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. H. M. Hedrick P.O. Box 19279 Houston, Texas 77224 (713) 468- 5647	Sure-Shot Utility
2.	Applied Industrial Material Corporation (AIMCOR) Charles P. Gallagher, CEO One Parkway North Suite 400 Deerfield, Illinois 60015 (312) 940-8700	Green Lightning 20 x 46 Green Lightning 18 x 30
3.	Blackhawk Slag Products Robert L. Soehnlen P.O. Box 213 Midvale, Utah 84047 (801) 561-2408	Blackhawk Fine Blackhawk Medium Blackhawk Utility
4.	California Silica Products Company D. G. Hendrickson P.O. Box 249 San Juan Capistrano, California 92693 (714) 728-0171	#12 #16 #20 #30
5.	Corona Industrial Sand Company Stan D. Hendrickson P.O. Box 3099 Corona, California 91718 (714) 735-4660	Cisco #12 Cisco #16 Cisco #20 Cisco #30
6.	E.I. du Pont de Nemours & Company, Inc W. Meyerholtz Chemicals & Pigments Dept. B-14 Wilmington, Delaware 19898 (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. Grangrit-Medium
Allen K. Evans
P.O. Box 968
Harvey, Louisiana 70059
(504) 341-0451

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

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. Apache-Blast 12-50
H. M. Hedrick
P.O. Box 19279
Houston, Texas 77224
(713) 468-5647

	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