State of California
Air Resources Board

Executive Order G-00-058

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IT IS FURTHER ORDERED that Executive Order G-00-022 is superseded by this order.

Executed this 31st day of August , 2000 at Sacramento, California.

James J. Morgester, Chief
Compliance Division

Exhibit A

EXECUTIVE ORDER G-00-058

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 Larry R. Roth Box 233 Elgin, ND 58533 (701) 584-3422 FAX (701) 584-3242 Plant 411 1st Ave. SE, Elgin, ND	Black Magic 8-20	12/31/00
The Andersons, Inc. Ted Weaver P.O. Box 119 Maumee, Ohio 43537 (800) 537-3370 FAX (419) 891-6539 Plant Rt. 25 & 218 County Road Delphi, Indiana 46923	Grit-o'cobs 1014	8/31/01
Barnes Environmental International, Inc. Bob Hunt 407 Parkside Dr. E Waterdown, Ontario L0R 2H0 (905) 689-6661 · FAX (905) 689-0485 Plant 407 Parkside Dr. Waterdown, Ontario Canada	Barshot 20 Barshot 30 Barshot 50 EG12 Ebony Grit 12 EG14 Ebony Grit 14 EG20 Ebony Grit 20	8/31/01 8/31/01 8/31/01 8/31/01 8/31/01 8/31/01
Bell & MacKenzie Co., Ltd. Richard Bell Post Office Box 844, LCD#1 Hamilton, Ontario L8N 3N9 Canada (905) 527-6000 FAX (905) 527-6660 Plant 500 Sherman Ave. N. Hamilton, Ontario	Nickel Slag Black Magic #12 Nickel Slag Black Magic #20	12/31/00 12/31/00

Company	Brand name or Grade	Expires
Black Diamond, Incorporated Albie Kraemer 499 Cottage Grove Drive Woodbury, MN 55129 (651) 436-6071 FAX (651)436-6744 Plant 499 Cottage Grove Dr., Woodbury, MN	Abrasives Technologies, Inc.	12/31/00
CAE Alpheus Inc. Thomas P. Fahey 9119 Milliken Ave. Rancho Cucamonga, CA 91730 (909) 481-6444 FAX (909) 980-5696 Plant 9119 Milliken Avenue Rancho Cucamonga, CA 91730	Alpheus CO_2 Cleanblast	12/31/00
Chemical Lime Company of Arizona Daniel T. Rupinski P.O. Box 1938 Salinas, CA 93902 (800) 369-8989 FAX (831) 443-5599 Plant 11771 Old Stage Road Salinas, CA	#12 Dolosand	8/31/01
Cold Jet, Incorporated Ben Shepard 1237 Archer Street San Diego, California 92109 (619) 539-6988 FAX (619) 539-6988 Plant Produced at blasting site	CO2 Dry Ice Pellets	8/31/01

Company	Brand name or Grade	Expires
Cominco American, Incorporated, Ruby Garnet Operation Keith Persons P.O. Box 137 Alder, MT 59710 (406) 842-5006 FAX (406) 842-5951 Plant 2200 Hwy 287, Alder, MT	Ruby Garnet R-8/12 Ruby Garnet R-16 Ruby Garnet R-25 Ruby Garnet R-30/40 Ruby Garnet R-36 Ruby Garnet R-50 Ruby Garnet R-60	8/31/01 8/31/01 8/31/01 8/31/01 8/31/01 8/31/01 8/31/01
Eurogrit BV Jan Lagrand P.O. Box 1013 3430 BA Neiuwegein The Netherlands +31-30-6062434 FAX +31-30-6063262 Plant Kilkade 30 3316 BC Dordrecht The Netherlands	Eurogrit 10/40 Eurogrit 12/40 Eurogrit 20/40	8/31/01 8/31/01 8/31/01
Foster-Dixiana Corporation Roy Brink P.O. Box 2005 Columbia, SC 29202 (803) 791-3129 FAX (803) 794-0072 Plant Hardeeville Industrial Park Highway 17 Hardeeville, SC 29927	Black Diamond	12/31/00

Company	Brand name or Grade	Expires
GMA Garnet Pty Ltd. Robert J. Wicks P.O. Box 644 Nedlands, WA 6009 Australia (09) 386 8618 FAX(09) 389 8547	GMA 30x60 (cpff=#140)	12/31/00
	ROM 30x60 (cpff=140)	12/31/00
	GMA 80 Mesh (cpff=200)	12/31/00
	GMA 80SB (cpff=200)	12/31/00

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

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

Plant 4 mi. W. of Guadalupe, CA on W. Main St.	Golden Flint G-30#	12/31/00
	Golden Flint G-16#	12/31/00
	Golden Flint G-20#	12/31/00
Plant 2201 S. Santa Fe Ave. Compton, CA	Sharp Shot F2050/Blastox Blend (cpff=#140)	8/31/01

Distributors
USF Surface Preparation
Richard S. Brumley
18416 S. Santa Fe Ave.
Rancho Dominguez, CA 90221
(310) 637-3427 FAX (310) 637-1198

Company	Brand name or Grade	Expires
Kleen Blast Division - CanAm Minerals Tim Spurgeon 2600 Old Crow Canyon Road, Suite 200 San Ramon, California 94583 (925) 831-9800 FAX (925) 831-9183		
Plant 30028 Industrial Parkway SW Hayward, CA	Kleen Blast #30-60/15% Blastox Kleen Blast #16-30/15% Blastox Kleen Blast #35/15% Blastox	8/31/01 8/31/01 8/31/01
Plant Pacific Abrasives & Supply, Inc. 2465 Carson Road Grand Forks, BC Canada	Kleen Blast #8/12 Kleen Blast #16 Kleen Blast #16/30 Kleen Blast #35 Kleen Blast #30/60	12/31/00 12/31/00 12/31/00 12/31/00 12/31/00

Distributors for above products:

Kleen Blast Abrasives (Northern California)
Don Stephenson
30028 Industrial Parkway
Hayward, CA 94544
(925) 471-2100 FAX (925) 471-2447

Kleen Blast Abrasives (Southern California)
Rick Christiansen
93 8th Ave.
San Diego, CA 92101
(619) 239-1092 FAX (619) 239-1096

Kleen Blast Abrasives (Oregon)
Craig Pritchard
3650 N. W. Yeon Ave.
Portland, OR 97210
(503) 228-3965 FAX (503) 228-6807

Kleen Blast Abrasives (Washington)
Dave Ketrenos
1448 St Paul Ave.
Tacoma, WA 98421
(253) 383-2168 FAX (253) 383-2267

Prime Equipment Company
R. Al Williams
2177 Jerrold Avenue
San Francisco, CA 94124
(415) 282-7290 FAX (415) 920-0520

USF Surface Preparation
Richard S. Brumley
18416 S. Santa Fe Avenue
Rancho Dominguez, CA 90221
(310) 637-3427 FAX (310) 637-1198

Marco Group International, Inc William Marthens II 1044 S. Dittmer St. Davenport, IA 52802 (319) 324-2519 FAX (319) 324-8504	Black Lightning 16/30 Black Lightning 8/20 Black Lightning 30/60	12/31/00 12/31/00 8/31/01
Plant Nevada Slag, Inc. Hwy. 93, Kennecott Slag Plant, McGill, NV		

Company	Brand name or Grade	Expires
MBI International Douglas B. Rivers 3900 Collins Road Lansing, Michigan 48910 (517) 336-4617 FAX (517) 337-2122 Plant Food Protein Research & Development Center Cater – Mattil Hall Texas A & M University System College Station, TX	BioAbrasive Cherry Pits (20-30 Mesh)	8/31/01 8/31/01
Minerals Research and Recovery, Inc. Stephen F. Mehlman 4620 S. Coach Drive Tucson, AZ 85714 (520) 748-9362 FAX (520) 748-9364		
Plant Hwy. 85, Ajo, AZ	Sharpshot 12x30 Sharpshot 30x60 (cpff=#270)	12/31/00 12/31/00
Plant Across from Phelps – Dodge Copper Mine Hwy. 85, South of Ajo, AZ	Sharpshot 20x50	8/31/01
Mt. Pulaski Products, Inc. Pete Marsh Post Office Box 110 Mt. Pulaski, Illinois 62548 (217) 792-3211 FAX (217) 792-5040 Plant 908 N. Vine, Mt. Pulaski, IL	Mt. Pulaski Products, Inc. #3 (20/40)	8/31/01
Mt. Pulaski Products, Inc. Certifing Party Energized Substation Maintenance, Inc. Ronald R. Goss Post Office Box 2345 Apple Valley, CA 92307 (760) 247-2365 FAX (760) 247-2915 Plant 904 N. Vine, Mt. Pulaski, IL	14/20 Processed Corn Cobs #2 (14/20) Processed Corn Cobs	8/31/01 8/31/01

Company	Brand name or Grade	Expires
Nevada Slag, Inc. Paul Sonerholm P.O. Box 1314 McGill, NV 89318 (702) 235-7500 FAX (702) 235-7962 Plant 55 North 4th Street, McGill, NV	Nevada Black 8/20 Nevada Black 16/30 Nevada Black 30/60 (cpff=#140)	12/31/00 12/31/00 8/31/01
Pontchartrain Materials Corporation Arthur Geary P.O. Box 8005 New Orleans, LA 70182 (504) 949-7571 FAX (504) 944-3338 Plant 3819 France Road New Orleans, LA	PMC 2.0 Medium	8/31/01
RDM Multi-Enterprises, Inc. Dominic DiFrancesco 105 North Silver Street Anaconda, MT 59711 (406) 563-3433 FAX (406) 563-3435 Plant 1/2 mi. east of Anaconda, Montana on Hwy. #1	Best Grit #8/20 Best Grit #16/30 Best Grit #30/60 Best Grit #36 Ferro Blast-73 #8/20 Ferro Blast-73 #16/30	12/31/00 12/31/00 12/31/00 12/31/00 12/31/00 12/31/00

Company	Brand name or Grade	Expires
RMC Pacific Materials Bob Foley 4750 - A Norris Canyon Rd. San Ramon, CA 94583 (925) 866-2780 FAX (925) 866-2983	Lapis Lustre No. 0/30	12/31/00
	Lapis Lustre No. 1C	12/31/00
	Lapis Lustre No. 1/20	12/31/00
	Lapis Lustre No. 2/12	12/31/00
	Lapis Lustre No. 2/16	12/31/00
	Lapis Lustre No. 3	12/31/00

Plant
Lapis Rd.
Marina, CA

Distributors

Gordon Industries
Sales Manager
975 66th Ave.
Oakland, CA 94583
(510) 632-6900 (888) 643-4726 FAX (510) 632-6961

Gordon Sand Company
Sales Manager
2201 S. Santa Fe Ave.
Compton, CA 90221
(323) 774-7930 800-333-7930 FAX (310) 537-2483

Prime Equipment Company
R. Al Williams
2177 Jerrold Avenue
San Francisco, CA 94124
(415) 282-7290 FAX (415) 920-0520

Company	Brand name or Grade	Expires
Reed Minerals, A Division of Harsco Anthony J. Budzinski 5040 Louise Drive, Suite 106 Mechanicsburg, Pennsylvania 17055 (717) 506-7157 FAX (717) 506-7154		
Plant Rt 2 South of Mitchell Generating Station Moundsville, WV 26041	Black Beauty® 1240 Black Beauty® 2040 Black Beauty® 4490	8/31/01 8/31/01 8/31/01
Plant 600-800 Outer Drive LaCygne, KS	Black Beauty 1240 Black Beauty 2040	12/31/00 12/31/00
Plant 9001 State Rte 176 Drakesboro, KY	Black Beauty 1240 Black Beauty 2040	12/31/00 12/31/00
Plant 97 River Road #1 Bow, NH	Black Beauty 1243 Black Beauty 2043	12/31/00 12/31/00
Reed Minerals Certifying Party GenCorp Aerojet Anitra A. Brosseau Post Office Box 13222 Sacramento, CA 95813 (916) 355-2950 FAX (916) 355-6992 Plant Farm Road 1786, at the Alcola site, Rockdale TX	Black Beauty 2049	8/31/01
Silica Resources, Inc. Tom Hale 4553 Hammonton Road Marysville, CA 95901 (530) 741-0290 FAX (530) 741-3457 Plant 4553 Hammonton Road Marysville, CA	SRI Supreme #12 SRI Supreme #16 SRI Supreme #20 SRI Supreme #30	12/31/00 12/31/00 12/31/00 12/31/00

Company	Brand name or Grade	Expires
Specialty Sand Company, Incorporated Margo Villanueva 16601 Garrett Road Houston, Texas 77044 (281)456-9553 (281) 456-9557 Plant 16601 Garrett Road Houston, TX	Abrade Away/Copper Slag (Medium Grade)	8/31/01
Sponge-Jet, Incorporated Bill McLaughlin 95 C Dow Highway Eliot, Maine 03903 (207) 439-0211 FAX (207) 439-7389 Plant Rural Route 6 Montrose, PA	Sponge-Jet #16 Silver Sponge-Jet #30 Silver	8/31/01 8/31/01
Stan Blast Abrasives a division of Fairmount Minerals, Ltd Mike Jerome Sr. 3027 Marina Bay Drive, Suite 309 League City, TX 77573 (800) 783-9993x16 FAX (281) 334-5205 Plant 11000 Baldwin Road Baldwin, IL	Black Magnum	8/31/01

Company	Brand name or Grade	Expires
Strategic Materials, Inc. Tom E. Dudak 5151 San Felipe, Suite 1400 Houston, TX 77056 (713) 881-5069 FAX (713) 881-5010		
Plant 7000 Bandini Commerce, CA	WhiteBlast Eco	8/31/01
Plant 1932 Fairway Dr. San Leandro, CA	WhiteBlast Eco	8/31/01
Plant One Osprey Court Swedesboro, NJ	WhiteBlast Eco	8/31/01
Plant Hwy 146, North Eastern Industrial Park Guilderland Center NY	WhiteBlast Eco	8/31/01
Plant 2323 West 3rd St. Cleveland OH	WhiteBlast Eco	8/31/01
Plant 1035 Thompson Rd., Industrial Park Ashland City, TN	WhiteBlast 20/40 WhiteBlast Eco	8/31/01 8/31/01
Sweetwater Garnet, Inc. John Hill 7725 Montana Highway 915 Dillon, MT 59725 (406) 683-5668 FAX (406) 683-2696	Red Dog Garnet #16 Red Dog Garnet #36 Red Dog Garnet #30/40 Red Dog Garnet #30/60 Red Dog Garnet #50	8/31/01 8/31/01 8/31/01 8/31/01 8/31/01
Plant 7725 Montana Highway 91 S. Dillon, MT		
TriVitro Corporation Donald H. Freas 18250 – 68th Avenue South Kent, WA 98032 (425) 251-8340 FAX (425) 251-8301	Vitrogrit VG #16 Vitrogrit VG #16/30 Vitrogrit VG #30/50	8/31/01 8/31/01 8/31/01
Plant 18250 – 68th Avenue South Kent WA		

Company	Brand name or Grade	Expires
Universal Ground Cullet, Inc. Robert F. VanBuskirk 6407 Wolf Road Brook Park, OH 44142 (216) 267-8057 FAX (216) 267-8067	UGC Abrasive 10x30 UGC Abrasive 20x40 UGC Abrasive 30x60	12/31/00 12/31/00 12/31/00
Plant 400 W. Cedar St. Gibsonburg, OH		
Universal Ice Blast, Incorporated Michael Neil 1801 130th Ave. NE Bellevue, WA 98005 (425) 883-1470 FAX (425) 881-6843	Universal Ice Blast, Inc.	8/31/01
Plant Produced at blasting site		
Virginia Materials & Supplies, Inc. John W. Burns 3306 Peterson Street Norfolk, VA 23509-2415 (757) 855-0155 FAX (757) 857-5631		
Plant 3306 Peterson St. Norfolk, VA	Black Blast Black Blast with Blastox Crystalgrit Glassgrit	12/31/00 8/31/01 8/31/01 8/31/01
Plant 5360 Bainbridge Blvd. Chesapeake, VA	Black Blast	12/31/00

Company	Brand name or Grade	Expires
Western Garnet International, Ltd. Greg Emerson 101 Ironwood Drive, #210 Coeur d'Alene, ID 83814 (208) 666-6000 FAX (208) 666-4000		
Plant 4 mi S of Fernwood, Hwy 3, Emerald Creek Rd. 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 State Bank Colony Tuticorin, India	Transworld Garnet Bengal Bay Garnet 12/40	8/31/01
	Transworld Garnet Bengal Bay Garnet 20/40	8/31/01