



SANDBLASTING PERMIT APPLICATION INFORMATION

The following details the submittal requirements and processes for sandblasting permit applications, and outlines the methodology that must be used in demonstrating to the City that the structure(s) proposed to be sandblasted are below specific lead levels. Please review and if you have any questions, contact a Permit Specialist at 310.458.8355 or eplans@smgov.net

Apply – A sandblasting permit application shall be submitted to a Permit Specialist at the Permit Services center. All of the following is required to obtain a sandblasting permit from the City of Santa Monica.

1. Completed sandblasting permit application;
2. A compliant lead test for proposed sandblasting of structures with coated (e.g. painted) surfaces, pursuant to the methodology and requirements set forth below; or, a signed and notarized Affidavit for Non-Coated Surfaces for proposed sandblasting of structures with non-coated surfaces;
3. Payment of fees.
4. Issuance of permit only to a State licensed contractor with a C61 specialty classification of D38 – Sand and Water Blasting.

Lead Test – An application for the sandblasting of a coated surface requires the submittal of a lead test using the following methodology to determine the lead content of each surface to be abraded. The test must be prepared by a certified lead inspector/assessor, and samples shall be analyzed by a laboratory currently accredited by the State of California Department of Health Services. Proposed sandblasting of uncoated surfaces does not require a lead test.

A surface is defined as any plane (or curved surface) with an area greater than 100 square feet. The number of samples that is deemed representative can change from site to site. If you are uncertain, please contact the Santa Monica Office of Sustainability and the Environment at 310-458-8711 for assistance.

For each structure, at least one sample is required from EACH surface to be sandblasted. Each wall of each additional story constitutes an additional surface. For an average one-story single-family home with four exterior walls, a minimum of 4 samples is required. Each sample should be taken from a different wall on the building. A detached garage constitutes a separate structure. Any separate element to be sandblasted requires a minimum of 2 representative samples.

Example	DESCRIPTION Surfaces to be Sandblasted	# of Samples
1	Four (4) sides from a single-story house	FOUR (4) samples , one from each wall
2	Four (4) sides from a single-story house with detached stucco wall	SIX (6) samples , one from each wall of house and two from the detached wall.
3	Four (4) sides from a single-story house [first structure] with three (3) walls from a detached garage [second structure].	SEVEN (7) samples , one from each wall of the house and one from each wall of the garage.
4	One stucco wall	TWO (2) samples from the detached wall.
5	Four (4) sides from a two (2) story apartment building.	EIGHT (8) samples , one from each wall of each story.
6	Four (4) sides from a large two (2) story commercial / industrial building.	SIXTEEN (16) samples , Two from each wall of each story.

Test Methods - There are two test methods that can be used to test for lead. Basic descriptions are provided below including the unit of analysis and the threshold for each method. The analysis must be performed by a laboratory that is currently accredited by the State of California Department of Health Services to perform lead tests. For a list of accredited laboratories, contact James Velez-Conway, Senior Sustainability Analyst with the City's Office of Sustainability and the Environment at 310-458-8711 or at James.Velez-Conway@smgov.net

1) Paint-Chip Analysis

- Unit of Analysis: parts per million (ppm) = milligrams/kilogram (mg/kg)
- Threshold: 600 (ppm) or 600 (mg/kg)

Test results shall be expressed as the actual concentration of lead detected by the analysis and not as 'positive' or 'negative'.

Sampling Methods for Paint-Chip Analysis

The paint-chip sample should be representative of the surface. Federal HUD Guidelines recommend collection of at least a 4-square-inch area to be placed in a sealable rigid container. Plastic tubes or jars with a screw top are better than plastic bags. Paint-chip collection should include, as a priority, collection of all the paint layers from the substrate, while minimizing any collection of actual substrate. (For further details, refer to ASTM ES 28-94.)

2) X-Ray Fluorescence (XRF)

- Unit of Analysis: milligrams per square centimeter (mg/cm²)
- Threshold: 0.7 (mg/cm²)

Sampling Methods for XRF

The XRF method requires special equipment and training and is typically used only by environmental consultants who are hired to conduct the sampling.

Where the lead content of surface(s) proposed to be sandblasted exceeds 600 ppm (Paint-Chip Analysis) or 0.7 mg/cm² (X-Ray Fluorescence):

1. Submittal of a lead abatement plan prepared by a certified lead project designer or lead project monitor shall be required as part of the sandblasting permit application;
2. Lead abatement work shall be performed by a certified lead supervisor and certified lead workers; and
3. Lead clearance work shall be performed by a certified lead inspector/assessor or a certified lead project monitor.

For any additional information or questions, please contact:

James Velez-Conway, Senior Sustainability Analyst (310) 458-8711
City of Santa Monica, Office of Sustainability and the Environment



SANDBLASTING PERMIT APPLICATION

permit for abrasive blasting to safeguard property and public welfare; and to reduce human exposure to noxious materials such as lead.

JOB ADDRESS

DATE

Applicant or Agent (primary contact)	Name		Phone	
	Address		Unit	City
	State	Zip	Email	
Contractor	Contact Name		Company Name	
	Address		City	State
	Phone	Zip		
Property Owner	Name		Phone	
	Address		Unit	City
	State	Zip	Email	
Email City Business License No. California Contractor's License No. Classification				

SUBMITTAL REQUIREMENTS

<input type="checkbox"/> Application & Fees Completed Sandblasting Permit application and payment of fees.	<input type="checkbox"/> Lead Test Test prepared by certified lead inspector/assessor	<input type="checkbox"/> Lead Abatement Plan (if required) Plan prepared by certified lead project designer or lead project monitor for lead tests exceeding maximum lead thresholds.	<input type="checkbox"/> Affidavit for Non-Coated Surfaces (if applicable) Signed and notarized affidavit declaring areas to be sandblasted are free of surface coatings (paint, stucco, etc.)	<input type="checkbox"/> Means & Methods Plan (if required) Required if proposed on tenant-occupied residential property.
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PROJECT DATA

Project Description (include number of structures and surfaces to be sandblasted)	Project Valuation
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DECLARATIONS

I, the applicant / contractor / owner (circle one), hereby declare and affirm the following:

1. The surfaces to be sandblasted are free of paint, stucco, and other surface coatings. There is no, and to my knowledge has never been, any coating on the surface that could be removed for lead testing. A signed and notarized Affidavit for Sandblasting Non-Coated Surfaces will be submitted to the City with this application.	YES <input type="checkbox"/>	NO <input type="checkbox"/>	If 'YES,' skip declarations #2 and #3
2. A lead test, consistent with the City's required testing methodologies and prepared by a certified lead inspector/assessor, was analyzed by a State of California accredited laboratory and submitted as part of this sandblasting permit application demonstrating that all samples are below either 1) 600 ppm for the Paint-Chip Analysis testing methodology, or 2) 0.7 mg/cm2 for the X-Ray Fluorescence testing methodology.	YES <input type="checkbox"/>	NO <input type="checkbox"/>	If 'YES,' skip declarations #1 and #3
3. Lead abatement work will be performed by a certified lead supervisor and certified lead workers. Further, lead clearance will be performed by a certified lead inspector/assessor or a certified lead project monitor.	YES <input type="checkbox"/>	NO <input type="checkbox"/>	If 'NO,' permit cannot be issued

SANTA MONICA MUNICIPAL CODE REQUIREMENTS

According to SMMC Section 8.08.170, the following terms and conditions must be adhered to for abrasive blasting (i.e. sandblasting):

- Dry abrasive blasting is not permitted except upon special permission of the Building Officer and shall be granted only when unique circumstances make wet abrasive blasting infeasible. Any application for dry abrasive blasting shall state why wet abrasive blasting cannot be used and the additional precautions taken to protect the public.
- Abrasive blasting shall only occur Mon. - Fri. from 10 a.m. to 3 p.m.
- At least three days (72 hours) notice shall be given to owners, tenants and occupants of all structures within 150 feet of the work site.
- A physical barrier must be established between the work site, private property and the public to safeguard property and public welfare; and to reduce human exposure to noxious materials, including dust and other flying material.

I certify that requirements of SMMC will be adhered to, and affirm that the above information is correct and accurate.

Applicant Signature

Date

STAFF USE ONLY

Permit Specialist	Date	Permit No.	Fee Amount
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Affidavit for Sandblasting Non-Coated Surfaces

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

The undersigned, (print name) _____, does hereby swear, certify and affirm that:

1. I am the owner of the property located at (address of work) _____.
I wish to have a sandblasting permit issued to me for work at said address. The areas to be sand blasted are free of paint, stucco and other surface coatings. There is no, and to my knowledge has never been any coating on the surface that could be removed for lead testing.
2. I have read and understand the terms and conditions (attached), which are required to be issued a permit to sandblast and agree to abide by them.

I declare under penalty of perjury that the foregoing is true and correct.

Owner Signature: _____ Date: _____

NOTARY ACKNOWLEDGEMENT

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

On _____ 20____ before me, _____, personally appeared _____, proved to me on the basis of satisfactory evidence to be the person(s) whose name is subscribed to within the Affidavit for Sandblasting Non-Coated Surfaces and acknowledged to me that he/she executed the same in his/her authorized capacity, and who, being first duly sworn on oath according to law, deposes and says that he/she has read the foregoing Affidavit subscribed by him/her, and that the matters stated herein are true to the best of his/her information, knowledge and belief.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public (Notary Seal)

Terms and Conditions (8.08.170)

- No dry abrasive blasting shall be permitted except upon special permission of the Building Officer. Permission shall be granted only in those situations where wet abrasive blasting cannot be done due to unique circumstances. Any application for dry abrasive blasting shall state thereon the reasons why wet abrasive blasting cannot be used and the additional precautions that will be taken to protect the public.
- A minimum of three days (72 hours) notice shall be given to owners, tenants and occupants of all structures within one hundred fifty feet (150') of the site on which abrasive blasting is to be done.
- Abrasive blasting shall only be done Monday through Friday from 10:00 am to 3:00 pm.
- Sand blasting permits will only be issued to licensed contractors with a specialty classification of C61 (D38 Sand and Water Blasting).
- A physical barrier must be established between the work site, private property and the public to safeguard property and public welfare; and to reduce human exposure to noxious materials to include dust and other flying material.
- At the Building Officer's discretion, restrictions in addition to the standards set forth in these terms and conditions may be imposed on a case-by-case basis, when such additional restrictions are necessary to protect the public health and safety.