



California  
Air Resources  
Board

• Advisory •

ABRASIVE  
CERTIFICATION LIST

Number 28

September 15 1988

Executive Order G-441

Abrasive Blasting Certification

The purpose of this advisory is to inform local air pollution control districts and other interested persons of Executive Order G-441 which list abrasives currently certified for use during dry unconfined blasting.

The Air Resources Board (ARB) Compliance Division staff recently certified abrasive sandblasting material in accordance with Section 92520 of Subchapter 6, Title 17, California Code of Regulations. The ARB Executive Order G-441 lists the abrasive sandblasting materials that are certified for dry unconfined abrasive blasting until May 20, 1989.

Legal Requirements

The Health and Safety Code authorizes the ARB to adopt air pollution standards for sandblasting operations. Under Title 17 of the California Code of Regulations, the ARB is required to confirm that abrasives used during dry unconfined blasting be certified as complying with those air pollution standards. The standards require that the abrasives, before blasting, shall not contain more than 1 percent by weight material passing a #70 U.S. Standard sieve; after blasting, the abrasives shall not contain more than 1.8 percent by weight material 5 microns or smaller.

Enforcement Policy

The enforcement of this certification process, and thus the air quality standards it adheres to, is an essential tool in reducing fine particulate matter emissions in the atmosphere. Since the control of these emissions can have a substantial impact on local air quality, uncertified abrasives used for dry unconfined blasting are subject to the more stringent Ringelmann No. 1 visible emission standard. Certified abrasives, however, are subject to the Ringelmann No. 2 visible emission standard.

If you have any inquiries regarding Executive Order G-441, the test method evaluation, or the certification process, please contact Gary Zimmerman, Manager of the Source Testing Section at (916) 322-2886.

James J. Morgester, Chief  
Compliance Division  
Air Resources Board  
P.O. Box 2815  
Sacramento, California 95812

State of California  
Air Resources Board

Executive Order G-441

WHEREAS, Article 4 (commencing with Section 41900), Chapter 3, Part 4, Division 26 of the Health and Safety Code authorizes the Air Resources Board (the "ARB") to adopt abrasive blasting standards;

WHEREAS, in Subchapter 6 (commencing with Section 92000), Chapter 1, Part III, Title 17, California Code of Regulations, the ARB has established abrasive blasting standards;

WHEREAS, Section 92520(b), Title 17, California Code of Regulations, provides that no person shall conduct dry unconfined blasting unless the abrasive(s) used in such operations have been certified by the ARB, on at least an annual basis, to comply with the performance standards set forth in Section 92520(b);

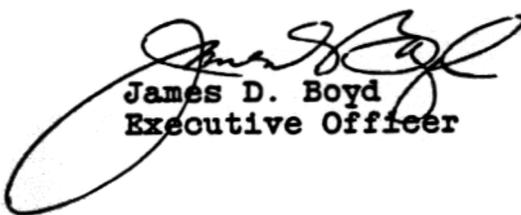
WHEREAS, Health and Safety Code Sections 39515 and 39516 delegate to the Executive Officer any power which the ARB may lawfully delegate;

WHEREAS, the abrasives listed in Exhibit A (attached) have been tested in accordance with "Method of Test for Abrasive Media Evaluation," Test Method No. California 371-A, and found to comply with provisions of Section 92520, Title 17, California Code of Regulations;

NOW, THEREFORE, IT IS ORDERED that the abrasives listed in Exhibit A are certified pursuant to Section 92520(b), Title 17, California Code of Regulations, and may be used accordingly for dry unconfined blasting until May 20, 1989.

IT IS FURTHER ORDERED that this Executive Order shall expire on May 20, 1989, and the above-listed abrasives shall not be certified after that date for dry unconfined blasting unless they are recertified in accordance with the provisions of Section 92520(b), Title 17, California Code of Regulations.

Executed this 13th day of September  
1988, at Sacramento, California.

  
James D. Boyd  
Executive Officer

September 9, 1988  
Expires May 20, 1989

EXHIBIT A

EXECUTIVE ORDER G-441

STATE OF CALIFORNIA  
AIR RESOURCES BOARD

ABRASIVES CERTIFIED FOR DRY UNCONFINED BLASTING pursuant to Section 92520 of Subchapter 6, Title 17, California Code of Regulations:

Company

- |    |  |   |
|----|--|---|
| 1. | Apache - Blast, Inc.<br>H. M. Hedrick<br>P.O. Box 19279<br>Houston, Texas 77224<br>(713) 468- 8647   | Sure-Shot Utility                                       |
| 2. | Applied Industrial Material<br>Corporation (AIMCOR)<br>Charles P. Gallagher, CEO<br>One Parkway North Suite 400<br>Deerfield, Illinois 60015<br>(312) 940-8700 | Green Lightning 20 x 46<br>Green Lightning 18 x 30      |
| 3. | Blackhawk Slag Products<br>Robert L. Soehnlen<br>P.O. Box 213<br>Midvale, Utah 84047<br>(801) 561-2408   | Blackhawk Fine<br>Blackhawk Medium<br>Blackhawk Utility |
| 4. | California Silica Products Company<br>D. G. Hendrickson<br>P.O. Box 249<br>San Juan Capistrano, California 92693<br>(714) 728-0171                             | #12<br>#16<br>#20<br>#30                                |
| 5. | Corona Industrial Sand Company<br>Stan D. Hendrickson<br>P.O. Box 3099<br>Corona, California 91718<br>(714) 735-4660   | Cisco #12<br>Cisco #16<br>Cisco #20<br>Cisco #30        |
| 6. | E.I. du Pont de Nemours & Company, Inc<br>W. Meyerholtz<br>Chemicals & Pigments Dept. B-14<br>Wilmington, Delaware 19898<br>(302) 774-3011                     | Coarse Staurolite                                       |

September 9, 1988  
Expires May 20, 1989

**Manufacturer:**

Garnet Millers Australia Pty. Ltd. ROM 30 X 60  
Robert J. Wicks, Executive Director  
G.P.O. Box 4318  
Sydney N.S.W. 2001  
Australia

**Importer:**

Amalgamet Canada  
Charles A. Merivale, General Manager  
P O. Box 95 Suite 2860  
Commerce Court West  
Toronto, Ontario, Canada M5L 1C9

**Distributor:**

Gordon Sand Company  
George E. Gordon, President  
P. O. Box 5549  
Compton, CA 90224  
(213) 774-7930

Grangrit, Inc.  
Allen K. Evans  
P.O. Box 968  
Harvey, Louisiana 70059  
(504) 341-0451

Grangrit-Medium

Halliburton Industrial Services  
Division  
Daryl L. Roll  
P.O. Box 4048  
Santa Fe Springs, California 90670  
(213) 946-4526

Halco Blast - coarse  
Halco Blast - medium

Harsco Corporation  
Reed Mineral Division  
Ryan R. Preble  
8149 Kennedy Avenue  
Highland, Indiana 46322  
(219) 923-4200

Green Diamond 1040  
Green Diamond 1636  
Green Diamond 1650  
Green Diamond 2050  
Black Beauty 1240  
(All Locations)  
Black Beauty 2040  
(All Locations)

16. Hedrick-Apache, Inc.  
H. M. Hedrick  
P.O. Box 19279  
Houston, Texas 77224  
(713) 468-5647

Apache-Blast 12-50

September 9, 1988  
Expires May 20, 1989

Serena Properties, Fairmount  
Minerals LTD.  
Donald E. Betzold, Manager  
P. O. Box 236  
Wedron, Il 60557  
(815) 792-8750

Black Magnum 12 x 40  
Black Magnum 20 x 40

24. Stan-Blast Abrasive Company, Inc.  
Mark A. Ensio  
P.O. Box 968  
Harvey, Louisiana 70059  
(504) 341-0451

Utility Grade

25. Tru Grit Inc.  
Robert Olson  
809 Podva Road  
Danville, CA 94526  
(415) 831-9800

Light  
Medium  
Heavy

Union Pacific Resources  
Gilbert H. Kuhnhausen  
P. O. Box 130  
Magna, Utah 84044  
1-800-525-8243

Copper Blast Utility  
Copper Blast Medium  
Copper Blast MSR

27. Unimin Corporation  
Max Steiner  
4601 Cascade Road, Box 651  
Emmett, Idaho 83617  
(208) 365-7153

Granusil #16  
Granusil #20  
Granusil #30

28. U.S. Silica Company of California  
Harold B. Treweek  
3231 Oceanside Blvd.  
Oceanside, CA 92056  
(619) 757-2630

No. 12  
No. 16  
No. 20

29. Virginia Materials Corporation  
Leonard Swann  
5660 East Virginia Beach Boulevard  
Suite 103  
Norfolk, Virginia 23502  
(804) 461-0061

VMC Black Blast  
VMC #2

Waupaca Materials, Inc.  
Robert Falks  
E3481 Hwy 22 & 54  
Waupaca, WI 54981  
(715) 258-8566

Blackjack