State of California
Air Resources Board

EXECUTIVE ORDER G-01-044

Relating to Certification of Abrasives for Permissible Outdoor Blasting under Section 92530, Title 17, California Code of Regulations

WHEREAS, Health and Safety Code Sections 41901 through 41904 authorize 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 ARB 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IT IS FURTHER ORDERED that Executive Order G-00-066 is superseded by this order.

Executed at Sacramento, California this 31st day of August 2001.

James J. Morgester, Chief
Compliance Division

Exhibit A

EXECUTIVE ORDER G-01-044

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 Black Magic 16-40	8/31/02 8/31/02
Barton Mines Company, L.L. C. R. Joseph Ahrberg 1557 State Route 9 Lake George, New York 12845 (518) 798-5462 FAX (518) 798-5728 Plant 17-C Keeraikaranthattu Tisaiyanvilai – 627 657 Tamil Nadu, India	Barton Garnet #16 Barton Garnet #36 Barton Garnet #30x40	8/31/03 8/31/03 8/31/03

Distributors for above products:

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

Mission Abrasive
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

Temple Associates
Linda Tinkham
11311 Trade Center Drive #115
Rancho Cordova, CA 95742
(916) 635-4337 FAX (916) 635-3475

Company	Brand name or Grade	Expires
Beach Minerals Company 132, Tiruchendur Road Kuttam – 627 651 Tamilnadu – India 91 4637 79260 FAX 91 4637 79230		
Plant Keeraikaranthattu Tisaiyanvilai – 627 657 Nellai District Tamilnadu, India	Beach Minerals Garnet 20x40* Beach Minerals Garnet 30x60*	8/31/02 8/31/02

Distributors for above products:

Gordon Industries
George E. Gordon III
975 66th Ave.
Oakland, CA 94583
(510) 632-6900 (800) 333-7930 FAX (310) 537-2483

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

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

BEI Pecal Peter Graham 407 Parkside Dr. E Waterdown, Ontario L0R 2H0 (905) 689-6661 FAX (905) 689-0485		
Plant 3 Elaine Street New Orleans, LA	Galaxy Plus Garnet 20x40 GW20-48+	8/31/03 8/31/03
Plant 407 Parkside Dr. Waterdown, Ontario Canada	Barshot 20 Barshot 30 Barshot 50 BS 20 BS 30 BS 50 Ebony Grit 12 Ebony Grit 14 Ebony Grit 20 EG12 EG14 EG20	8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03 8/31/03

Company	Brand name or Grade	Expires
Bell & MacKenzie Co., Ltd. Richard Bell Post Office Box 844, LCD#1 Hamilton, Ontario L8N 3N9 Canada (888) 794-5665 FAX (888) 794-7263 Plant 500 Sherman Ave. N. Hamilton, Ontario	Black Magic Nickel Slag #12 Black Magic Nickel Slag #20	8/31/02 8/31/02
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.	8/31/02
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	8/31/02
Charter Resources International Peter R. Del Mastro P.O. Box 27740 Las Vegas, NV 89126 (800) 781-9301 FAX (800) 781-9124 Plant 1st St. and D St., Mina, NV	CRI Garnet Blast 8-12 CRI Garnet Blast 12-30 CRI Garnet Blast 30-60	8/31/03 8/31/03 8/31/03

Company	Brand name or Grade	Expires
Chesapeake Specialty Products, Incorporated Don E. Sanchez 5055 North Point Boulevard Baltimore, Maryland 21219 (410) 388-5055 FAX (410) 388-5194 Plant 5055 North Point Boulevard, Baltimore, Maryland	METgrit METgrain	8/31/03 8/31/03
Cold Jet, Incorporated Ben Shepard 1237 Archer Street San Diego, California 92109 (619) 787-6480 FAX (619) 539-6988 Plant Produced at blasting site	CO2 Dry Ice Pellets	8/31/03
E.I. Du Pont De Nemours & Company, Inc. Phil Pombier P.O. Box 753 Starke, FL 32091 (904) 964-1217 FAX (904) 964-1298 Plant Off SR 230 E, Camp Blanding W Gate Starke, FL	Biasill® (cpff=#270) Starblast® (cpff=#270) Starblast® XL (cpff=#270) Starblast® Ultra (cpff=#200) Coarse Staurolite	8/31/02 8/31/02 8/31/02 8/31/02 8/31/02
Eurogrit BV Jeroen Keswiel P.O. Box 184 3350 AD Papendrecht The Netherlands +31-78-6546770 FAX +31-78-644 94 94 Plant Kilkade 30 3316 BC Dordrecht The Netherlands	Eurogrit 10/40 Eurogrit 12/40 Eurogrit 20/40	8/31/03 8/31/03 8/31/03

Company	Brand name or Grade	Expires
GMA Garnet Pty Ltd. Robert Brand P.O. Box 644 Nedlands, WA 6009 Australia (09) 386 8618 FAX(09) 389 8547	GMA 30x60 (cpff=#140) GMA 80 Mesh (cpff=#140) GMA 80SB (cpff=#140) ROM 30x60 (cpff=#140)	8/31/02 8/31/02 8/31/02 8/31/02

Plant
Lot #24, Goulds Road, Narngulu, Geraldon, WA, Austrailia

Distributors for above products:

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

Mission Abrasive
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

Temple Associates
Linda Tinkham
11311 Trade Center Drive #115
Rancho Cordova, CA 95742
(916) 635-4337 FAX (916) 635-3475

Gordon Sand Company
Clint LeGrant
P.O. Box 5549
Compton, CA 90224
(323) 774-7930 (800) 333-7930 FAX (310) 537-2483

Plant 4 mi. W. of Guadalupe, CA on W. Main St.	Golden Flint G-16# Golden Flint G-20# Golden Flint G-30#	8/31/02 8/31/02 8/31/02

Distributors
Gordon Industries
George E. Gordon III
(510) 632-6900 (800) 333-7930 FAX (310) 537-2483

Green Diamond Sand Products Cheri. Shivers P.O. Box D Riddle, OR 97469 (541) 874-3111 FAX (541) 874-3113	Green Diamond 1636 Green Diamond 2050	8/31/02 8/31/02

Plant
Corner of 6th & E St., Riddle, OR

Company	Brand name or Grade	Expires
International Garnet John W. Burns 3306 Peterson Street Norfolk, VA 23509 (757) 855-5229 FAX (757) 857-5631	International Garnet	8/31/03
Plant 56 Industrial Park Road, Keeseville, NY		

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 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	8/31/02 8/31/02 8/31/02 8/31/02 8/31/02
Plant 30028 Industrial Parkway SW Hayward, CA	Kleen Blast #30-60/15% Blastox Kleen Blast #16-30/15% Blastox Kleen Blast #35/15% Blastox	8/31/03 8/31/03 8/31/03
Plant 93 - 8th Ave., San Diego, CA	Kleen Blast #16-30/15% Blastox	8/31/03

Distributors for above products:

Gordon Sand Company
Clint LeGrant
2201 So. Santa Fe Ave.
Compton, CA 90221
(323) 774-7930 FAX (310) 537-2483

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)
Matthew Halloran
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

Company	Brand name or Grade	Expires
Marco Group International, Inc 1044 S. Dittmer St. Davenport, IA 52802	Black Lightning 16/30 Black Lightning 8/20	8/31/02 8/31/02
Plant Nevada Slag, Inc. 55 North 4th Street, McGill, NV		
Minerals Research & Recovery, Inc. Stephen F. Mehlman 4620 S. Coach Drive Tucson, AZ 85714 (520) 748-9362 FAX (520) 748-9364		
Plant 1/8 mi from fire station North side of Hwy. 85, South of Ajo, AZ	Sharpshot 12x30 Sharpshot 30x60 (cpff=#140) Sharpshot 16x40 Sharpshot 20x50	8/31/02 8/31/02 8/31/03 8/31/03
Nevada Slag, Inc. Paul Sonerholm P.O. Box 1314 McGill, NV 89318 (775) 235-7500 FAX (775) 235-7962		
Plant 55 North 4th Street, McGill, NV	Nevada Black 8/20 Nevada Black 16/30	8/31/02 8/31/02
Oglebay Norton Industrial Sands, Inc. Bill DiGiacomo Post Office Box 2320 Fernley, Nevada 89408 (775) 423-6747 FAX (775) 423-6725	Nevada Black Natural Grit 8/20 Nevada Black Natural Grit 16/30	8/31/02 8/31/02
Plant Exit 48 off I-80, Duffy (Frontage) Road, Fernley NV,		

Company	Brand name or Grade	Expires
Oglebay Norton Industrial Sands, Inc. Michael S. Miclette P.O. Box 249 San Juan Capistrano, CA 92693 (949) 728-0171 FAX (949) 728-0321 Plant 31302 Ortega Hwy. San Juan Capistrano, CA	Dust Net #12 Dust Net #16 Dust Net #20 Dust Net #30	8/31/02 8/31/02 8/31/02 8/31/02
Oglebay Norton Minerals, Inc. Fred Licon P. O. Box 12642 El Paso, TX 79912 (915) 532-1611 FAX (915) 544-7011 Plant 34 San Marcos Dr. El Paso, TX	Rapid Blast 16-50 Rapid Blast 20-50	8/31/02 8/31/02
P.W. Gillibrand Co., Inc. Bennie A. Theising 5131 Tapo Canyon Road Simi Valley, CA 93063 (805) 526-2195 FAX (805) 522-4031 Plant 5810 Bennett Road Simi Valley, CA	Silver Sand #12 Silver Sand #16 Silver Sand #20 Silver Sand #30	8/31/02 8/31/02 8/31/02 8/31/02
Pittsburgh Abrasives & Minerals Company 230 Old Haymaker Road Monroeville, PA 15146 (412) 372-5150 FAX (412) 372-3106 Plant Universal Abrasives & Minerals (Pvt.) Ltd. No. A-83 Second Street SIPCOT Industrial Area Tuticorin, 628008 Tamilnadu, India	Panther-Garnet Star-Garnet	8/31/02 8/31/02

Company	Brand name or Grade	Expires
Poly - Pacific International, Incorporated Jerry Hurley 8918 – 18 Street Edmonton, Alberta T6P 1K6 Canada (780) 467-3612 FAX (780) 464-1852 Plant 8918 – 18 Street Edmonton, Alberta, Canada	MultiCut™ Plastic Abrasive Media Type II Urea MultiCut™ Plastic Abrasive Media Type V Acrylic	8/31/02 8/31/02
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 #36 Ferro Blast-73 #8/20 Ferro Blast-73 #16/30	8/31/02 8/31/02 8/31/02 8/31/02 8/31/02
RMC Pacific Materials Bob Foley 4750 Norris Canyon Rd., Suite A San Ramon, CA 94583 (925) 866-2780 FAX (925) 866-2983 Plant Lapis Rd., ~ 2 mi N. of Marina, CA Distributors Gordon Industries George E. Gordon III (510) 632-6900 (800) 333-7930 FAX (310) 537-2483 Gordon Sand Company Clint LeGrant 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	Lapis Lustre No. 0/30 Lapis Lustre No. 1/C Lapis Lustre No. 1/20 Lapis Lustre No. 2/12 Lapis Lustre No. 2/16 Lapis Lustre No. 3	8/31/02 8/31/02 8/31/02 8/31/02 8/31/02 8/31/02

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 5950 Old 41A Hwy, Tampa, FL	Black Beauty 1240	8/31/02
Plant 600-800 Outer Drive LaCygne, KS	Black Beauty 1240 Black Beauty 2040	8/31/02 8/31/02
Plant 9001 State Rte 176 Drakesboro, KY	Black Beauty 1240 Black Beauty 2040	8/31/02 8/31/02
Plant 97 River Road #1 Bow, NH	Black Beauty 1243 Black Beauty 2043	8/31/02 8/31/02
Plant Rt 2 South of Mitchell Generating Station Moundsville, WV	Black Beauty® 1240 Black Beauty® 2040 Black Beauty® 4490	8/31/03 8/31/03 8/31/03
Sermino S.A. de C.V. Michael C. Millar #2606-23 Hefferman Ave. Calexico, CA 92231 (604) 786-8995 (52) 65 600-389 FAX (52) 65 525-363		
Plant 8 km S of km 7.5 Tijuana-Mexicali Hwy Progresso, B.C. Mexico	Baja Garnet 12/20 Baja Garnet 20/50	8/31/02 8/31/02
Plant Km.38, Hwy 5 El Faro, B.C. Mexico	Red Mountain #36 Red Mountain #50	8/31/03 8/31/03

Company	Brand name or Grade	Expires
Silica Resources, Inc. Nicole Lindbom Post Office Box 167 Loomis, CA 95650 (916) 652-1704 FAX (916) 652-1710 Plant 4553 Hammonton Road Marysville, CA	SRI Supreme #12 SRI Supreme #20 SRI Supreme #30	8/31/02 8/31/02 8/31/02
Sponge-Jet, Incorporated Bill McLaughlin Post Office Box 243 Eliot, Maine 03903 (207) 439-0211 FAX (207) 439-7389 Plant Box 6243, Rural Route 6 Montrose, PA	Sponge-Jet Red Media #G40 Sponge-Jet Silver #16 Sponge-Jet Silver #30 Sponge-Jet Silver #80 Sponge-Jet Silver #320	8/31/03 8/31/03 8/31/03 8/31/03 8/31/03
Stan Blast Abrasives a division of Fairmount Minerals, Ltd Mike Jerome Sr. 3027 Marina Bay Drive, Suite 309 League City, TX 77573 (800) 783-9993 x 16 FAX (281) 334-5205 Plant 400 Dunlap Drive Mobile AL	Black Magnum 12-40 Blast Blast	8/31/02 8/31/02
Plant 5712 Harbor Side Drive Galveston, TX	Black Magnum 12-40	8/31/02

Distributors for above products:

Gordon Industries
George E. Gordon III
975 66th Ave.
Oakland, CA 94583
(510) 632-6900 (800) 333-7930 FAX (310) 537-2483

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

Company	Brand name or Grade	Expires
Strategic Materials, Inc. Tom E. Dudak 15990 North Barkers Landing Road, #150 Houston, TX 77079 (281) 966-5754 FAX (281) 966-5710		
Plant 7000 Bandini Commerce, CA	Strata – Blast 10x30 Strata – Blast 20x40	8/31/03 8/31/03
Plant 1035 Thompson Rd., Industrial Park Ashland City, TN	Strata - Blast 20x40 WhiteBlast 20x40	8/31/03 8/31/03
Tacna Sand & Gravel, L. L. C. Fred Alexander 2554 East 24th Street Yuma, AZ 85365 (520) 341-9401 FAX (520) 344-0037	K-2 Yuma Gold 16x50 K-4 Yuma Gold 8x20	8/31/02 8/31/02
Plant 38E & County 4th, Roll, AZ		
Tiwest Joint Venture John W. Thornett Locked Bag 381, Bentley Delivery Centre Bentley, Western Australia 6983 Australia (08) 9365 1346 FAX (08) 9365 1387	Staurolite	8/31/03
Plant Chandala Dry Separation Plant on the right had side heading north 7 km north of the Muchea townsite Western Australia		
Trans Agg, Incorporated Mr. Robert E. Gerbus Post Office Box 15396 Cincinnati, Ohio 45215 (513) 733-8088 FAX (513) 554-6147		
Plant 3500 E. 4th St. Monroe, MI	Blast Away	8/31/03
Plant 800 AEP Drive Lawrenceburg, IN	Blast Away	8/31/03

Company	Brand name or Grade	Expires
TriVitro Corporation Donald H. Freas 18420 – 68th Avenue South Kent, WA 98032 (425) 251-8340 FAX (425) 251-8301 Plant 18420 – 68th Avenue South, #101 Kent, WA	Vitrogrit VG #16/30 Vitrogrit VG #30/50	8/31/03 8/31/03
Universal Ground Cullet, Inc. Robert F. VanBuskirk 6407 Wolf Road Brook Park, OH 44142 (216) 267-8057 FAX (216) 267-8067 Plant 400 W. Cedar St. Gibsonburg, OH	UGC Abrasive 10x30 UGC Abrasive 20x40 UGC Abrasive 30x60	8/31/02 8/31/02 8/31/02
Universal Ice Blast, Incorporated Michael Neil 533 6th Street South Kirkland, WA 98033 (425) 893-8424 FAX (425) 893-9222 Plant Produced at blasting site	Crystalline Ice Media	8/31/03
Virginia Materials & Supplies, Inc. John W. Burns 3306 Peterson Street Norfolk, VA 23509-2415 (757) 855-0155 FAX (757) 857-5631		
Plant 5360 Bainbridge Blvd. Chesapeake, VA	Black Blast	8/31/02
Plant 3306 Peterson St. Norfolk, VA	Black Blast Crystalgrit	8/31/02 8/31/03

Company	Brand name or Grade	Expires
Western Garnet International, Limited Sankar Narayanan 1836 Northwest Boulevard, #200 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	8/31/03
	Emerald Creek Garnet #16	8/31/03
	Emerald Creek Garnet #25	8/31/03
	Emerald Creek Garnet #30/40	8/31/03
	Emerald Creek Garnet #36	8/31/03
Plant Palayamkottai High Road (Opposite Tuticorin Airport) Tuticorn, India	Bengal Bay Garnet 12/40	8/31/03
	Bengal Bay Garnet 20/40	8/31/03
	Bengal Bay Garnet 20/60	8/31/03
	Bengal Bay Garnet 30/60 WG	8/31/03