Executive Order G-481

List of Certified Abrasives

The purpose of this advisory is to inform local air pollution control districts and other interested persons of Executive Order G-481 which lists abrasives currently certified by Air Resources Board (ARB) Compliance Division staff in accordance with Section 92520 of Subchapter 6, Title 17, California Code of Regulations. The ARB Executive Order G-481 will expire on August 31, 1990, after which a new list of abrasives will be issued.

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, on request the ARB is required to certify abrasives used for dry unconfined blasting as complying with specific performance standards. The performance standards require that the abrasives, before blasting, shall not contain more than 1 percent by weight material passing a No. 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

Compliance with these certification requirements helps to reduce fine particulate matter emitted to the atmosphere during dry unconfined blasting. However, uncertified abrasives are not precluded from use in dry unconfined blasting. 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 questions regarding Executive Order G-481, the test method evaluation, or the certification process, please contact Gary Zimmerman, Manager of the Source Test Section at (916) 322-2886.

James J. Morgester, Chief
Compliance Division
Air Resources Board
P.O. Box 2815
Sacramento, CA 95814
State of California  
Air Resources Board  

Executive Order G-481

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 August 31, 1990.

IT IS FURTHER ORDERED that this Executive Order shall expire on August 31, 1990, 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 16th day of August 1989 at Sacramento, California.

James D. Boyd  
Executive Officer
EXHIBIT A

EXECUTIVE ORDER G-481

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

2. Applied Industrial Materials Green Lightning 20 x 46
   Corporation (AIMCOR)
   Charles P. Gallagher, CEO
   One Parkway North, Suite 400
   Deerfield, Illinois 60015
   (312) 940-8700

3. Blackhawk Slag Products Blackhawk Fine
   Robert L. Soehnlen Blackhawk Medium
   P.O. Box 213 Blackhawk Utility
   Midvale, Utah 84047
   (801) 561-2408

4. California Silica Products Company #12
   D. G. Hendrickson #16
   P.O. Box 249 #20
   San Juan Capistrano, California 92693 #30
   (714) 728-0171

5. Copper Mountain Sand Company RA coarse
   George Robinette RA medium
   P.O. Box 2509
   Monterey, California 93942
   (408) 394-6541

6. Corona Industrial Sand Company Cisco #12
   Stan D. Hendrickson Cisco #16
   20125 Temescal Cyn. Rd. Cisco #20
   Corona, California 91719 Cisco #30
   (714) 735-4660
7. Finican S.A.
Michael C. Millar
P. O. Box 129
Amador, California 95601
(916) (209) 267-0530

8. Foster-Dixiana Corporation
Carl L. Foster
P. O. Box 2002
Columbia, S. C. 29202
(803) 794-2872

Steve Rosin
17899 South Susana Road
Compton, CA 90221
(231) 637-3427

P. W. Gillibrand Company
John C. Heter
P. O. Box 3476
Simi Valley, California 93063
(805) 526-2195

Glenbrook Nickel Company
Mark Gadsby
P. O. Box 85
Riddle, Oregon 97469
(503) 874-3171

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

13. Manufacturer:
Emerald Creek Garnet Milling Co.
Norman (Bud) L. McCall, President
Box 190
(208) 245-2797
Fernwood, ID 83830

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

September 1, 1989
Expires August 31, 1990
September 1, 1989
Expires August 31, 1990

14. Manufacturer:
   Garnet Millers Australia Pty. Ltd.
   Robert J. Wicks, Executive Director
   P.O. Box 188  Geraldton
   W.A. 6530  Australia

Distributor:
   Barton Mines Corporation
   James L. Nash
   Blastmedia Division
   1658 Cole Blvd.  #190
   Golden, Colorado, 80401

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

15.  Grangrit, Inc.
    Allen K. Evans
    3300 River Road
    Harvey, Louisiana 70059
    (504) 341-0451

    Halliburton Industrial Services
    Division
    Daryl L. Roll
    12904 E. Park Street
    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)
    Black Beauty 2550
    (All Locations)
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<th>Number</th>
<th>Company Name</th>
<th>Address 1</th>
<th>City, State, Zip</th>
<th>Phone</th>
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<td>18.</td>
<td>Kleen Blast, Inc.</td>
<td>809 Podva Rd, Hayward, California 94544</td>
<td>(415) 471-2100</td>
<td>Kleen Blast 16-30, Kleen Blast 35, Kleen Blast 16, Kleen Blast 8-12</td>
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<tr>
<td>19.</td>
<td>Minerals Research and Recovery of Arizona, Inc.</td>
<td>4565 South Palo Verde #203, Tucson, Arizona 85714</td>
<td>(602) 748-9362</td>
<td>Sharpshot F-80 25, Sharpshot M-60, Sharpshot F-80 36, Crystal Amber #3, Crystal Amber #2/L, Monterey #16, Crystal Amber #2/-/Monterey #20, Crystal Amber #1C, Crystal Amber #1, Crystal Amber #0/Monterey #30</td>
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<tr>
<td></td>
<td>Monterey Sand Company</td>
<td>P.O. Box 3055, Monterey, California 93942</td>
<td>(408) 394-6541</td>
<td>Crystal Amber #3, Crystal Amber #2/L, Monterey #16, Crystal Amber #2/-/Monterey #20, Crystal Amber #1C, Crystal Amber #1, Crystal Amber #0/Monterey #30</td>
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<tr>
<td></td>
<td>Nietim</td>
<td>P.O. Box 1103, 3350 CC Papendrecht, The Netherlands</td>
<td>+31(78) 158122</td>
<td>Nietim Blastgrit, Grade A3 ASTM mesh 1240, Ferro Blast 16/30</td>
<td></td>
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<td></td>
<td>RDM Multi-Enterprises, Inc.</td>
<td>P.O. Box 179, Anaconda, Montana 59711</td>
<td>(406) 563-3433</td>
<td>Clementina No. 3, Lapis Luster No. 1/20, Lapis Luster No. 1C, Lapis Luster No. 2/12, Lapis Luster No. 2/-/16, Lapis Luster No. 0/30, Clementina No. 3, Clementina No. 1/20, Clementina No. 1C, Clementina No. 2/12, Clementina No. 2/-/16, Clementina No. 0/30</td>
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<tr>
<td>23.</td>
<td>RMC Lonestar</td>
<td>P.O. Box 5252, Pleasanton CA 94566</td>
<td>(415) 866-2780</td>
<td>Lapis Lustre No. 3, Lapis Luster No. 1/20, Lapis Luster No. 1C, Lapis Luster No. 2/12, Lapis Luster No. 2/-/16, Lapis Luster No. 0/30, Clementina No. 3, Clementina No. 1/20, Clementina No. 1C, Clementina No. 2/12, Clementina No. 2/-/16, Clementina No. 0/30</td>
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September 1, 1989
Expires August 31, 1990

Serena Properties, Fairmount Minerals LTD.
Donald E. Betzold, Manager
P.O. Box 236
Wedron, IL 60557
(815) 443-2449

Stan-Blast Abrasive Company, Inc.
Michael D. Vick
P.O. Box 968
Harvey, Louisiana 70059
(504) 341-0451

26. Tidewater Materials of Virginia, Inc.
H. M. Hedrick II
P.O. Box 79747
Houston, Texas 77224
(713) 468-5647

Union Pacific Resources
Douglas Bedingfield
P.O. Box 130
Magna, Utah 84044
(801) 250-9474

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

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