State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER G-14-017

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

WHEREAS, pursuant to California Health and Safety Code Sections 39600 and 39601, the Air Resources Board (ARB) has the authority to adopt standards for abrasive blasting media;

WHEREAS, pursuant to California Health and Safety Code Section 41901 and following, ARB has established abrasive blasting standards;

WHEREAS, pursuant to California Code of Regulations, Title 17, Section 92000 and following, ARB has established abrasive blasting standards;

WHEREAS, Cal. Code Regs., Title 17, 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 Cal. Code Regs., Title 17, Section 92530 (b);

WHEREAS, Exhibit A may be amended periodically to remove abrasives no longer certified for use and add new abrasives that have been tested and found to comply with the abrasive certification performance standards set forth in Cal. Code Regs., Title 17, Section 92530 (b); and

WHEREAS, ARB Executive Officer, pursuant to California Health and Safety Code Section 39516, issued Executive Order G-02-007 delegating to the Chief of ARB Monitoring and Laboratory Division (MLD) the authority to certify abrasives in accordance with Cal. Code Regs., Title 17, Section 92530 (a).

NOW, THEREFORE, I, Michael T. Benjamin, Chief of MLD, order certified the abrasives listed in Exhibit A for permissible dry outdoor blasting pursuant to Cal. Code Regs., Title 17, Section 92530.

IT IS FURTHER ORDERED, pursuant to Cal. Code Regs., Title 17, Section 92530 (a), that the certifications granted by this executive order will expire on the respective dates provided in Exhibit A and subsequent addenda, and thereafter no previously listed abrasive will be permissible for dry outdoor blasting until recertified in accordance with Cal. Code Regs., Title 17, Section 92530.

IT IS FURTHER ORDERED that Executive Order G-13-053 is superseded by this order.

Executed at Sacramento, California this 24th day of June 2014.

Dr. Michael T. Benjamin, Chief
Monitoring and Laboratory Division

Attachment

Exhibit A: Abrasives Certified for Permissible Dry Outdoor Blasting

EXECUTIVE ORDER G-14-017

STATE OF CALIFORNIA
AIR RESOURCES BOARD

ABRASIVES CERTIFIED FOR PERMISSIBLE DRY OUTDOOR BLASTING pursuant to California Code of Regulations, title 17, section 92530 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
JoAnn Schatz
(701) 348-3610
Fax: (701) 348-3615
marketing@abrasivesinc.com

Plant: 4090 Highway 49
Glen Ullin, North Dakota

Brand Name or Grade:	Expires:
Black Magic 8-20	8/31/2014
Black Magic 16-40	8/31/2014
Black Magic 20-40	8/31/2014

Arden Incorporated DBA
Green Diamond Sands Products
Post Office Box D
Riddle, Oregon 97469

Brian Rebuck
(541) 874-3111x18
Fax: (541) 874-3113
brebuck@greendiamondsand.com

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

Brand Name or Grade:	Expires:
Green Diamond 1636	8/31/2014
Green Diamond 2050	8/31/2014
Green Diamond 3050	8/31/2014

Barton Mines Company, L.L.C.
Six Warren Street
St Glens Falls, New York 12801

www.barton.com
Scott Trom
(518) 615-2046
Fax: (866) 697-0650
rrrapple@barton.com

Plant: South Gould Road
South of Geraldton
Western Australia

Brand Name or Grade:	Expires:
GMA 80 Mesh Garnet (cpff=#140)	8/31/2014
GMA 30x60 Garnet (cpff=#140)	8/31/2014

Plant: Keeraikaranthattu
Tisiayanvilai, Tirunelveli
Tamilnadu, India

Brand Name or Grade:	Expires:
30x40 Garnet Abrasive (cpff=#100)	8/31/2014
36 Garnet Abrasive	8/31/2014
60 HPA Garnet Abrasive	8/31/2014
80 HPA Garnet Abrasive (cpff=#100)	8/31/2014
100 HPA Garnet Abrasive (cpff=#140)	8/31/2014

Plant: 155 W. 10th St.
Reserve, LA

Brand Name or Grade:	Expires:
30x60 Plus Garnet Abrasive (cpff=#100)	8/31/2014
XF 30x60 Garnet Abrasive (cpff=#100)	8/31/2014
60 HPA Garnet Abrasive (cpff=#100)	8/31/2014
80 HPA Garnet Abrasive (cpff=#140)	8/31/2014

Plant: Hudson River Plant Rd.
North River, NY

Brand Name or Grade:	Expires:
Barton GTX (cpff=#200)	8/31/2014
36 CG Garnet Abrasive	8/31/2014

Barton Mines Company, L.L.C. con't
Six Warren Street
St Glens Falls, New York 12801

www.barton.com
Scott Trom
(518) 615-2046
Fax: (866) 697-0650
rrrapple@barton.com

Plant: 1960 Diamond Hill Rd.
Chesapeake, VA

Brand Name or Grade:	Expires:
30x60 Plus Garnet Abrasive (cpff=#140)	8/31/2014
XF 30x60 Garnet Abrasive (cpff=#140)	8/31/2014
60 HPA Garnet Abrasive (cpff=#100)	8/31/2014
80 HPA Garnet Abrasive (cpff=#140)	8/31/2014

Bell & MacKenzie Co., Ltd.
Post Office Box 844, LCD #1
Hamilton, Ontario L8N 3N9
Canada

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

Plant: 500 Sherman Avenue, North
Hamilton, Ontario
Canada

Brand Name or Grade:	Expires:
Black Shot II #12 Sandblast Slag Media	8/31/2015
Black Shot II #20 Sandblast Slag Media	8/31/2015

California Silica Products LLC
P.O. Box 4225
Ontario, California 91761

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

Plant: 12808 Rancho Road
Adelanto, California

Brand Name or Grade:	Expires:
#16 Blast off Sand	8/31/2015
#20 Blast off Sand	8/31/2015
#30 Blast off Sand	8/31/2015
CalSilica #16	8/31/2015
CalSilica #20	8/31/2015
CalSilica #30	8/31/2015

Cemex USA
Post Office Box 337
Marina, California 93933

Dale Kendall
(209) 814-7387
Fax: (831) 883-3703
dalew.kendall@cemex.com

Plant: 100 Lapis Road
Marina, California

Brand Name or Grade:	Expires:
Lapis Lustre, No. 3	8/31/2014
Lapis Lustre, No. 0/30	8/31/2014
Lapis Lustre, No. 1/20	8/31/2014
Lapis Lustre, No. 1C	8/31/2014
Lapis Lustre, No. 2/12	8/31/2014
Lapis Lustre, No. 2/16	8/31/2014

Disneyland Resort
Environmental Affairs Department
TDA 219N
1313 South Have Boulevard
Anaheim, California 92802

http://disneyland.disney.go.com/
Frank Dela Vara
(714) 781-4344
Fax: (714) 781-3564
frank.dela.vara@disney.com

Plant: 1313 South Harbor Boulevard
Anaheim, California

Brand Name or Grade:	Expires:
CO_2 Dry Ice	8/31/2015

E. I. DuPont de Nemours and Company
301 Edinburgh Lane
Orange Park, Florida 32073

www.titanium.dupont.com
Luther B. Carter
(904) 276-6239
Fax: (904) 276-9329
luther.b.carter-1@usa.dupont.com

Plant: 4641 County Road 230
Starke, Florida

Brand Name or Grade:	**Expires:**
Starblast®	8/31/2015
Starblast® XL	8/31/2015

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
esm1@aol.com

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

Brand Name or Grade:	**Expires:**
Mt. Pulaski Products #3 (20/40) Processed Corn Cobs	8/31/2015
Mt. Pulaski Products #3 Processed Corn Cobs	8/31/2015
Mt. Pulaski Products (20/40) Processed Corn Cobs	8/31/2015

GMA Garnet (USA) Corporation
480 North Sam Houston Parkway East, #130
Houston, Texas 77060

http://www.garnetsales.com
Pete Mitchell
(832) 243-9300
Fax: (832) 243-9301

Plant: South Gould Road
Geraldton, Western Australia
Australia

Brand Name or Grade:	**Expires:**
GMA 30/60 Mesh (cpff=#100)	8/31/2014
GMA 80 Mesh (cpff=#140)	8/31/2014
GMA 120 Mesh (cpff=#140)	8/31/2014

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

Chari P. Borja
chari@gordonsand.com
(510) 782-5640
Fax: (510) 782-5694

Plant: West End of Main Street
Guadalupe, CA

Brand Name or Grade:	Expires:
Golden Flint G-16*	8/31/2015
Golden Flint G-20*	8/31/2015
Golden Flint G-30*	8/31/2015

Harsco Minerals
5000 Ritter Road, Suite 205
Mechanicsburg, Pennsylvania 17055

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

Plant: 600 - 800 Outer Drive
LaCygne, Kansas

Brand Name or Grade:	Expires:
Black Beauty – Medium	8/31/2014
Black Beauty - Fine	8/31/2014
Black Beauty - XFine	8/31/2014

Plant: 2170 Plant Road
Memphis, Tennessee

Brand Name or Grade:	Expires:
Black Beauty – Medium	8/31/2015
Black Beauty - Fine	8/31/2015
Black Beauty	8/31/2015

Plant: 5486 State Route 7 North
Cheshire, Ohio

Brand Name or Grade:	Expires:
Black Beauty	8/31/2015

International Materials & Supplies Incorporated
56 Industrial Park Road
Keeseville, New York 12944

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

Plant: 56 Industrial Park Road
Keeseville, New York

Brand Name or Grade:	**Expires:**
International Garnet 30-60	8/31/2015
International Garnet 36	8/31/2015

Kleen Blast Division – CanAm Minerals
50 Oak Court #210
Danville, California 94526

www.kleenblast.com
Fionn O'Neill
(925) 831-9800
Fax: (925) 831-9183
fionn@kleenblast.com

Plant: Pacific Abrasives & Supply, Incorporated
2465 Carson Road
Grand Forks, British Columbia
Canada

Brand Name or Grade:	**Expires:**
Kleen Blast #16/30	8/31/2014
Kleen Blast #35	8/31/2014
Kleen Blast #30/60	8/31/2014

Plant: 676-B Moss Street
Chula Vista, California

Brand Name or Grade:	**Expires:**
Kleen Blast #16-30 15% Blastox	8/31/2015
Kleen Blast #35 15% Blastox	8/31/2015

Les Sables Olimag, Incorporated
163, rue PIE XI Street, C.P.276
Thetford Mines, Quebec G6G 5T1
Canada

www.olimag.com
Jean Yves Angers
(418) 338-3562
Fax: (418) 338-9100
jy.angers@olimag.com

Plant: 725 Boul Caouette C.P. 276
Thetford Mines, Quebec
Canada

Brand Name or Grade:	**Expires:**
Jetmag 30-60	8/31/2014

LVH Industries, Incorporated
220 South Hancock Street
McAdoo, Pennsylvania 18237

www.lvhindustriesinc.com
Michael Kurtz
(570) 366-0950
Fax: (570) 366-0948
mkurtz@lvhindustriesinc.com

Plant: 49 Pinedale Industrial Road
Orwigsburg, Pennsylvania

Brand Name or Grade:	**Expires:**
Medium	8/31/2014
Coarse	8/31/2014

Minerals Research & Recovery, Incorporated
4620 South Coach Drive
Tucson, Arizona 85714

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

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

Brand Name or Grade:	**Expires:**
Sharpshot 12x30	8/31/2014
Sharpshot 20x50	8/31/2014
Sharpshot 30x60 (cpff=#100)	8/31/2014

Novetas Solutions, LLC
1517 Packer Avenue
Philadelphia, Pennsylvania 19145

www.newageblastmedia.com
Stephen R. Swartz
(215) 551-3070
Fax: (215) 5513073
steve@newagestudwelding.com

Plant: 2 Enterprise Court
Sewell, New Jersey

Brand Name or Grade:	**Expires:**
Eco Blast® Coarse	8/31/2014
Green Blast™ Coarse	8/31/2014
New Age Blast Media® Coarse	8/31/2014

Novetas Solutions, LLC con't
1517 Packer Avenue
Philadelphia, Pennsylvania 19145

www.newageblastmedia.com
Stephen R. Swartz
(215) 551-3070
Fax: (215) 5513073
steve@newagestudwelding.com

Plant: 10 Erie Blvd.
Albany, New York

Brand Name or Grade:	**Expires:**
New Age Blast Media Medium	8/31/2014
New Age Blast Media Coarse	8/31/2014

Plant: 13101 N. Enon Church Rd.
Chester, Virginia

Brand Name or Grade:	**Expires:**
Eco Blast® Coarse	8/31/2014
Green Blast™ Coarse	8/31/2014
New Age Blast Media® Coarse	8/31/2014

Opta Minerals, Inc.
407 Parkside Drive
Watertown, Ontario L0R 2H0
Canada

www.optaminerals.com
John Papaioannou
(905) 689-6661x335
Fax: (905) 689-3915
johnp@optaminerals.com

Plant: 407 Parkside Drive
Watertown, Ontario
Canada

Brand Name or Grade:	**Expires:**
Ebony Grit 14	8/31/2015

Premier Silica LLC
Post Office Box 249
San Juan Capistrano, California 92693-0249

Ruben Bernal
(949) 728-0171x3221
Fax: (949) 728-0321
ruben.bernal@permiersilica.com

Plant: 31302 Ortega Highway
San Juan Capistrano, California

Brand Name or Grade:	**Expires:**
Dust Net #16	8/31/2014
Dust Net #20	8/31/2014
Dust Net #30	8/31/2014

P.W. Gillibrand
4537 Ish Drive
Simi Valley, California 93063

Elhachmi Elyakoubi
(805) 520-8729
Fax: (805) 520-8728
lash@pwgcoinc.com

Plant: 5810 Bennett Road
Simi Valley, California

Brand Name or Grade:	Expires:
Silver Sand #12	8/31/2014
Silver Sand #16	8/31/2014
Silver Sand #20	8/31/2014
Silver Sand #30	8/31/2014

Servicios Mineros del Noroeste S.A. de C.V.
Reforma 1507-A
Col Nueva
Mexicali, BC 21100
Mexico

Robert Mark Anthony
52-686-201-4170

rma06@hotmail.com

Plant: Col Mariana
GPE Victoria, BC
Mexico

Brand Name or Grade:	Expires:
Almandite Garnet 36	8/31/2014
North American Garnet	8/31/2014
Dark Red 20/30	8/31/2014
Red 30/40	8/31/2014
GMM	8/31/2014
Select Garnet	8/31/2014

Sierra Silica Resources
650 Georgia Pacific Way
Oroville, California 95966

www.sierrasilica.com
Chris Van Veldhuizen
(530) 534-9565
Fax: (530) 534-9564
Travish@sierrasilica.com

Plant:
650 Georgia Pacific Way
Oroville, California

Brand Name or Grade:	Expires:
#20	8/31/2015
Sierra Silica #30	8/31/2015

Silica Resources Incorporated
4553 Hammonton Road
Marysville, California 95901

www.sri-sand.com
Steve Mallory
(530) 741-0290
Fax: (530) 741-3457
Steve@sri-sand.com

Plant: 4553 Hammonton Road
Marysville, California

Brand Name or Grade:	Expires:
SRI Supreme #12	8/31/2014
SRI Supreme #20	8/31/2014
SRI Supreme #30	8/31/2014

Strategic Materials, Incorporated
2323 West 3rd Street
Cleveland, Ohio 44113

www.strategicmaterials.com
Scott Wightman
(216) 771-8274
Fax: (216) 241-4453
swightman@strategicmaterials.com

Plant: 7000 Bandini
Commerce, CA

Brand Name or Grade:	Expires:
BriteBlast Commerce (Coarse)	8/31/2015
BriteBlast Commerce (Medium)	8/31/2015
Eco Blast™ Commerce (Coarse)	8/31/2015
Eco Blast™ Commerce (Medium)	8/31/2015
GlassBlast Commerce (Coarse)	8/31/2015
GlassBlast Commerce (Medium)	8/31/2015
Green Blast® Commerce (Coarse)	8/31/2015
Green Blast® Commerce (Medium)	8/31/2015
New Age Media® Commerce (Coarse)	8/31/2015
New Age Media® Commerce (Medium)	8/31/2015

Strategic Materials, Incorporated con't

2323 West 3rd Street
Cleveland, Ohio 44113

www.strategicmaterials.com
Scott Wightman
(216) 771-8274
Fax: (216) 241-4453
swightman@strategicmaterials.com

Plant: 1932 Fairway Dr.
San Leandro, CA

Brand Name or Grade:	Expires:
BriteBlast San Leandro (Coarse)	8/31/2015
BriteBlast San Leandro (Medium)	8/31/2015
Eco Blast™ San Leandro (Coarse)	8/31/2015
Eco Blast™ San Leandro (Medium)	8/31/2015
GlassBlast San Leandro (Coarse)	8/31/2015
GlassBlast San Leandro (Medium)	8/31/2015
Green Blast® San Leandro (Coarse)	8/31/2015
Green Blast® San Leandro (Medium)	8/31/2015
New Age Media® San Leandro (Coarse)	8/31/2015
New Age Media® San Leandro (Medium)	8/31/2015

Plant: 825 South West Loop
Houston, TX

Brand Name or Grade:	Expires:
BriteBlast	8/31/2014
New Age Media®	8/31/2014
Green Blast®	8/31/2014
Eco Blast™	8/31/2014
GlassBlast Fine	8/31/2014

Transworld Garnet India Pvt., Ltd

New No. 34, Old No. 46, MGR Road
Kalachetra colony, Besant
Chenni, Tamil Nadu 600 090
India

J. Muthurajan
00-91-461-2271519
Fax: 00-91-461-2271520
Email: csg@transworldgarnet.com

Plant: Palayamcotti High Road
Kutudankaduvillage
Tuticorn 628 103
Tuticorn District
Tamilnadu
India

Brand Name or Grade:	Expires:
King Blast - Garnet Abrasive Grade - B (20/40)	8/31/2015
King Blast - Garnet Abrasive Grade - C (30/60)	8/31/2015

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

www.u.s.minerals.com
Vincent J. Piccirilli
(219) 864-0909x18
Fax: (219) 864-4675
vpiccirilli@us-minerals.com

Plant: 3860 Peters Road
Harvey, Louisiana

Brand Name or Grade:	**Expires:**
Black Magnum Medium	8/31/2014

Plant: 1254 70th Avenue
Roberts, Wisconsin

Brand Name or Grade:	**Expires:**
Black Magnum 1230	8/31/2015
Black Magnum 2040	8/31/2015

Plant: MGSP, Anaconda Smelter Site
Montana Hwy 1
Anaconda, Montana

Brand Name or Grade:	**Expires:**
Black Diamond Medium	8/31/2015
Black Diamond Fine	8/31/2015
Black Diamond X-Fine	8/31/2015

Virginia Materials, Incorporated
(Opta Minerals USA)
3306 Peterson Street
Norfolk, Virginia 23509

www.optaminerals.com
John Papaioannou
(905) 689-6661x335
Fax: (905) 689-3989
johnp@optaminerals.com

Plant: 3306 Peterson Street
Norfolk, Virginia

Brand Name or Grade:	**Expires:**
Admirals Garnet (cpff=#140)	8/31/2014
Black Blast	8/31/2014
Green Grit Fine	8/31/2015
Green Grit Medium	8/31/2015
Green Grit Medium/Fine	8/31/2015
Indian Garnet (cpff=#100)	8/31/2014

V. V. Mineral
Ittamozhi Road
Keeraikaranthattu
Tisaiyanvilai- 627 657
Tamilnadu
India

00-91-4637-272360
Fax: 00-91-4637-271802
Email: vvadmin@vvmineral.com

Plant: No.1, M.L.Theri Road
Keeraikaranthattu
Tisaiyanvilai-627 657
Tirunelveli District
Tamilnadu
India

Brand Name or Grade:	**Expires:**
Sg.Super Garnet Abrasive	8/31/2014

Plant: No.75,K.Pudur Village
Vallanvilai,Navalady post
Tirunelveli District
Tamilnadu
India

Brand Name or Grade:	**Expires:**
Sg.Super Garnet Abrasive	8/31/2014

WGI Heavy Minerals, Incorporated,
an Opta Minerals Company
P. O. Box 190
Fernwood, Idaho 83830

Sandy Stamper
(208) 245-2096
Fax: (208) 245-5309
Email: sstamper@optaminerals.com

Plant: 4 miles south of Fernwood, HWY 3 Idaho

Brand Name or Grade:	**Expires:**
ECG # 36	8/31/2015
ECG # 30/40	8/31/2015