State of California
Air Resources Board

Executive Order G-00-022

Certification of Abrasives for Permissible Outdoor Blasting

WHEREAS, Health and Safety Code section 41900 authorizes the Air Resources Board (ARB) to adopt abrasive blasting standards;

WHEREAS, in Title 17, California Code of Regulations, section 92000, et seq. the ARB has established abrasive blasting standards;

WHEREAS, Title 17, California Code of Regulations, section 92500(c), provides in part that any permissible abrasive blasting operation conducted outside a permanent building must use exclusively wet abrasive blasting, hydroblasting, vacuum blasting, or abrasives certified by the ARB for permissible dry outdoor blasting;

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, dated May 15, 1975, including the "Visible Emission Evaluation Test Method for Selected Abrasives Used in Permissible Dry Outdoor Blasting" as adopted by the Air Resources Board on April 1, 1991 for some selected abrasives, and all have been found to comply with the abrasive certification performance standards set forth in Title 17, California Code of Regulations, section 92530(b);

WHEREAS, the ARB's Executive Officer pursuant to Health and Safety Code section 39516 issued Executive Order G-891 delegating to the Chief of the Board's Compliance Division the authority to certify abrasives in accordance with Title 17, California Code of Regulations, section 92530(a);

NOW, THEREFORE, I, James J. Morgester, Chief of the Air Resources Board's Compliance Division, order certified the abrasives listed in Exhibit A for permissible dry outdoor blasting pursuant to Title 17, California Code of Regulations, section 92530;

IT IS FURTHER ORDERED pursuant to Title 17, California Code of Regulations, section 92530 (a), that the certifications granted by this Executive Order will expire on the respective dates listed in Exhibit A and thereafter no previously listed abrasive will be permissible for dry outdoor blasting until recertified in accordance with Title 17, California Code of Regulations, section 92530;

IT IS FURTHER ORDERED that Executive Order G-99-084 is superseded by this order.

Executed this 15TH day of May, 2000 at Sacramento, California.

James J. Morgester, Chief
Compliance Division

Exhibit A

EXECUTIVE ORDER G-00-022

STATE OF CALIFORNIA
AIR RESOURCES BOARD

ABRASIVES CERTIFIED FOR PERMISSIBLE DRY OUTDOOR BLASTING pursuant to Section 92530 of Subchapter 6, Title 17, California Code of Regulations. Unless otherwise noted, the cut-point for fineness (cpff) is #70 sieve.

| Company | Brand name or Grade | Expires |
|---|---|---|
| Abrasives, Incorporated<br>Larry R. Roth<br>Box 233<br>Elgin, ND 58533<br>(701) 584-3422 FAX (701) 584-3242<br><br>Plant<br>1 blk S. Junction 49 and 21, E of Elgin, ND | Black Magic 8-20<br>Black Magic 16-50 | 8/31/00<br>8/31/00 |
| Abrasives Technologies, Incorporated<br>Albie Kraemer<br>499 Cottage Grove Drive<br>Woodbury, MN 55129<br>(612) 436-6071 FAX (612) 436-6744<br><br>Plant<br>499 Cottage Grove Dr., Woodbury, MN | Black Diamond, Inc. | 8/31/00 |
| The Andersons, Inc.<br>Ted Weaver<br>P.O. Box 119<br>Maumee, Ohio 43537<br>(800) 537-3370 FAX (419) 891-6539<br><br>Plant<br>Rt. 25 & 218 County Road<br>Delphi, Indiana 46923 | Grit-o'cobs 1014 | 8/31/01 |
| Barnes Environmental International, Inc.<br>Bob Hunt<br>407 Parkside Dr. E<br>Waterdown, Ontario L0R 2H0<br>(905) 689-6661 FAX (905) 689-0485<br><br>Plant<br>407 Parkside Dr.<br>Waterdown, Ontario Canada | Barshot 20<br>Barshot 30<br>Barshot 50<br>EG12 Ebony Grit 12<br>EG14 Ebony Grit 14<br>EG20 Ebony Grit 20 | 8/31/01<br>8/31/01<br>8/31/01<br>8/31/01<br>8/31/01<br>8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Bell & MacKenzie Co., Ltd.<br>Richard Bell<br>Post Office Box 844, LCD#1<br>Hamilton, Ontario L8N 3N9<br>Canada<br>(905) 527-6000 FAX (905) 527-6660<br><br>Plant<br>500 Sherman Ave. N.<br>Hamilton, Ontario | Nickel Slag Black Magic #12<br>Nickel Slag Black Magic #20 | 8/31/00<br>8/31/00 |
| CAE Alpheus Inc.<br>Thomas P. Fahey<br>9119 Milliken Ave.<br>Rancho Cucamonga, CA 91730<br>(909) 481-6444 FAX (909) 980-5696<br><br>Plant<br>9119 Milliken Avenue<br>Rancho Cucamonga, CA 91730 | Alpheus $CO_2$ Cleanblast | 8/31/00 |
| Chemical Lime Company of Arizona<br>Daniel T. Rupinski<br>P.O. Box 1938<br>Salinas, CA 93902<br>(800) 369-8989 FAX (831) 443-5599<br><br>Plant<br>11771 Old Stage Road<br>Salinas, CA | #12 Dolosand | 8/31/01 |
| Cold Jet, Incorporated<br>Ben Shepard<br>1237 Archer Street<br>San Diego, California 92109<br>(619) 539-6988 FAX (619) 539-6988<br><br>Plant<br>Produced at blasting site | CO2 Dry Ice Pellets | 8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Cominco American, Inc., Green Diamond Products<br>Cheri. K. Anderson<br>P.O. Box 85<br>Riddle, OR 97469<br>(541) 874-3111 FAX (541) 874-3113<br><br>Plant<br>Corner of 6th & E St., Riddle, OR | Green Diamond 1040<br>Green Diamond 1636<br>Green Diamond 1650<br>Green Diamond 2050 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |
| Cominco American, Incorporated, Ruby Garnet Operation<br>Keith Persons<br>P.O. Box 137<br>Alder, MT 59710<br>(406) 842-5006 FAX (406) 842-5951<br><br>Plant<br>2200 Hwy 287, Alder, MT | Ruby Garnet R-8/12<br>Ruby Garnet R-16<br>Ruby Garnet R-25<br>Ruby Garnet R-30/40<br>Ruby Garnet R-36<br>Ruby Garnet R-50<br>Ruby Garnet R-60 | 8/31/01<br>8/31/01<br>8/31/01<br>8/31/01<br>8/31/01<br>8/31/01<br>8/31/01 |
| Don Kelland Materials, Inc.<br>Don Kelland<br>2454 East 24th Street<br>Yuma, AZ 85366<br>(520) 341-9401 FAX (520) 344-0037<br><br>Plant<br>Roll Plant, 38E & County 4th, Roll, AZ | Yuma Gold K2 (16x50)<br>Yuma Gold K4 (8x20) | 8/31/00<br>8/31/00 |
| E.I. Du Pont De Nemours & Company, Inc.<br>Phil Pombier<br>P.O. Box 753<br>Starke, FL 32091<br>(904) 964-1217 FAX (904) 964-1298<br><br>Plant<br>Off SR 230 E, Camp Blanding W Gate<br>Starke, FL | Biasill®<br>(cpff=#270)<br>Starblast®<br>(cpff=#270)<br>Starblast® XL<br>(cpff=#270)<br>Starblast® Ultra<br>(cpff=#270)<br>Coarse Staurolite | 8/31/00<br><br>8/31/00<br><br>8/31/00<br><br>8/31/00<br><br>8/31/00 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Eurogrit BV<br>Jan Lagrand<br>P.O. Box 1013<br>3430 BA Neiuwegein<br>The Netherlands<br>+31-30-6062434 FAX +31-30-6063262 | Eurogrit 10/40<br>Eurogrit 12/40<br>Eurogrit 20/40 | 8/31/01<br>8/31/01<br>8/31/01 |
| Plant<br>Kilkade 30<br>3316 BC Dordrecht<br>The Netherlands | | |
| Fairmount Minerals, Incorporated, Stan Blast Abrasives Division<br>Paul Robinson<br>2525 S. Shore Blvd., # 301<br>League City, TX 77573<br>(281) 334-5400 FAX (281) 334-5205 | | |
| Plant<br>11000 Baldwin Road<br>Baldwin, IL | Black Magnum | 8/31/01 |
| Plant<br>3860 Peters Road<br>Harvey, LA | Stan Blast | 8/31/00 |
| Plant<br>5712 Harbor Side Drive<br>Galveston, TX | Stan Blast | 8/31/00 |
| Foster-Dixiana Corporation<br>Roy Brink<br>P.O. Box 2005<br>Columbia, SC 29202<br>(803) 791-3129 FAX (803) 794-0072 | Black Diamond | 8/31/00 |
| Plant<br>Hardeeville Industrial Park<br>Highway 17<br>Hardeeville, SC 29927 | | |

| Company | Brand name or Grade | Expires |
|---|---|---|
| GMA Garnet Pty Ltd.<br>Robert J. Wicks<br>P.O. Box 644<br>Nedlands, WA 6009<br>Australia<br>(09) 386 8618 FAX(09) 389 8547 | GMA 30x60<br>(cpff=#140) | 8/31/00 |
| | ROM 30x60<br>(cpff=140) | 8/31/00 |
| | GMA 80 Mesh<br>(cpff=200) | 8/31/00 |
| | GMA 80SB<br>(cpff=200) | 8/31/00 |

Plant
S. Gould Rd., South of Geraldton, W. Australia

Distributors
Barton Mines Company
Blast Media Division
Timothy Q. Conboy
P.O. Box 591
Lake George, NY 12845
(518) 798-5462 FAX (518) 798-5728

Mission Abrasive Supplies
Greg Carlson
9292 Activity Road
San Diego, CA 92126
(858) 566-6700 FAX (858) 271-5079

Porter Warner Industries
Steve Cramer
6623 E. Washington Blvd.
Commerce, CA 90040
(323) 722-1335 FAX (323) 724-8858

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Gordon Sand Company
George E. Gordon III
P.O. Box 5549
Compton, CA 90224
(323) 774-7930 FAX (310) 537-2483

| | | |
|---|---|---|
| Plant<br>4 mi. W. of Guadalupe, CA on W. Main St. | Golden Flint G-30# | 8/31/00 |
| | Golden Flint G-16# | 8/31/00 |
| | Golden Flint G-20# | 8/31/00 |
| Plant<br>2201 S. Santa Fe Ave.<br>Compton, CA | Sharp Shot F2050/Blastox Blend<br>(cpff=#140) | 8/31/01 |

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| Company | Brand name or Grade | Expires |
|---|---|---|
| Kleen Blast Division - CanAm Minerals<br>Tim Spurgeon<br>2400 Old Crow Canyon Road, Suite A2<br>San Ramon, California 94583<br>(925) 831-9800 FAX (925) 831-9183 | | |
| Plant<br>Pacific Abrasives & Supply, Inc.<br>Tim Spurgeon<br>West Carson Road<br>Grand Forks, BC V0H IH0 Canada | Kleen Blast #8/12<br>Kleen Blast #16<br>Kleen Blast #16/30<br>Kleen Blast #35<br>Kleen Blast #30/60 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |
| Distributors<br>Clementina Equipment Company<br>R. Al Williams<br>2177 Jerrold Avenue<br>San Francisco, CA 94124<br>(415) 282-7290 FAX (415) 920-0520 | | |
| Kleen Blast Abrasives (Northern California)<br>Don Stephenson<br>30028 Industrial Parkway<br>Hayward, CA 94544<br>(925) 471-2100 FAX (925) 471-2447 | | |
| Kleen Blast Abrasives (Southern California)<br>Rick Christiansen<br>93 8th Ave.<br>San Diego, CA 92101<br>(619) 239-1092 FAX (619) 239-1096 | | |
| Kleen Blast Abrasives (Oregon)<br>Craig Pritehard<br>3650 N. W. Yeon Ave.<br>Portland, OR 97210<br>(503) 228-3965 FAX (503) 228-6807 | | |
| Kleen Blast Abrasives (Washington)<br>Dave Ketrenos<br>1448 St Paul Ave.<br>Tacoma, WA 98421<br>(253) 383-2168 FAX (253) 383-2267 | | |
| Plant<br>30028 Industrial Parkway SW<br>Hayward, CA | Kleen Blast #30-60/15% Blastox<br>Kleen Blast #16-30/15% Blastox<br>Kleen Blast #35/15% Blastox | 8/31/01<br>8/31/01<br>8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Marco Group International, Inc<br>William Marthens II<br>1044 S. Dittmer St.<br>Davenport, IA 52802<br>(319) 324-2519 FAX (319) 324-8504 | Black Lightning 16/30<br>Black Lightning 8/20<br>Black Lightning 30/60 | 8/31/00<br>8/31/00<br>8/31/01 |
| Plant<br>Nevada Slag, Inc.<br>Hwy. 93, Kennecott Slag Plant, McGill, NV | | |
| MBI International<br>Douglas B. Rivers<br>3900 Collins Road<br>Lansing, Michigan 48910<br>(517) 336-4617 FAX (517) 337-2122 | BioAbrasive<br>Cherry Pits (20-30 Mesh) | 8/31/01<br>8/31/01 |
| Plant<br>Food Protein Research & Development Center<br>Cater – Mattil Hall<br>Texas A & M University System<br>College Station, TX | | |
| Minerals Research and Recovery, Inc.<br>Stephen F. Mehlman<br>4620 S. Coach Drive<br>Tucson, AZ 85714<br>(520) 748-9362 FAX (520) 748-9364 | Sharpshot 16x50<br>Sharpshot F1650<br>Sharpshot M-60<br>Sharpshot F80(36)<br>(cpff=#270)<br>Sharpshot 12x30<br>Sharpshot 30x60<br>(cpff=#270) | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br><br>8/31/00<br>8/31/00 |
| Plant<br>Hwy. 85, Ajo, AZ | | |
| Distributors<br>Gordon Sand Company<br>Clint LeGrant<br>2201 S. Santa Fe Ave. - 90221<br>Post Office Box 5549<br>Compton, CA 90224<br>(213) 774-7930 FAX (310) 537-2483 800-333-7930 | | |
| Gordon Industries<br>George E. Gordon<br>975 66th Avenue<br>Oakland, CA 94621<br>(510) 632-6900 FAX (510) 632-6961 | | |
| Plant<br>Across from Phelps – Dodge Copper Mine<br>Hwy. 85, South of Ajo, AZ | Sharpshot 20x50 | 8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Mobile Abrasives<br>Edward J. Serda<br>P.O. Box 1156<br>Mobile, Alabama 36633<br>(334) 694-0023 FAX(334) 694-7993<br><br>Plant - Pinto Island<br>400 Dunlap Dr.<br>Mobile, AL | Black Blast | 8/31/00 |
| Mt. Pulaski Products, Inc.<br>Pete Marsh<br>Post Office Box 110<br>Mt. Pulaski, Illinois 62548<br>(217) 792-3211 FAX (217) 792-5040<br><br>Plant<br>908 N. Vine, Mt. Pulaski, IL | Mt. Pulaski Products, Inc. #3 (20/40) | 8/31/01 |
| Mt. Pulaski Products, Inc.<br>Certifing Party<br>Energized Substation Maintenance, Inc.<br>Ronald R. Goss<br>Post Office Box 2345<br>Apple Valley, CA 92307<br>(760) 247-2365 FAX (760) 247-2915<br><br>Plant<br>904 N. Vine, Mt. Pulaski, IL | 14/20 Processed Corn Cobs<br>#2 (14/20) Processed Corn Cobs | 8/31/01<br>8/31/01 |
| Nevada Slag, Inc.<br>Paul Sonerholm<br>P.O. Box 1314<br>McGill, NV 89318<br>(702) 235-7500 FAX (702) 235-7962 | | |
| Plant<br>55 North 4th Street, McGill, NV | Nevada Black 8/20<br>Nevada Black 16/30 | 8/31/00<br>8/31/00 |
| Plant<br>55 North 4th Street, McGill, NV | Nevada Black 30/60<br>(cpff=#140) | 8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Oglebay Norton Industrial Sands, Inc.<br>D. G. Hendrickson<br>P.O. Box 249<br>San Juan Capistrano, CA 92693<br>(949) 728-0171 FAX (949) 728-0321<br><br>Plant<br>31302 Ortega Hwy.<br>San Juan Capistrano, CA | Oglebay Norton Industrial Sands #12<br>Oglebay Norton Industrial Sands #16<br>Oglebay Norton Industrial Sands #20<br>Oglebay Norton Industrial Sands #30 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |
| Oglebay Norton Minerals, Inc.<br>Fred Licon<br>P. O. Box 12642<br>El Paso, TX 79912<br>(915) 532-1611 FAX (915) 544-7011<br><br>Plant<br>34 San Marcos Dr.<br>El Paso, TX | Rapid Blast 16-50 | 8/31/00 |
| P.W. Gillibrand Co., Inc.<br>P.W. Gillibrand<br>5131 Tapo Canyon Road<br>Simi Valley, CA 93063<br>(805) 526-2195 FAX (805) 522-4031<br><br>Plant<br>Specialty Sands Plant<br>End of Bennett Road<br>Simi Valley, CA | Silver Sand #12<br>Silver Sand #16<br>Silver Sand #20<br>Silver Sand #30 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |
| Pontchartrain Materials Corporation<br>Arthur Geary<br>P.O. Box 8005<br>New Orleans, LA 70182<br>(504) 949-7571 FAX (504) 944-3338<br><br>Plant<br>3819 France Road<br>New Orleans, LA | PMC 2.0 Medium | 8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| RDM Multi-Enterprises, Inc.<br>Dominic DiFrancesco<br>105 North Silver Street<br>Anaconda, MT 59711<br>(406) 563-3433 FAX (406) 563-3435<br><br>Plant<br>1/2 mi. east of Anaconda,<br>Montana on Hwy. #1 | Best Grit #8/20<br>Best Grit #16/30<br>Best Grit #30/60<br>Best Grit #36<br>Ferro Blast #8/20<br>Ferro Blast #16/30<br>Ferro Blast #30/60<br>Ferro Blast #36<br>Ferro Blast-73 #8/20<br>Ferro Blast-73 #16/30<br>Ferro Blast-73 #36 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |
| RMC Lonestar<br>Bob Foley<br>4750 - A Norris Canyon Rd.<br>San Ramon, CA 94583<br>(510) 866-2780 FAX (510) 866-2983<br><br>Plant<br>Lapis Rd.<br>Marina, CA<br><br>Distributors<br>Clementina Equipment Company<br>R. Al Williams<br>2177 Jerrold Avenue<br>San Francisco, CA 94124<br><br>Gordon Industries<br>George E. Gordon III<br>975 66th Ave.<br>Oakland, CA 94583<br>(510) 632-6900 FAX (510) 632-6961<br><br>Gordon Sand Company<br>Clint LeGrant<br>2201 S. Santa Fe Ave. - 90221<br>Post Office Box 5549<br>Compton, CA 90224<br>(213) 774-7930 FAX (310) 537-2483 800-333-7930 | Lapis Lustre No. 0/30<br>Lapis Lustre No. 1C<br>Lapis Lustre No. 1/20<br>Lapis Lustre No. 2/12<br>Lapis Lustre No. 2/16<br>Lapis Lustre No. 3 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Reed Minerals, A Division of Harsco<br>Anthony J. Budzinski<br>Post Office Box 0515<br>Camp Hill, Pennsylvania 17001<br>(717) 763-4200 FAX (717) 763-6496 | | |
| Plant<br>600-800 Outer Drive<br>LaCygne, KS | Black Beauty 1240<br>Black Beauty 2040 | 8/31/00<br>8/31/00 |
| Plant<br>One mile east on State Rte 176<br>Drakesboro, KY 42337 | Black Beauty 1240<br>Black Beauty 2040 | 8/31/00<br>8/31/00 |
| Plant<br>97 River Road #1<br>Bow, NH 03304 | Black Beauty 1243<br>Black Beauty 2043 | 8/31/00<br>8/31/00 |
| Plant<br>Rt 2 South of Mitchell Generating Station<br>Moundsville, WV 26041 | Black Beauty® 1240<br>Black Beauty® 2040<br>Black Beauty® 4490 | 8/31/01<br>8/31/01<br>8/31/01 |
| Reed Minerals<br>Certifying Party<br>GenCorp Aerojet<br>Anitra A. Brosseau<br>Post Office Box 13222<br>Sacramento, CA 95813<br>(916) 355-2950 FAX (916) 355-6992<br><br>Plant<br>Farm Road 1786, at the Alcola site, Rockdale TX | Black Beauty 2049 | 8/31/01 |
| Silica Resources, Inc.<br>Tom Hale<br>4553 Hammonton Road<br>Marysville, CA 95901<br>(530) 741-0290 FAX (530) 741-3457<br><br>Plant<br>4553 Hammonton Road<br>Marysville, CA | SRI Supreme #12<br>SRI Supreme #16<br>SRI Supreme #20<br>SRI Supreme #30 | 8/31/00<br>8/31/00<br>8/31/00<br>8/31/00 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Specialty Sand Company, Incorporated<br>Margo Villanueva<br>16601 Garrett Road<br>Houston, Texas 77044<br>(281)456-9553 (281) 456-9557<br><br>Plant<br>16601 Garrett Road<br>Houston, TX | Abrade Away/Copper Slag (Medium Grade) | 8/31/01 |
| Sponge-Jet, Incorporated<br>Bill McLaughlin<br>95 C Dow Highway<br>Eliot, Maine 03903<br>(207) 439-0211 FAX (207) 439-7389<br><br>Plant<br>Rural Route 6<br>Montrose, PA | Sponge-Jet #16 Silver<br>Sponge-Jet #30 Silver | 8/31/01<br>8/31/01 |
| Strategic Materials, Inc.<br>Tom E. Dudak<br>5151 San Felipe, Suite 1400<br>Houston, TX 77056<br>(713) 881-5069 FAX (713) 881-5010 | | |
| Plant<br>7000 Bandini<br>Commerce, CA | WhiteBlast Eco | 8/31/01 |
| Plant<br>1932 Fairway Dr.<br>San Leandro, CA | WhiteBlast Eco | 8/31/01 |
| Plant<br>One Osprey Court<br>Swedesboro, NJ | WhiteBlast Eco | 8/31/01 |
| Plant<br>Hwy 146, North Eastern Industrial Park<br>Guilderland Center NY | WhiteBlast Eco | 8/31/01 |
| Plant<br>2323 West 3rd St.<br>Cleveland OH | WhiteBlast Eco | 8/31/01 |
| Plant<br>1035 Thompson Rd., Industrial Park<br>Ashland City, TN | WhiteBlast 20/40<br>WhiteBlast Eco | 8/31/01<br>8/31/01 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Sweetwater Garnet, Inc.<br>John Hill<br>7725 Montana Highway 915<br>Dillon, MT 59725<br>(406) 683-5668 FAX (406) 683-2696<br><br>Plant<br>7725 Montana Highway 91 S.<br>Dillon, MT | Red Dog Garnet #16<br>Red Dog Garnet #36<br>Red Dog Garnet #30/40<br>Red Dog Garnet #30/60<br>Red Dog Garnet #50 | 8/31/01<br>8/31/01<br>8/31/01<br>8/31/01<br>8/31/01 |
| TriVitro Corporation<br>Donald H. Freas<br>18250 – 68th Avenue South<br>Kent, WA 98032<br>(425) 251-8340 FAX (425) 251-8301<br><br>Plant<br>18250 – 68th Avenue South<br>Kent WA | Vitrogrit VG #16<br>Vitrogrit VG #16/30<br>Vitrogrit VG #30/50 | 8/31/01<br>8/31/01<br>8/31/01 |
| Unical, Inc.<br>Francois Barthe<br>550 rue Parc Industriel<br>Longueuil, Quebec J4H3V6<br>Canada<br>(514) 674-5566 FAX (514) 674-3099<br><br>Plant<br>550 rue Parc Industriel, Longueuil, Quebec, Canada | Super 16<br>Super 30 | 8/31/00<br>8/31/00 |
| Unimin Corporation<br>Chris Karr<br>1910 Cochran Road, Suite 728<br>Pittsburgh, PA 15220-1107<br>(412) 561-7501 FAX (412) 561-7809<br><br>Plant<br>915 Pettit St.<br>Hamilton, WA | Green Lightning® 2.8 (20x46) | 8/31/00 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Universal Ground Cullet, Inc.<br>Robert F. VanBuskirk<br>6407 Wolf Road<br>Brook Park, OH 44142<br>(216) 267-8057 FAX (216) 267-8067 | UGC Abrasive 10x30<br>UGC Abrasive 20x40<br>UGC Abrasive 30x60 | 8/31/00<br>8/31/00<br>8/31/00 |
| Plant<br>400 W. Cedar St.<br>Gibsonburg, OH | | |
| Universal Ice Blast, Incorporated<br>Michael Neil<br>1801 130th Ave. NE<br>Bellevue, WA 98005<br>(425) 883-1470 FAX (425) 881-6843 | Universal Ice Blast, Inc. | 8/31/01 |
| Plant<br>Produced at blasting site | | |
| Virginia Materials & Supplies, Inc.<br>John W. Burns<br>3306 Peterson Street<br>Norfolk, VA 23509-2415<br>(757) 855-0155 FAX (757) 857-5631 | | |
| Plant<br>3306 Peterson St.<br>Norfolk, VA | Black Blast<br>Black Blast with Blastox<br>Crystalgrit<br>Glassgrit | 8/31/00<br>8/31/01<br>8/31/01<br>8/31/01 |
| Plant<br>5360 Bainbridge Blvd.<br>Chesapeake, VA | Black Blast | 8/31/00 |

| Company | Brand name or Grade | Expires |
|---|---|---|
| Western Garnet International, Ltd.<br>Greg Emerson<br>101 Ironwood Drive, #210<br>Coeur d'Alene, ID 83814<br>(208) 666-6000 FAX (208) 666-4000 | | |
| Plant | | |
| 4 mi S of Fernwood, Hwy 3, Emerald Creek Rd.<br>Fernwood, ID | Emerald Creek Garnet #8/12 | 8/31/01 |
| | Emerald Creek Garnet #16 | 8/31/01 |
| | Emerald Creek Garnet #25 | 8/31/01 |
| | Emerald Creek Garnet #30/40 | 8/31/01 |
| | Emerald Creek Garnet #36 | 8/31/01 |
| | Emerald Creek Garnet #40/SB | 8/31/01 |
| | Emerald Creek Garnet #60 | 8/31/01 |
| Plant | | |
| A/200 M.A.C. Gardens<br>State Bank Colony<br>Tuticorin, India | Transworld Garnet Bengal Bay Garnet 12/40 | 8/31/01 |
| | Transworld Garnet Bengal Bay Garnet 20/40 | 8/31/01 |