumulative project receipt is acceptable. However, it is the Applicant's responsibility to confirm that the bins are collected for C&D Recycling.

1. This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials, and reusing materials whenever possible.
2. Waste Management Services can provide 2 roll-off bins, one for commingled construction debris and one for trash. The commingled construction roll-off bin will be taken to a Certified Mixed C&D Processing Facility to sort the material and create receipt(s), to demonstrate the project has met a 65% diversion rate or greater.
3. Applicants with a goal of recycling greater than 65% of the project's total waste should work with, the City's exclusive franchised waste hauler, to develop a more specific CWMP. This plan may include using additional roll-off bins for particular phases of construction (e.g., concrete and wood waste) to ensure the highest waste diversion rate possible.
4. Contractors/subcontractors hauling their own waste as part of their scope of work (e.g., construction clean up companies, etc.) SHALL NOT be excluded from complying with the CWMP and shall provide weight and waste diversion receipts from a Certified Source Separated Recycling Facility. For a current list of Certified Recycling Facilities go to <http://www.sandiego.gov/environmental-services/recycling/cd/index.shtml>.
5. If contractors/subcontractors furnish their own debris boxes as part of their scope of work, they SHALL NOT be excluded from complying with the CWMP and shall provide weight and waste diversion receipts from a Certified Source Separated Recycling Facility.

### **Part 1 - Before the Project Begins**

Prior to issuance of a Building Permit, Applicant must submit PART 1 of the Construction Waste Management Plan (CWMP) Table.

- a. Submit completed and signed form to City with Building Permit application.

### **Part 2 – During and After the Project**

Prior to receiving inspection for final sign off of the Building Permit or Certificate of Occupancy, Applicant must submit the fully completed and approved PART 2 of the Construction Waste Management Plan (CWMP) Table.

- a. Save all receipts and/or documents from reuse facilities, recycling centers, processing facilities, and landfills where materials were taken.
- b. Complete the Debris Recycling Report (DRR) as your project progresses. Recycling/diversion goals are (at a minimum) 65% of the waste generated by your project.
- c. Return completed form to: City of Carlsbad Building Division - 1635 Faraday Ave, Carlsbad, CA 92008 or your inspector prior to requesting final inspection.



CONSTRUCTION WASTE MANAGEMENT PLAN B-59

Development Services

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Many of the materials generated from your project can be recycled. You are required to list materials that will be reused, recycled or disposed from your project. If you have questions about the recycling requirement or completing this form, please contact Waste Management at (760) 929-9400, a certified C&D recycler, or the Carlsbad Building Division at (760) 602-2700. Please note: Unless you are self-hauling, Waste Management or approved haulers must be used for all construction projects within the City of Carlsbad.

PART 1 Complete and submit this form when applying for a Building Permit. Note: Permits will not be issued without a completed Construction Waste Management Plan.

Applicant Information

Permit No. Project Title

Project Address APN

Applicant Name Last First Owner Contractor Architect Other

Applicant Address

Phone ( ) E-mail Address

Applicant Mailing Address (if different than project address)

Project Type (check all that apply): Residential Commercial Public Building Industrial

Brief Description

Project Size Estimated Cost of Project \$ (square footage)

Please check the appropriate box:

- I plan on using WASTE MANAGEMENT roll-off bin(s) for all materials and will provide all receipts after construction.
I plan on self-hauling to a certified recycling facility and will provide all receipts after construction.
This is a proposed LEED certified project and I plan on separating materials on site in conjunction with WASTE MANAGEMENT.

Acknowledgement: I certify under penalty of perjury under the laws of the State of California that the information provided in and with this form pertains to construction and demolition debris generated only from the project listed in PART 1, that I have reviewed the accuracy of the information, and that the information is true and correct to the best of my knowledge and belief.

Print Name Signature Date

**PART 1** Complete, obtain signature, and submit this form when applying for a Building Permit. Note: Permits will (cont'd) not be issued without a completed Construction Waste Management Plan.

**DEBRIS RECYCLING ESTIMATE:**

**SECTION A** Permit No. \_\_\_\_\_ Project Title \_\_\_\_\_

Project Address \_\_\_\_\_ APN \_\_\_\_\_

Applicant Name \_\_\_\_\_ Phone ( ) \_\_\_\_\_

*Last First*

**SECTION B** Complete the following table with estimated waste tonnage to be generated by your project.

This is your plan for construction waste management. Changes can be made on the final recycle report.  
**Goal: the diversion rate shall be 65% by weights of debris.**

Material Type	Estimated Waste Quantity (tons)	A Place a (✓) check next to items to be reused or salvaged	B Place a (✓) check next to items to be recycled	C Place a (✓) check next to items to be disposed at landfill
<i>Complete this line of the table only if only using WASTE MANAGEMENT roll-off bins.</i> <b>Mixed C&amp;D Debris</b>				
Asphalt & Concrete				
Brick / Masonry / Tile				
Mixed Inert Debris				
Cabinets, Doors, Fixtures, Windows (circle all that apply)				
Carpet				
Carpet Padding / Foam				
Cardboard				
Ceiling Tile (acoustic)				
Drywall (used, new, scrap)				
Landscape Debris (brush, trees, stumps, etc.) No dirt.				
Unpainted Wood & Pallets				
Roofing Materials				
Scrap Metal				
Stucco				
Other: _____				
<b>TOTAL</b>	<b>=</b>			

**SECTION C**

To meet 65% Diversion Requirement (estimate) \_\_\_\_\_ x 0.65 = \_\_\_\_\_ tons

*Total Estimated Waste from above Minimum Required Diversion*

Contractor/Owner Signature \_\_\_\_\_ Date \_\_\_\_\_

**DEBRIS RECYCLING REPORT (ACTUAL):**

**SECTION A Acknowledgement**

I certify under penalty of perjury under the laws of the State of California that the information provided in and with this form pertains to construction and demolition debris generated only from the project listed in PART 1, that I have reviewed the accuracy of the information, and that the information is true and correct to the best of my knowledge and belief.

Permit No. \_\_\_\_\_ Print Name \_\_\_\_\_  
 Address \_\_\_\_\_ Date \_\_\_\_\_

**SECTION B Use this Final Log below to track loads of materials as they leave the job site.**

Ⓢ Ⓢ SAVE RECEIPTS Ⓢ Ⓢ

Indicate FINAL quantities in tons for each material and save receipts and documents from facilities where material is taken. Additional Project Log pages are available if necessary. Use City Conversion Table to convert volume to tons.

Date	Material Type	A Actual Amt Reused or Salvaged	B Actual Amt Recycled	C Actual Amt Disposed in Landfill	Destination Facility (Name, Address, Phone)
<i>Example: 01/01/2020</i>	<i>Concrete (broken)</i>		<i>5 tons</i>		<i>Palomar Transfer Station, 5960 El Camino Real - (760) 603-0153</i>
Ⓢ TOTAL					

**SECTION C**

Diversion Rate Achieved \_\_\_\_\_ / \_\_\_\_\_ = \_\_\_\_\_ % ≥ 65%  
≤ 65%   
Total of columns A + B      Total of columns A + B + C      DIVERSION

Contractor/Owner Signature \_\_\_\_\_ Date \_\_\_\_\_

- Attach the following documentation to this Report:**
- Original recycling weight tickets, landfill weight tickets
  - Original donation receipts with photos and/or itemized descriptions
  - Any other relevant information to support Recycling Report

**Return completed form and documentation to:**  
 City of Carlsbad  
 Building Division (1st Floor)  
 1635 Faraday Avenue  
 Carlsbad, CA 92008

## Conversion Table for Common Construction Waste

This document is informational only. It is here to help you convert truckload quantities to tons, if necessary.

<u>Category</u>	<u>Material</u>	<u>Column A Volume</u>	<u>Column B Tons/Unit</u>	<u>Column C Tons</u>
Mixed Debris	Construction	_____ cy	x	0.18 = _____
	Demolition	_____ cy	x	1.19 = _____
Asphalt/Concrete	Asphalt (broken)	_____ cy	x	0.70 = _____
	Concrete (broken)	_____ cy	x	1.20 = _____
	Concrete (solid slab)	_____ cy	x	1.30 = _____
Brick/Masonry/Tile	Brick (broken)	_____ cy	x	0.70 = _____
	Brick (whole, palletized)	_____ cy	x	1.51 = _____
	Masonry brick (broken)	_____ cy	x	0.60 = _____
	Tile	_____ sq ft	x	0.00175 = _____
Building Materials (cabinets, doors, windows, etc.)		_____ cy	x	0.15 = _____
Cardboard (flat)		_____ cy	x	0.05 = _____
Carpet	By square foot	_____ sq ft	x	0.0005 = _____
	By cubic yard	_____ cy	x	0.30 = _____
Carpet Padding/Foam		_____ sq ft	x	0.000125 = _____
Ceiling Tiles	Whole (palletized)	_____ cy	x	0.0003 = _____
	Loose	_____ cy	x	0.09 = _____
Drywall (new or used)	1/2" (by square foot)	_____ sq ft	x	0.0008 = _____
	5/8" (by square foot)	_____ sq ft	x	0.00105 = _____
	Demo/used (by cu. yd.)	_____ cy	x	0.25 = _____
Landscape Debris (brush, trees, etc.)		_____ cy	x	0.15 = _____
	Asphalt Composition			
Shingles, asphalt	Shingle	_____ cy	x	0.22 = _____
Unpainted Wood/Pallets	By board foot	_____ bd ft	x	0.001375 = _____
	By cubic yard	_____ cy	x	0.15 = _____
Trash/Garbage		_____ cy	x	0.18 = _____
Other (estimated weight)		_____ cy	x	estimate = _____
		_____ cy	x	estimate = _____
		_____ cy	x	estimate = _____
		_____ cy	x	estimate = _____
			<b>Total all</b>	= _____

**DEMOLITION ASBESTOS CERTIFICATION**

**ADDRESS:** \_\_\_\_\_

**USE OF BUILDING TO BE DEMOLISHED:** \_\_\_\_\_

**SQUARE FEET** \_\_\_\_\_ **X NUMBER OF STORIES** \_\_\_\_\_

**PROPERTY OWNER:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_ **PHONE** \_\_\_\_\_

**APPLICANT:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_ **PHONE** \_\_\_\_\_

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**Section 19827.5 of California Health and Safety Code states in part:**

**“A demolition permit shall not be issued by any city ...as to any building or other structure except upon receipt from the permit applicant of a copy of each written asbestos notification regarding the building that has been required to be submitted to the United States Environmental Protection Agency or to a designated state agency, or both, pursuant to Part 61 of Title 40 of the Code of Federal Regulations, or the successor to that part. The permit may be issued without the applicant submitting a copy of the written notification if the applicant declares that the notification is not applicable to the scheduled demolition project.”**

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**As applicant for a demolition permit in the City of Carlsbad, I certify that; I have read the excerpt from Section 19827.5 of the Health and Safety Code provided above; the information I have provided on this form is true and correct; and I further certify the following:**

- ( ) On the attached \_\_\_\_\_ pages are copies of all written asbestos notifications regarding the above referenced building that are required to be submitted to the United States Environmental Protection Agency or to Part 61 of Title 40 of the Code of Federal Regulations, or successor to that part.**
  
- ( ) I declare that the written asbestos notification is not applicable to the scheduled demolition project.**

\_\_\_\_\_  
**Applicant’s Signature**

\_\_\_\_\_  
**Date**



# SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

<b>OFFICE USE ONLY</b>	
RECORD ID # _____	
PLAN CHECK # _____	
BP DATE ____ / ____ / ____	

Business Name	Business Contact	Telephone #	
Project Address (include suite)	City	State	Zip Code
Mailing Address (include suite)	City	State	Zip Code
			APN#
			Plan File#
Project Contact	Applicant E-mail	Telephone #	

**The following questions represent the facility's activities, NOT the specific project description.**

**PART I: FIRE DEPARTMENT – HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego):** Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

- |                                  |  |                                     |                          |
|----------------------------------|--|-------------------------------------|--------------------------|
| <b>Occupancy Rating:</b>         | <b>Facility's Square Footage</b> (including proposed project): |                                     |                          |
| 1. Explosive or Blasting Agents  | 5. Organic Peroxides   | 9. Water Reactives                  | 13. Corrosives           |
| 2. Compressed Gases              | 6. Oxidizers   | 10. Cryogenics                      | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics   | 11. Highly Toxic or Toxic Materials | 15. None of These.       |
| 4. Flammable Solids              | 8. Unstable Reactives  | 12. Radioactives                    |                          |

**PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION (HMD):** If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 170, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

<b>FEES ARE REQUIRED</b>	Project Completion Date: _____	Expected Date of Occupancy: _____ (for new construction or remodeling projects)	
YES NO			
1. <input type="checkbox"/> <input type="checkbox"/>	Is your business listed on the reverse side of this form? (check all that apply).		
2. <input type="checkbox"/> <input type="checkbox"/>	Will your business dispose of Hazardous Substances or Medical Waste in any amount?		
3. <input type="checkbox"/> <input type="checkbox"/>	Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?		
4. <input type="checkbox"/> <input type="checkbox"/>	Will your business store or handle carcinogens/reproductive toxins in any quantity?		
5. <input type="checkbox"/> <input type="checkbox"/>	Will your business use an existing or install an underground storage tank?		
6. <input type="checkbox"/> <input type="checkbox"/>	Will your business store or handle Regulated Substances (CalARP)?		
7. <input type="checkbox"/> <input type="checkbox"/>	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?		
8. <input type="checkbox"/> <input type="checkbox"/>	Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).		

CalARP Exempt  
 Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Initials \_\_\_\_\_  
 CalARP Required  
 Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Initials \_\_\_\_\_  
 CalARP Complete  
 Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Initials \_\_\_\_\_

**PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD):** The following questions are intended to identify the majority of air pollution issues at the planning stage. Your project may require additional measures not identified by these questions. Some residential projects may be exempt from APCD requirements. If yes is answered for either questions 1, 2 or 5 or for more comprehensive requirements, please contact APCD at [apcdcomp@sdcountry.ca.gov](mailto:apcdcomp@sdcountry.ca.gov); (858) 586-2650; or 10124 Old Grove Road, San Diego, CA 92131.

- |                             |                          |   |
|-----------------------------|--------------------------|---|
| YES                         | NO                       |   |
| 1. <input type="checkbox"/> | <input type="checkbox"/> | Will the project disturb 100 square feet or more of existing building materials?  |
| 2. <input type="checkbox"/> | <input type="checkbox"/> | Will any load supporting structural members be removed?   |
| 3. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF QUESTION 1 or 2 IS YES) Has an asbestos survey been performed by an individual that has passed an EPA-approved building inspector course?   |
| 4. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF QUESTION 1 or 2 IS YES) Based on the survey results, will the project disturb any asbestos containing material? If yes, a notification may be required at least 10 working days prior to commencing asbestos removal. Additionally, a notification may be required prior to the removal of a load supporting structural member(s) regardless of the presence of asbestos. |
| 5. <input type="checkbox"/> | <input type="checkbox"/> | Will the project or associated construction equipment emit air contaminants? See the reverse side of this form for typical equipment requiring an APCD permit. If yes, contact APCD prior to the issuance of a building permit.   |
| 6. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF QUESTION 5 IS YES) Will the project or associated construction equipment be located within 1,000 feet of a school boundary?   |

Briefly describe business activities:	Briefly describe proposed project:
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I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Name of Owner or Authorized Agent	Signature of Owner or Authorized Agent	Date ____ / ____ / ____
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**FOR OFFICIAL USE ONLY:**

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

\*A stamp in this box **only** exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply



**LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM THE COUNTY OF SAN DIEGO  
DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION**

**Check all that apply:**

**AUTOMOTIVE**

- Battery Manufacturing/Recycling
- Boat Yard
- Car Wash
- Dealership Maintenance/Painting
- Machine Shop
- Painting
- Radiator Shop
- Rental Yard Equipment
- Repair/Preventive Maintenance
- Spray Booth
- Transportation Services
- Wrecking/Recycling

**CHEMICAL HANDLING**

- Agricultural supplier/distributor
- Chemical Manufacturer
- Chemical Supplier/Distributor
- Coatings/Adhesive
- Compressed Gas Supplier/Distributor
- Dry Cleaning
- Fiberglass/Resin Application
- Gas Station
- Industrial Laundry
- Laboratory
- Laboratory Supplier/Distributor
- Oil and Fuel Bulk Supply
- Pesticide Operator/Distributor

**CHEMICAL HANDLING**

- Photographic Processing
- Pool Supplies/Maintenance
- Printing/Blue Printing
- Road Coatings
- Swimming Pool
- Toxic Gas Handler
- Toxic Gas Manufacturer

**METAL WORKING**

- Anodizing
- Chemical Milling/Etching
- Finish-Coating/Painting
- Flame Spraying
- Foundry
- Machine Shop-Drilling/Lathes/Mills
- Metal Plating
- Metal Prepping/Chemical Coating
- Precious Metal Recovery
- Sand Blasting/Grinding
- Steel Fabricator
- Wrought Iron Manufacturing

**AEROSPACE**

- Aerospace Industry
- Aircraft Maintenance
- Aircraft Manufacturing

**MISCELLANEOUS**

- Asphalt Plant
- Biotechnology/Research
- Cannabis-related
  - Manufacturing
  - Dispensary
  - Other
- Co-Generation Plant
- Dental Clinic/Office
- Dialysis Center
- Emergency Generator
- Frozen Food Processing Facility
- Hazardous Waste Hauler
- Hospital/Convalescent Home
- Laboratory/Biological Lab
- Medical Clinic/Office
- Nitrous Oxide (NO<sub>x</sub>) Control System
- Pharmaceuticals
- Public Utility
- Refrigeration System
- Rock Quarry
- Ship Repair/Construction
- Telecommunications Cell Site
- Veterinary Clinic/Hospital
- Wood/Furniture Manufacturing/Refinishing
- Brewery/Winery/Distillery

**ELECTRONICS**

- Electronic Assembly/Sub-Assembly
- Electronic Components Manufacturing
- Printed Circuit Board Manufacturing

NOTE: THE ABOVE LIST INCLUDES BUSINESSES, WHICH TYPICALLY USE, STORE, HANDLE, AND DISPOSE OF HAZARDOUS SUBSTANCES. ANY BUSINESS NOT INCLUDED ON THIS LIST, WHICH HANDLES, USES OR DISPOSES OF HAZARDOUS SUBSTANCES MAY STILL REQUIRE HAZARDOUS MATERIALS DIVISION (HMD) REVIEW OF BUSINESS PLANS. FOR MORE INFORMATION CALL (858) 505-6880.

**LIST OF AIR POLLUTION CONTROL DISTRICT PERMIT CATEGORIES**

Businesses, which include any of the following operations or equipment, will require clearance from the Air Pollution Control District.

**CHEMICAL**

- 47 – Organic Gas Sterilizers
- 32 – Acid Chemical Milling
- 33 – Can & Coil Manufacturing
- 44 – Evaporators, Dryers & Stills Processing Organic Materials
- 24 – Dry Chemical Mixing & Detergent Spray Towers
- 35 – Bulk Dry Chemicals Storage
- 55 – Chrome Electroplating Tanks

**COATINGS & ORGANIC SOLVENTS**

- 27 – Coating & Painting
- 37 – Plasma Arc & Ceramic Deposition Spray Booths
- 38 – Paint, Stain & Ink Mfg
- 27 – Printing
- 27 – Polyester Resin/Fiberglass Operations

**METALS**

- 18 – Metal Melting Devices
- 19 – Oil Quenching & Salt Baths
- 32 – Hot Dip Galvanizing
- 39 – Precious Metals Refining

**ORGANIC COMPOUND MARKETING  
(GASOLINE, ETC)**

- 25 – Gasoline & Alcohol Bulk Plants & Terminals
- 25 – Intermediate Refuelers
- 26 – Gasoline & Alcohol Fuel Dispensing

**COMBUSTION**

- 34 – Piston Internal – Combustion Engines
- 13 – Boilers & Heaters (1 million BTU/hr or larger)
- 14 – Incinerators & Crematories
- 15 – Burn Out Ovens
- 16 – Core Ovens
- 20 – Gas Turbines, and Turbine Test Cells & Stands
- 48 – Landfill and/or Digester Gas Flares

**ELECTRONICS**

- 29 – Automated Soldering
- 42 – Electronic Component Mfg

**FOOD**

- 12 – Fish Canneries
- 12 – Smoke Houses
- 50 – Coffee Roasters
- 35 – Bulk Flour & Powered Sugar Storage

**SOLVENT USE**

- 28 – Vapor & Cold Degreasing
- 30 – Solvent & Extract Driers
- 31 – Dry Cleaning

**ROCK AND MINERAL**

- 04 – Hot Asphalt Batch Plants
- 05 – Rock Drills
- 06 – Screening Operations
- 07 – Sand Rock & Aggregate Plants
- 08 – Concrete Batch, CTB, Concrete Mixers, Mixers & Silos
- 10 – Brick Manufacturing

**OTHER**

- 01 – Abrasive Blasting Equipment
- 03 – Asphalt Roofing Kettles & Tankers
- 46 – Reverse Osmosis Membrane Mfg
- 51 – Aqueous Waste Neutralization
- 11 – Tire Buffers
- 17 – Brake Debonders
- 23 – Bulk Grain & Dry Chemical Transfer & Storage
- 45 – Rubber Mixers
- 21 – Waste Disposal & Reclamation Units
- 36 – Grinding Booths & Rooms
- 40 – Asphalt Pavement Heaters
- 43 – Ceramic Slip Casting
- 41 – Perlite Processing
- 40 – Cooling Towers – Registration Only
- 91 – Fumigation Operations
- 56 – WWTP (1 million gal/day or larger) & Pump Station

NOTE: OTHER EQUIPMENT NOT LISTED HERE THAT IS CAPABLE OF EMITTING AIR CONTAMINANTS MAY REQUIRE AN AIR POLLUTION CONTROL DISTRICT PERMIT. IF THERE ARE ANY QUESTIONS, CONTACT THE AIR POLLUTION CONTROL DISTRICT AT (858) 586-2600.