

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER G-07-053

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

WHEREAS, Pursuant to Article 4, Chapter 3, Part 4 of Division 26 of the Health and Safety Code the Air Resources Board (ARB) has adopted abrasive blasting standards;

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

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

WHEREAS, Exhibit A to this Executive Order lists abrasives that 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 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, Exhibit A may be amended from time to time to remove abrasives no longer certified for use and to add new abrasives that have been tested and found to comply with the abrasive certification performance standards set forth in title 17, California Code of Regulations, section 92530 (b); and

WHEREAS, ARB's Executive Officer pursuant to Health and Safety Code, section 39516, issued Executive Order G-02-007 delegating to the Chief of the ARB Monitoring and Laboratory Division the authority to certify abrasives in accordance with title 17, California Code of Regulations, section 92530(a).

NOW, THEREFORE, I, William V. Loscutt, Chief of ARB's Monitoring and Laboratory 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 subsequent addendums, 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-07-003 is superseded by this order.

Executed at Sacramento, California this 18th day of October 2007.

Original signed by

William V. Loscutoff, Chief
Monitoring and Laboratory Division

Attachment

Exhibit A: Abrasives Certified for Permissible Dry Outdoor Blasting

Exhibit A

EXECUTIVE ORDER G-07-053

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.

Abrasives Incorporated

4090 Highway 49
Glen Ullin, North Dakota 58631

www.abrasivesinc.com

Larry R. Roth
(701) 348-3610
Fax: (701) 348-3615
Email: marketing@abrasivesinc.com

Plant: 4090 Highway 49
Glen Ullin, North Dakota 58631

Brand Name or Grade:

Black Magic 8-20
Black Magic 16-40
Black Magic 20-40
Black Magic 40-60
(cpff=#100)

Expires:

8/31/08
8/31/08
8/31/08
8/31/08

Barton Mines Company, L.L.C.

1557 State Route 9
Lake George, New York 12845

www.barton.com

John H. Swertner
(518) 798-5462, Ext 215
Fax: (518) 798-5728
Email: jhswertner@barton.com

Plant: 17-C Keeraikaranthattu
Tisiayanvilai, Tamil Nadu,
India

Brand Name or Grade:

Barton Garnet #36
Barton Garnet #16
Barton Garnet #30x40

Expires:

8/31/08
8/31/08
8/31/08

Plant: South Gould Road
South of Geraldton
Western Australia

Brand Name or Grade:

GMA 30x60 Garnet
(cpff=#200)
GMA 80 Mesh Garnet
(cpff=#140)

Expires:

8/31/08
8/31/08

BCJ Sand & Rock, Inc.

5510 Skylane Blvd., Suite 202
Santa Rosa, California 95403

www.bcjunlimited.com

Brad Slender
(707) 249-6200
Fax: (707) 544-0112
Email: bcj_brad@pacbell.net

Plant: 4970 Slickens Road
Oroville, California 95965

Brand Name or Grade:
BCJ #30

Expires:
8/31/08

Other Identical Products to be listed as Certified

BCJ Unlimited – Sand Blasting Sand / Blasting Sand
#30 Blasting Sand
Blasting Sand
30x50 Blasting Sand
20x30 Blasting Sand
Premium Blasting Sand

Bell & MacKenzie Company, Ltd.

Post Office Box 844, LCD #1
Hamilton, Ontario L8N 3N9
Canada

Richard Bell
(888) 794-5665
Fax: (888) 794-7263
Email: bellandmackenzie@aol.com

Plant: 500 Sherman Avenue, North
Hamilton, Ontario
Canada

Brand Name or Grade:
Black Shot Granulated Slag #12
Black Shot Granulated Slag #20

Expires:
8/31/09
8/31/09

**BLACK DIAMOND GRANULES,
INCORPORATED**

499 Cottage Grove Drive
Woodbury, Minnesota 55125

www.ati-blackdiamond.com/index.html

Janet L. Keyes, CIH
(651) 458-4930
Fax: (651) 415-2886
Email: jkeyes@chess-safety.com

Plant : 499 Cottage Grove Drive
Woodbury, Minnesota 55125

Brand Name or Grade:
Black Diamond Grit Blasting Abrasive

Expires:
8/31/09

California Silica Products LLC

P.O. Box 4225
Ontario, California 91761

Randall Humphreys
(909) 938-6505
Fax: (909) 947-7929
Email: loveferraris@aol.com

Plant : 12808 Rancho Road
Adelanto, California 92301

Brand Name or Grade:
Cal-Silica Grade 16
Cal-Silica Grade 20
Cal-Silica Grade 30

Expires:
8/31/09
8/31/09
8/31/09

Cemex USA

4750 Norris Canyon Road, Suite A
San Ramon, CA 94583

Bob Foley
(925) 866-2780
Fax: (925) 866-2983
Email: bfoley@rmcpmi.com

Plant: Lapis Road
Two miles north of Marina
San Ramon, CA

Brand Name or Grade:

Lapis Lustre, No. 3
Lapis Lustre, No. 1/20
Lapis Lustre, No. 1C
Lapis Lustre, No. 2/12
Lapis Lustre, No. 2/16
Lapis Lustre, No. 0/30

Expires:

8/31/08
8/31/08
8/31/08
8/31/08
8/31/08
8/31/08

Distributors for above products:

Blasting Materials & Equipment
8538 Tiogawoods Drive
Sacramento, CA 95828
Contact: Klay Stubbs

CanAm Minerals, Inc.
2600 Old Crow Canyon Road, Suite 200
San Ramon, CA 94583
Contact: Tim Spurgeon

Gordon Industries
Sales Manager
28310 Industrial Blvd, Suite F
Hayward, CA 94587
(510) 782-5640 FAX (510) 782-5694

Quikrete of Northern California
Greg Robinson
6950 Stevenson Blvd
Fremont, CA 94538
(510) -490-4670 FAX (510) 4902965

Eco-Shell Incorporated

5230 Grange Road
Corning, California 96021

www.ecoshell.com

Helen Cantrell
(530) 824-8794
Fax: (530) 824-8798
Email: helen@ecoshell.com

Plant: 5230 Grange Road
Corning, California 96021

Brand Name or Grade:

Eco-Shell Walnut Shell #812
Eco-Shell Walnut Shell #1220
Eco-Shell Walnut Shell #1840

Expires:

8/31/08
8/31/08
8/31/08

Energized Substation Maintenance Incorporated

Post Office Box 2345
Apple Valley, California 92307

www.esminc.info

Ronald R. Goss
(800) 959-5589
Fax: (760) 247-2915
Email: esm1@aol.com

Plant: Mt. Pulaski Products
908 North Vine
Mt Pulaski , Illinois 62548

Brand Name or Grade:
#3 (20/40) Processed Corn Cobs

Expires:
8/31/08

Other Identical Products to be listed as Certified

Mt. Pulaski Products #3 Processed Corn Cobs
Mt. Pulaski Products (20/40) Processed Corn Cobs

Environmental Abrasives, LLC

4301 Federal Way
Boise, Idaho 83716

www.enviroabrasives.com

Todd Cantrell
(208) 947-1351
Fax: (208) 336-5706
Email: todd@enviroabrasives.com

Plant: 505 East Amity
Boise, Idaho 83716

Brand Name or Grade:
16 Grit White Lightning
24 Grit White Lightning
36 Grit White Lightning
46 Grit White Lightning

Expires:
8/31/08
8/31/08
8/31/08
8/31/08

Other Identical Products to be listed as Certified

16 Grit Environmental Abrasive
24 Grit Environmental Abrasive
36 Grit Environmental Abrasive
46 Grit Environmental Abrasive

Gordon Sand Company
28310 Industrial Boulevard, Suite F
Hayward, CA 94545

George E. Gordon III
(510) 782-5640
Fax: (510) 782-5694
Email: georgell@gordonsand.com
Chari P. Borja
Email: chari@gordonsand.com

Plant: West End of Main Street
Guadalupe, CA 93434

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Golden Flint G-16*	8/31/09
Golden Flint G-20*	8/31/09
Golden Flint G-30*	8/31/09

Arden Incorporated DBA:
Green Diamond Sands Products

Post Office Box D
Riddle, Oregon 97469

Cheri Shivers
(541) 874-3111, ext. 11
Fax: (541) 874-3113
Email: cshivers@greendiamondsand.com

Plant: Corner of 6th and E Street
Riddle, Oregon 97469

Brand Name or Grade:
Green Diamond 1636
Green Diamond 2050
Green Diamond 3060HP

Expires:
8/31/08
8/31/08
8/31/08

Distributors for above products:

Blasting Materials & Equipment Co.
Gary Stubbs
8438 Tiogawoods Dr.
Sacramento, CA 95828
(916) 681-5450

Polyrock Equipment Co., Inc.
Craig Polley
4763 Murrieta St.
Chino, CA 91708
(909) 591-4885

MS Abrasive Cleaning Equipment
Mike Smith
3910 Prospect Ave.
Yorba Linda, CA 92886
(714) 528-8893

Porter Warner Industries
Armando Fernandez
8707 San Leandro St
Oakland, CA 94621
(510) 633-2133 FAX (510) 633-0285

MID-CAL MATERIALS, Inc.
Roy T. Carroll
1541 East Brundage Lane
Bakersfield, CA 93307
(661) 324-5799 FAX (661) 324-1196

International Materials & Supplies Inc.

56 Industrial Park Road
Keeseville, NY 12944

www.optaminerals.com

Martin Caouette
(800) 252-9288
Fax: (800) 728-9649
Email: mcaouette@optaminerals.com

Plant: 56 Industrial Park Road
Keeseville, NY

Brand Name or Grade:

International Garnet #16
International Garnet #36

Expires:

8/31/09
8/31/09

Kleen Blast Division –

CanAm Minerals

2600 Old Crow Canyon Rd, Suite 200
San Ramon, California 94583

www.kleenblast.com

Ryan Mock
(925) 831-9800
Fax: (925) 831-9183
Email: ryan@kleenblast.com

Plant: Pacific Abrasives & Supply, Incorporated
West Carson Road
Grand Forks, British Columbia
Canada

Brand Name or Grade:

Kleen Blast #16/30
Kleen Blast #35
Kleen Blast #30/60
Kleen Blast #8/12

Expires:

8/31/08
8/31/08
8/31/08
8/31/08

Plant: 2005 Duffy Road
Fernley, Nevada 89408

Brand Name or Grade:

Black Mountain Natural Grit - Coarse

Expires:

8/31/09

Les Sables Olimag, Inc.

163 Pile XI, (P. O. Box 276)
Thetford Mines, Quebec G6G 5T1
Canada

www.olimag.com

Claude Gosselin
(418) 338-3562
Fax: (418) 338-9100
Email:
claudegosselin@gosselinexpress.com

Plant: 725 Caouette West
Thetford Mines, Quebec
Canada G6G 5T1

Brand Name or Grade:
Jetmag 30-60

Expires:
8/31/08

**Minerals Research & Recovery,
Incorporated**

4620 South Coach Drive
Tucson, Arizona 85714

www.mrrinc.com

Michael D. Vick
(520) 748-9362
Fax: (520) 748-9364
Email: mikev@mrrinc.com

Plant: 1/8 mile from Fire Station,
North Side of Highway 85,
South of Ajo, Arizona

Brand Name or Grade:
Sharpshot 12x30
Sharpshot 20x50
Sharpshot 30x60

Expires:
8/31/08
8/31/08
8/31/08

Mohawk Garnet Incorporated

808 Highway 17 East
Wahnapitae, Ontario, P0M 3C0
Canada

www.mohawkgarnet.com

Denise Riou
(705) 694-5783
Fax: (705) 694-5575
Email: driou@mohawkgarnet.com

Plant: Street Township (unorganized township)
Off Kukagami Lake Road
City of Greater Sudbury, Ontario

Brand Name or Grade:

Mohawk Garnet XB16
Mohawk Garnet XB30
Mohawk Garnet XW50

Expires:

8/31/08
8/31/08
8/31/08

Nevada Slag, Inc.

P.O. Box 1314
McGill, Nevada 89318

Meloney Roberts
(775) 235-7500
Fax: (775) 235-7119
Email: sonrholm@mwpower.net

Plant: 55 North 4th Street
McGill, NV

Brand Name or Grade:

Nevada Black 8/20
Nevada Black 16/30
Nevada Black 30/60

Expires:

8/31/09
8/31/09
8/31/09

New Age Fastening Systems, Incorporated

2 Enterprise Court
Sewell, New Jersey 08080

www.newageblastmedia.com

Kim A. Wynns
(856) 218-8301
Fax: (856) 218-8306
Email: steve@newagestuwelding.com

Plant: 2 Enterprise Court
Sewell, New Jersey 08080

Brand Name or Grade:

-10, +30 Mesh
-40, +70 Mesh

Expires:

8/31/08
8/31/08

Oglebay Norton Industrial Sands

Post Office Box 249
San Juan Capistrano, California 92693

Patricia L. Smith
(949) 728-0171, ext. 329
Fax: (949) 728-0321
Email: psmith@oglebay.onco.com

Plant: 31302 Ortega Highway
San Juan Capistrano, California 92693

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Dust Net #12	8/31/08
Dust Net #16	8/31/08
Dust Net #20	8/31/08

Opta Minerals Baltimore

c/o Virginia Materials Incorporated
3306 Peterson Street
Norfolk, Virginia 23509

www.optaminerals.com
Gary Duschl
(757) 855-0155
Fax: (757) 857-5631
Email: gduschl@optaminerals.com

Plant : 715 Hardeeville Industrial Park Road
Hardeeville, South Carolina 29927

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Black Blast	8/31/09

Plant : 4500 Fayette Street
Baltimore, Maryland 21224

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Black Blast	8/31/09
Ultra Blast	8/31/09

Opta Minerals a SunOpta Company

407 Parkside Drive
Watertown, Ontario Canada L0R 2H0

www.optaminerals.com

John Papaioannou
(905) 689-6661, ext. 335
Fax: (905) 689-0485
Email:
jpapaioannou@optaminerals.com

Plant: 407 Parkside Drive
Watertown, Ontario Canada L0R 2H0

Brand Name or Grade:

Ebony Grit 14
Ebony Grit 14 Special
Barshot 30
Black Blast 12-40
Power Blast 20-40

Expires:

8/31/08
8/31/08
8/31/08
8/31/08
8/31/08

Other Identical Products to be listed as Certified

Barshot 30 is also sold as Crystal Grit

P.W. Gillibrand Company**Incorporated**

P.O. Box 1019
Simi Valley, California 93062-1019

Jim Dean
Bennie A. Theising
(805) 520-8731
(800) 760-4083
Fax: (805) 520-0968
Email: jdean@pwgcoinc.com

Plant: 5810 Bennett Road
End of Bennett Road, one mile
beyond Tapo Canyon Road
Simi Valley, California 93062

Brand Name or Grade:

Silver Sand #12
Silver Sand #16
Silver Sand #20
Silver Sand #30

Expires:

8/31/08
8/31/08
8/31/08
8/31/08

Precision Industrial Supply, LLC

Post Office Box 2834
Hayden, Idaho 83835

www.precisionindustrialsupply.com

Lindsay Gorrill
Mobile: 208-755-6989
Office: 208-762-3536
Fax: 208-762-7635
Email: leg333@adelphia.net

Plant: 32-2, Halls Road, Edgemore
Chennel – 600 008, India

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Durajet #12/24	8/31/08
Durajet #20/40	8/31/08
Durajet #20/60 (cpff=#100)	8/31/08
Durajet #30/60 (cpff=#100)	8/31/08
Durajet #80 (cpff=#140)	8/31/08

Other Identical Products to be listed as Certified:

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Durablast #12/24	8/31/08
Durablast #20/40	8/31/08
Durablast #20/60 (cpff=#100)	8/31/08
Durablast #30/60 (cpff=#100)	8/31/08
Durablast #80 (cpff=#140)	8/31/08

<u>Brand Name or Grade:</u>	<u>Expires:</u>
Beach Mineral Company #12/24	8/31/08
Beach Mineral Company #20/40	8/31/08
Beach Mineral Company #20/60 (cpff=#100)	8/31/08
Beach Mineral Company #30/60 (cpff=#100)	8/31/08
Beach Mineral Company #80 (cpff=#140)	8/31/08

Reed Minerals – Harsco Corporation

5040 Louise Drive, Suite 106
Mechanicsburg, Pennsylvania 17055

Anthony J. Budzinski
(717) 506-7157
Fax: (717) 506-7154
Email: bbudzinski@reedmin.com

Plant: 600 - 800 Outer Drive
LaCygne, Kansas 66040

Brand Name or Grade:
Black Beauty ®, Medium

Expires:
8/31/08

Plant: 9001 State Route 176 East
Drakesboro, Kentucky 42337

Brand Name or Grade:
Black Beauty ®, Medium

Expires:
8/31/08

Plant: 5950 Old 41A Highway
Tampa, Florida 33619

Brand Name or Grade:
Black Beauty ®, Medium
Black Beauty ®, Fine

Expires:
8/31/08
8/31/08

Plant: Rt 2 South of Mitchell Generating Station
Moundsville, West Virginia 26041

Brand Name or Grade:
Black Beauty - Medium
Black Beauty - Fine

Expires:
8/31/09
8/31/09

S2K Garnet Abrasives, Incorporated

12234 Florence Avenue
Santa Fe Springs, California 90670

www.syntexgarnet.com

Praem Singam
(562) 777-9698
Fax: (562) 777-9613
Email: psingam@syntexgarnet.com

Plant: Number 1, ML Theri Road
Keeraikaranthattu, Tisaiyanvilai – 627 657
Tirulnevi District, Tamil Nadu, India

Brand Name or Grade:

Red River #20/30
Red River #30/40
Red River #30/60

Expires:

8/31/08
8/31/08
8/31/08

Plant: Col. Mariana Frac C, GPE
Victory, BC, Mexico

Brand Name or Grade:

16 Blast Garnet
20/30 Blast Garnet
36 Blast Garnet

Expires:

8/31/09
8/31/09
8/31/09

Servicios Mineros del Noroeste
S.A. de C.V.

Justo Sierra 1101-A
Frac Los Pinos
Mexicali, B.C., Mexico 21230

Robert Mark Anthony
011 52 686 548 7654
rma06@hotmail.com

Plant: Col Mariana Frac C
GPE Victoria, BC, Mexico

Brand Name or Grade:

Almandite Garnet 14-30
Almandite Garnet 30-60

Expires:

8/31/08
8/31/08

Silica Resources Incorporated

Post Office Box 167
Loomis, California 95650-0167

www.sri-sand.com

Dustin Parsons
(530) 741-0290
Fax: (530) 741-3457
Email: dustin@sri-sand.com

Plant: 4553 Hammonton Road
Marysville, California 95901

Brand Name or Grade:

SRI #12
SRI #20
SRI #30

Expires:

8/31/08
8/31/08
8/31/08

TriVetro Corporation

18420 – 68th Avenue South, #101
Kent, Washington 98032

www.trivetro.com

Donald H. Freas
(425) 251-8340
Fax: (425) 251-8301
Email: donfreas@trivetro.com

Plant: 18420 – 68th Avenue South, #101
Kent, Washington

Brand Name or Grade:

Vitro Grit VG #16/30
Vitro Grit VG #30/50

Expires:

8/31/09
8/31/09

Tiwest Joint Venture

Locked Bag 381
Bentley Delivery Centre,
Bentley Western Australia 6983

www.tiwest.com.au

Dennis Plester
+ 61 08 9365 1372
Fax: + 61 08 9365 1387
Email: dennis@tiwest.com.au

Plant: Chandala Dry Separation Plant
7 km North of Muchea townsite
on Brand Highway, Western Australia

Brand Name or Grade:

Staurolite
(cpff=#100)

Expires:

8/31/08

U.S. Electrofused Minerals, Inc.

600 Steel Street
Aliquippa, Pennsylvania 15001

www.curimbaba.com.br

Mr. Dennis Krizan
(800) 927-8823 Ext 113
Fax: (800) 729-8826
Email: lcurimbaba@usminerals.com

Plant : Mineracao Curimbaba Ltda.
Avenida Joao Pinheiro 3665
37704 392 Pocos de Caldas Minas Gerais
Brazil

Brand Name or Grade:

SinterBlast

Expires:

8/31/09

U.S. Minerals LLC
2105 North Winds Drive
Dyer, Indiana 46311

www.us-minerals.com
Vincent J. Piccirilli
(219) 864-0909, Ext. 18
Fax: (219) 864-4675
Email: vpiccirilli@us-minerals.com

Plant: 3860 Peters Road
Harvey, Louisiana 70058

Brand Name or Grade:
Black Magnum

Expires:
8/31/08

Virginia Materials Incorporated
An Optaminerals Company
3306 Peterson Street
Norfolk, Virginia 23509-2415

www.optaminerals.com
Gary Duschl
(757) 855-0155
Fax: (757) 857-5631
Email: gduschl@optaminerals.com

Plant: 3306 Peterson Street
Norfolk, Virginia 23509

Brand Name or Grade:
Black Blast

Expires:
8/31/08

V. V. Mineral

Ittamozhi Road,
Keeraikarantattu
Tisaiyanvilai – 627 657
Tirunelveli District
Tamil Nadu, India

Web : www.vvmineral.com
S. Chandresan
00-91-4637-271202 / 271302
Fax: 00-91-4637-271802
E-mail: vmindia@vvmineral.com

Plant: Keeraikarantattu
Tisaiyanvilai – 627 657
Tirunelveli District
Tamil Nadu, India

Brand Name or Grade:
Grade-B (20-40 mesh)

Expires:
8/31/08

Plant: Vallanvilai,
Navalady Post,
Tirunelveli District
Tamil Nadu, India

Brand Name or Grade:
Grade-C (30-60 mesh)

Expires:
8/31/08
