

State of California
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Public Hearing to Consider the Adoption of Amendments to Abrasive
Blasting Regulations

Agenda Item No.: 90-18-1

Public Hearing Date: November 8, 1990

Issuing Authority: Air Resources Board

Comment: No comments were received identifying any significant
environmental issues pertaining to this item. The staff report
identified no adverse environmental effects.

Response: N/A

Certified:

Judith M. Lounsbury
Judith M. Lounsbury
Board Secretary

Date:

3/18/91

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RESOURCES AGENCY OF CALIFORNIA

State of California
AIR RESOURCES BOARD

Resolution 90-63

November 8, 1990

Agenda Item No.: 90-18-1

WHEREAS, Sections 39600 and 39601 of the Health and Safety Code authorize the Air Resources Board (the "Board") to adopt standards, rules and regulations and to do such acts as may be necessary for the proper execution of the powers and duties granted to and imposed upon the Board by law;

WHEREAS, Section 41900 of the Health and Safety Code requires the Board to adopt air pollution standards for sandblasting operations;

WHEREAS, the California Code of Regulations, Title 17, Part III, Chapter 1, Subchapter 6 establishes visible emission standards and performance standards governing emissions from abrasive blasting operations and the characteristics of abrasives used in dry blasting;

WHEREAS, the California Environmental Quality Act and Board regulations require that no project which may have significant adverse environmental impacts be adopted as originally proposed if feasible alternatives or mitigation measures are available to reduce or eliminate such impacts;

WHEREAS, a public hearing and other administrative proceedings have been held in accordance with the provisions of Chapter 3.5 (commencing with Section 11340), Part 1, Division 3, Title 2 of the Government Code;

WHEREAS, the Board's regulations need to be restructured so as to clarify and simplify restrictions on the use of abrasives and to devise an alternative certification test procedure which would allow certification of very fine materials that cannot meet current standards;

WHEREAS, the Board finds that its regulations on sandblasting need to be revised to extend the requirement for the use of a certified abrasive to all dry blasting conducted within a permanent building, to accordingly eliminate the obsolete opacity standard applied to the use of uncertified abrasives, to apply a 40 percent opacity standard to all permissible outdoor blasting rather than allowing the use of certified abrasives with a 40 percent opacity standard or the use of uncertified abrasives with a 20 percent opacity standard for dry unconfined blasting, to implement a more restrictive requirement that abrasive blasting operations conducted within a permanent building meet a 20 percent opacity standard regardless of the abrasive or abrasive blasting method used, to extend the annual certification requirement to a biennial certification requirement, to add an alternative certification test method that can be used in lieu of the current before-blast test method if the abrasive fails the before-blast test and to add a "cut-point for fineness" criterion which would allow the reuse

of spent certified abrasives that pass the alternative test method requirements but which cannot pass the No. 70 US Standard sieve requirement for reuse of spent abrasives;


WHEREAS, the Board finds that the amendments herein are appropriate to implement the provisions of Sections 41900, 41902, 41904 and 41905, Health and Safety Code;

WHEREAS, the Board finds that the proposed "Visible Emission Evaluation Test Method for Selected Abrasives Used in Permissible Dry Outdoor Blasting" is an appropriate alternative to the current before blasting certification requirement for fine abrasive material; and

WHEREAS, the Board further finds that adoption of the regulations and incorporated test methods set forth in Attachments A and B will not have a significant adverse environmental impact and may have a significant beneficial impact.

NOW, THEREFORE, BE IT RESOLVED that the Board hereby amends Sections 92000 - 92540, Title 17, California Code of Regulations, as set forth in Appendix A hereto.

I hereby certify that the above is a true and correct copy of Resolution 90-63, as adopted by the Air Resources Board.



Judith M. Lounsbury, Board Secretary