

Executive Order G-17-012 lists abrasives currently certified by the Air Resources Board for permissible dry blasting done outside of a permanent building in accordance with California Code of Regulations, title 17, section 92530. The certification of the abrasives listed on this Executive Order will expire in either 2017 or 2018, depending on when the abrasive was certified. New Executive Orders will be issued as appropriate.

Only the abrasives listed on this Executive Order are currently certified.

- If a manufacturer or vendor sells an abrasive in multiple grit sizes (i.e. 16, 20, and/or 30) only the grit sizes listed on this Executive Order are certified. If no grit sizes are listed on this Executive Order, only the single unsized abrasive is certified.
- Only the abrasives produced at the listed plants are certified. Abrasives produced by the manufacturers or vendors at locations not listed on this Executive Order are not certified.
- The abrasives listed on this Executive Order may be used until gone. An abrasive that is sold by its manufacturer or vendor during the period the abrasive is certified is certified for use until the abrasive is gone. The regulations do not require that the abrasive be used only during the period it is certified. [Advisory #164](#) addresses this issue.

If you have questions on the Abrasive Blasting Certification Program or need further assistance, please contact Kathryn Gugeler at (916) 322-0221 or via email at kathryn.gugeler@arb.ca.gov.

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**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER G-17-012

**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-16-120 is superseded by this order.

Executed at Sacramento, California this 31st day of January 2017.



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

Attachment

Exhibit A: Abrasives Certified for Permissible Dry Outdoor Blasting

EXECUTIVE ORDER G-17-012**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 58631

Brand Name or Grade:

Black Magic 8-20
Black Magic 20-40

Expires:

August 31, 2018
August 31, 2018

Arden Incorporated DBA**Green Diamond Sand Products**

Post Office Box D
Riddle, Oregon 97469

Brian Rebuck Jr.
(541) 874-3111x108
Fax: (541) 874-3113
brebuck@greendiamondsand.com

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

Brand Name or Grade:

Green Diamond 1636
Green Diamond 2050
Green Diamond 3050

Expires:

August 31, 2018
August 31, 2018
August 31, 2018

Barton Mines Company, L.L.C.

Six Warren Street
Glens Falls, New York 12801

www.barton.com

R. Randolph Rapple
(800) 741-7756
Fax: (518) 798-5728
rrrapple@barton.com

Plant: South Gould Road
South of Geraldton
Western Australia
6530
AUSTRALIA

Brand Name or Grade:
GMA 30x60
(cpff=#100)

Expires:
August 31, 2018

Plant: No. 17-C Ittamozhi Road
Keeraikaranthattu
Tisiayanvilai, Tirunelveli
Tamilnadu 627 657
INDIA

Brand Name or Grade:
Barton 30x40
(cpff=#100)
Barton 60HPA
Barton 80HPA
(cpff=#100)
Barton 100HPA
(cpff=#140)
Barton MG1
(cpff=#140)

Expires:
August 31, 2018

August 31, 2018
August 31, 2018

August 31, 2018

August 31, 2018

Plant: 155 West 10th Street
Reserve, Louisiana 70084

Brand Name or Grade:
Barton 30x60 Plus
(cpff=#140)
Barton 60HPA
(cpff=#100)
Barton 80HPA
(cpff=#140)

Expires:
August 31, 2018

August 31, 2018

August 31, 2018

Plant: Hudson River Plant Road
North River, New York 12842

Brand Name or Grade:
Barton 36 CG

Expires:
August 31, 2018

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

www.barton.com

R. Randolph Rapple
(800) 741-7756
Fax: (518) 798-5728
rrrapple@barton.com

Plant: 1960 Diamond Hill Road
Chesapeake, Virginia 23324

Brand Name or Grade:

Barton 30x60 Plus
(cpff=#140)

Barton 60HPA
(cpff=#100)

Expires:

August 31, 2018

August 31, 2018

California Silica Products, LLC

Post Office Box 4225
Ontario, California 91761

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

Plant: 12808 Rancho Road
Adelanto, California 92301

Brand Name or Grade:

Crystal Quartz Grade 16
Crystal Quartz Grade 20

Expires:

August 31, 2017

August 31, 2017

Cemex USA

Post Office Box 337
Marina, California 93933

Antonio Fuentes
(925) 580-2790
Fax: (925) 665-1550
tony.fuentes@cemex.com

Plant: 100 Lapis Road
Marina, California 93933

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:

August 31, 2018

August 31, 2018

August 31, 2018

August 31, 2018

August 31, 2018

August 31, 2018

Disneyland Resort

Environmental Affairs Department
TDA 219N
1313 South Harbor Boulevard
Anaheim, California 92802

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 92802

Brand Name or Grade:
CO₂ Dry Ice

Expires:
August 31, 2018

**Emerald Creek Garnet Limited,
an Opta Minerals Company**

Post Office Box 190
Fernwood, Idaho 83830

www.optaminerals.com

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

Plant: 4 miles south of Fernwood,
Highway 3
Idaho 93830

Brand Name or Grade:
ECG # 36
ECG # 30/40

Expires:
August 31, 2017
August 31, 2017

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 / The Andersons
908 North Vine
Mt. Pulaski, Illinois 62548

Brand Name or Grade:
Mt. Pulaski Products / The Andersons
#3 (20/40) Processed Corn Cobs
Mt. Pulaski Products / The Andersons
#3 Processed Corn Cobs
Mt. Pulaski Products / The Andersons
(20/40) Processed Corn Cobs

Expires:
August 31, 2017
August 31, 2017
August 31, 2017

GMA Garnet (USA) Corporation

1800 Hughes Landing Boulevard, Suite #350
The Woodlands, Texas 77380

www.garnetsales.com

Pete Mitchell
(832) 243-9300
Fax: (832) 243-9301
petem@gmaamericas.com

Plant: 1627 Tillie Lewis Drive
Stockton, California 95206

Brand Name or Grade:

GMA 30/60 mesh
(cpff=#100)

GMA 80 mesh
(cpff=#140)

GMA 120 mesh
(cpff=#140)

Expires:

August 31, 2018

August 31, 2018

August 31, 2018

Plant: 356, West 19th Street
Reserve, Louisiana 70084

Brand Name or Grade:

GMA 200 mesh
(cpff=#270)

Expires:

August 31, 2017

Plant: 2200 Montana Highway 287
Alder, Montana 59710

Brand Name or Grade:

GMX-16 mesh

GMX-30/60 mesh

GMX-36 mesh

GMX-50 mesh

GMX-80 mesh
(cpff=#100)

Expires:

August 31, 2018

August 31, 2018

August 31, 2018

August 31, 2018

August 31, 2018

Green Planet Investments, LLC

2420 South California Street
Stockton, California 95206

John Quinn
(209) 712-9646
iquinn@greenplanetinvestments.com

Plant: 2420 South California Street
Stockton, California 95206

Brand Name or Grade:

Dynamite 16 x Coarse
Dynamite 20/40 Medium
Dynamite 25 x Coarse
Dynamite 40/70 Fine
(cpff=#200)
Dynamite 70/100 Fine
(cpff=#325)
Evergreen 16X Coarse
Evergreen 25X Coarse
Evergreen 20/40 Medium
Evergreen 40/70 Fine
(cpff=#200)
Evergreen 70/100 Fine
(cpff=#325)

Expires:

August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018

August 31, 2018

August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018

August 31, 2018

Harsco Minerals

5000 Ritter Road, Suite 205
Mechanicsburg, Pennsylvania 17055

Anthony Budzinski
(717) 506-7157
bbudzinski@harsco.com

Plant: 5950 Old US 41A Highway
Tampa, Florida 33570

Brand Name or Grade:

Black Beauty

Expires:

August 31, 2017

Plant: 13090 E. Manito Road
Pekin, Illinois 61554

Brand Name or Grade:

Black Beauty - 2070

Expires:

August 31, 2017

Plant: 7100 West 9th Avenue
Gary, Indiana 46406

Brand Name or Grade:

Black Beauty - Medium
Black Beauty - Fine

Expires:

August 31, 2017
August 31, 2017

Harsco Minerals con't
5000 Ritter Road, Suite 205
Mechanicsburg, Pennsylvania 17055

Anthony Budzinski
(717) 506-7157
bbudzinski@harsco.com

Plant: 9001 State Route 176 East
Drakesboro, Kentucky 42337

Brand Name or Grade:
Black Beauty

Expires:
August 31, 2017

Plant: 5486 State Route 7 North
Cheshire, Ohio 45620

Brand Name or Grade:
Black Beauty

Expires:
August 31, 2017

Plant: 2170 Plant Road
Memphis, Tennessee 38109

Brand Name or Grade:
Black Beauty

Expires:
August 31, 2017

Plant: 13040 A Market Street Road
Houston, Texas 77015

Brand Name or Grade:
Black Beauty - Fine

Expires:
August 31, 2017

Plant: 18730 East 2150 Road
LaCygne, Kansas 66040

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

Expires:
August 31, 2018
August 31, 2018

Plant: Route 2
South Moundsville, West Virginia 26041

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

Expires:
August 31, 2018
August 31, 2018

Industrial Mineral Company (USA)

100 Oceangate, Suite 600
Long Beach, California 90802

Jen Steinbach
(562) 553-5203
Fax: (562) 553-5375
info@imcminerals.com

Plant: 2/98, Kalikumarapuram
Kalikumarapuram PO
Radhapuram Taluk
Tirunelveli District 627 657
INDIA

Brand Name or Grade:

Cleancut 250
Cleancut 300

Expires:

August 31, 2017
August 31, 2017

International Materials & Supplies Incorporated

56 Industrial Park Road
Keeseville, New York 12944

www.optaminerals.com

Martin Caouette
(518) 834-9899
Fax: (518) 834-9839
mcaouette@optaminerals.com

Plant: 56 Industrial Park Road
Keeseville, New York 12944

Brand Name or Grade:

International Garnet 30-60
International Garnet 36

Expires:

August 31, 2017
August 31, 2017

Kleen Blast Division – CanAm Minerals

50 Oak Court
Danville, California 94526

www.kleenblast.com

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

Plant: 2465 Carson Road
Grand Forks, British Columbia V0H 1H4
CANADA

Brand Name or Grade:

Kleen Blast #16-30
Kleen Blast #35
Kleen Blast #30-60

Expires:

August 31, 2018
August 31, 2018
August 31, 2018

Plant: 676-B Moss Street
Chula Vista, California 91911

Brand Name or Grade:

Kleen Blast #16-30 15% Blastox
Kleen Blast #35 15% Blastox

Expires:

August 31, 2017
August 31, 2017

Kleen Blast Division – CanAm Minerals con't

50 Oak Court
Danville, California 94526

www.kleenblast.com

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

Plant: 9871 8th Street
Rancho Cucamonga, California 91730

Brand Name or Grade:
Kleen Blast Select Garnet II 30/40

Expires:
August 31, 2018

Les Sables Olimag, Incorporated

2899 Frontenac East
Thetford Mines, Quebec G6G 6P6
CANADA

www.olimag.com

Marc Giroux
(418) 334-6480
Fax: (418) 338-9100
marc.giroux@quartzind.com

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

Brand Name or Grade:
Jetmag® 16-60
Jetmag® 30-60
Jetmag® 32B4

Expires:
August 31, 2018
August 31, 2018
August 31, 2018

Minerals Research, Incorporated

4620 South Coach Drive
Tucson, Arizona 85714

www.mineralsresearch.com

Mike McLouth
(520) 748-9362
Fax: (520) 748-9364
mike.mclouth@mineralsresearch.com

Plant: 705 East Birch Street
Cottonwood, Arizona 86326

Brand Name or Grade:
Sharpshot 12x30
Sharpshot 20x50
Sharpshot 30x60
Sharpshot 40x120
(cpff=#200)
Sharpshot® Coarse
Sharpshot® X-Coarse
Sharpshot® Fine
(cpff=#200)
Sharpshot® Medium

Expires:
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017

August 31, 2017
August 31, 2017
August 31, 2017

August 31, 2017

Momentum Recycling, LLC

658 South 4050 West
Salt Lake City, Utah 84104

www.momentumrecycling.com

John C. Lair
(801) 355-0334
Fax: (801)402-7212
john@momentumrecycling.com

Plant: 658 South 4050 West
Salt Lake City, Utah 84104

Brand Name or Grade:
Momentum 12-20 Mesh

Expires:
August 31, 2017

Opta Minerals, Incorporated

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 L0R 2H0
CANADA

Brand Name or Grade:
Ebony Grit 14

Expires:
August 31, 2017

P.W. Gillibrand Company, Incorporated

4537 Ish Drive
Simi Valley, California 93062

Elhachmi Elyakoubi
(805) 526-2195
Fax: (805) 522-4031
lash@pwgcoinc.com

Plant: 5810 Bennett Road
Simi Valley, California 93062

Brand Name or Grade:
Silver Sand #12
Silver Sand #16
Silver Sand #20
Silver Sand #30

Expires:
August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018

Servicios Mineros de Noroeste

Republica de Argentina, #111
Residencial Hipico
Mexicali, Baja California 21219
MEXICO

Robert Mark Anthony
52-686-290-4341
rma06@hotmail.com

Plant: Col Mariana
GPE Victoria, Baja California
MEXICO

Brand Name or Grade:

Almandite Garnet 36
Dark Red 20/30
North American Garnet
Red 30/40
Kleen Blast North American Garnet

Expires:

August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018

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 95901

Brand Name or Grade:

SRI Supreme #12
SRI Supreme #20
SRI Supreme #30

Expires:

August 31, 2018
August 31, 2018
August 31, 2018

Sponge-Jet, Incorporated

14 Patterson Lane
Newington, New Hampshire 03801

www.spongejet.com

William F. McLaughlin, Jr.
(603) 610-7950
Fax: (603) 431-6042
bmclaughlin@spongejet.com

Plant: 1230 Bare Valley Road
Montrose, Pennsylvania 18801

Brand Name or Grade:

Sponge-Jet Silver 16
Sponge-Jet Silver 30
Sponge-Jet Silver 60
Sponge-Jet Silver 80
Sponge-Jet Silver 120
Sponge-Jet Silver 320

Expires:

August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017

Strategic Materials

16365 Park Ten Place, #200
Houston, Texas 77084

www.strategicmaterials.com

Eric Solberg
(858) 449-8231
Fax: (713) 583-6979
esolberg@strategicmaterials.com

Plant: 7000 Bandini
Commerce, California 90040

Brand Name or Grade:

BriteBlast Coarse
BriteBlast Medium
BriteBlast (Fine)
Eco Blast Coarse
Eco Blast Medium
Eco Blast (Fine)
GlassBlast Coarse
GlassBlast Medium
GlassBlast (Fine)
Green Blast Coarse
Green Blast Medium
Green Blast (Fine)
New Age Media Extra Coarse
New Age Media Medium-Coarse
New Age Blast Media Fine
Purabrasives (Fine)

Expires:

August 31, 2017
August 31, 2017
August 31, 2018
August 31, 2017
August 31, 2017
August 31, 2018
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August 31, 2018
August 31, 2017
August 31, 2018
August 31, 2018

Plant: 299 Beck Avenue
Fairfield, California 94533

Brand Name or Grade:

BriteBlast (Fine)
Eco Blast (Fine)
GlassBlast (Fine)
Green Blast (Fine)
New Age Blast Media Fine
Purabrasives (Fine)

Expires:

August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018
August 31, 2018

Strategic Materials con't
16365 Park Ten Place, #200
Houston, Texas 77084

www.strategicmaterials.com

Eric Solberg
(858) 449-8231
Fax: (713) 583-6979
esolberg@strategicmaterials.com

Plant: 1932 Fairway Drive
San Leandro, California 94577

Brand Name or Grade:

BriteBlast Coarse
BriteBlast Medium
Eco Blast Coarse
Eco Blast Medium
GlassBlast Coarse
GlassBlast Medium
Green Blast Coarse
Green Blast Medium
New Age Media Extra Coarse
New Age Media Medium-Coarse

Expires:

August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017
August 31, 2017

The Chemours Company TT, LLC

5222 Treat Road
Starke, Florida 32091

[www.chemours.com/Florida Mine/en_US](http://www.chemours.com/Florida_Mine/en_US)

Jody S. Sciance
(904) 964-1218
Fax: (904) 964-5075
Jody.S.Sciance@chemours.com

Plant: 5222 Treat Road
Starke, Florida 32091

Brand Name or Grade:

Starblast™
(cpff=#200)
Starblast™ XL
(cpff=#140)
AlZiPure™
(cpff=#200)
AlZiBlast
(cpff=#200)

Expires:

August 31, 2017

August 31, 2017

August 31, 2018

August 31, 2018

The Don Chapin Company, Incorporated

560 Crazy Horse Canyon Road
Salinas, California 93907

www.donchapin.com

Don Chapin
(831) 449-4273
Fax: (831) 449-0700
dchapin@donchapin.com

Plant: 2735 Bolsa Road
Hollister, California 95023

Brand Name or Grade:

Chapin Plant 25 - #16 Sand
Chapin Plant 25 - #30 Sand

Expires:

August 31, 2018
August 31, 2018

Transworld Garnet India Private Limited

No.500, Pantheon Road
Egmore
Chennai, Tamil Nadu 600 008
INDIA

www.transworldgarnet.com

J. Muthurajan
00-91-44-2446 9252 / 42150807
Fax: 00-91-44-24469251
muthurajan@transworldgarnet.com

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

Brand Name or Grade:

King Blast - Garnet Abrasive Grade - B (20/40)
King Blast - Garnet Abrasive Grade - C (30/60)

Expires:

August 31, 2017
August 31, 2017

US Minerals, Incorporated

18635 West Creek Drive
Tinley Park, Illinois 60477

www.usminerals.com

Vincent J. Piccirilli
(708) 623-1948x118
Fax: (219) 864-4675
vpiccirilli@us-minerals.com

Plant: 3860 Peters Road
Harvey, Louisiana 70058

Brand Name or Grade:

Black Diamond Medium

Expires:

August 31, 2018

US Minerals, Incorporated con't
 18635 West Creek Drive
 Tinley Park, Illinois 60477

www.usminerals.com
 Vincent J. Piccirilli
 (708) 623-1948x118
 Fax: (219) 864-4675
vpiccirilli@us-minerals.com

Plant: MGSP, Anaconda Smelter Site
 Montana Highway 1
 Anaconda, Montana 59711

Brand Name or Grade:
 Black Diamond Medium
 Black Diamond Fine
 Black Diamond X-Fine

Expires:
 August 31, 2017
 August 31, 2017
 August 31, 2017

Plant: 1254 70th Avenue
 Roberts, Wisconsin 54023

Brand Name or Grade:
 Black Magnum 1240
 Black Magnum 2040

Expires:
 August 31, 2017
 August 31, 2017

V. V. Mineral

Ittamozhi Road
 Keeraikaranthattu
 Tisaiyanvilai 627 657
 Tamilnadu
 INDIA

00-91-4637-273302
 Fax: 00-91-4637-272802
vvadmin@vmineral.com

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

Brand Name or Grade:
 Garnet Abrasive Grit Grade-B (20-40 Mesh)
 Sg. Super Garnet Abrasive Grade-B (20-40 Mesh)

Expires:
 August 31, 2018
 August 31, 2018

Plant: No.75,K.Pudur Village
 Vallanvilai, Navalady post 627 657
 Tirunelveli District
 Tamilnadu
 INDIA

Brand Name or Grade:
 Garnet Abrasive Grit Grade-C (30-60 Mesh)
 Sg. Super Garnet Abrasive Grade-C (30-60 Mesh)

Expires:
 August 31, 2018
 August 31, 2018

Virginia Materials, Incorporated

3306 Peterson Street
Norfolk, Virginia 23509

www.optaminerals.com

John Papaioannou
(905) 689-6661x217
Fax: (905) 689-3989
DRumble@optaminerals.com

Plant: 3306 Peterson Street
Norfolk, Virginia 23509

Brand Name or Grade:

Green Grit
Turtle Glass
Black Blast

Expires:

August 31, 2017
August 31, 2017
August 31, 2018

Vitro Minerals, Incorporated

1598 Rivermist Drive
Liburn, Georgia 30047

www.vitrominerals.com

Joseph Z. Keating
(678) 729-9333
Fax: (678) 750-0105
keating@vitrominerals.com

Plant: 95 Pinnacle Drive
Jackson, Tennessee 38301

Brand Name or Grade:

CoreBlast Coarse
CoreBlast CBM-20-40

Expires:

August 31, 2018
August 31, 2018

WGI Heavy Minerals, Incorporated

(Opta Minerals USA)

Post Office Box 190
Fernwood, Idaho 83830

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

Plant: Palayamkottai High Road
Tuticorin Airport 628-103
Kuttudankadu Tuticorin
INDIA

Brand Name or Grade:

Bengal Bay #20/40
Bengal Bay #36
Bengal Bay #30/60

Expires:

August 31, 2017
August 31, 2017
August 31, 2017
