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IT IS FURTHER ORDERED that Executive Order G-14-091 is superseded by this order.

Executed at Sacramento, California this 12th day of March, 2015.

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

Attachment

Exhibit A: Abrasives Certified for Permissible Dry Outdoor Blasting
EXECUTIVE ORDER G-15-013

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

**Brand Name or Grade:**  
Black Magic 8-20  
Black Magic 16-40  
Black Magic 20-40

**Plant:**  
4090 Highway 49  
Glen Ullin, North Dakota

**Expires:**  
8/31/2016

---

**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

**Brand Name or Grade:**  
Green Diamond 1636  
Green Diamond 2050  
Green Diamond 3050

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

**Expires:**  
8/31/2016
Plant: South Gould Road  
South of Geraldton  
Western Australia  
AUSTRALIA  

Brand Name or Grade:  
GMA 30x60 Garnet  
Expires: 8/31/2016  
(cpff=#140)  

Plant: No. 17-C Ittamozhi Rd.  
Keeraikaranthattu  
Tisiayanvilai, Tirunelveli  
Tamilnadu  
INDIA  

Brand Name or Grade:  
30x40 Garnet Abrasive  
Expires: 8/31/2016  
(cpff=#100)  
Barton 60 HPA  
Expires: 8/31/2016  
80 HPA Garnet Abrasive  
Expires: 8/31/2016  
(cpff=#100)  
100 HPA Garnet Abrasive  
Expires: 8/31/2016  
(cpff=#140)  

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

Brand Name or Grade:  
30x60 Plus Garnet Abrasive  
Expires: 8/31/2016  
(cpff=#100)  
Barton 60 HPA  
Expires: 8/31/2016  
(cpff=#140)  
Barton 80 HPA  
Expires: 8/31/2016  
(cpff=#140)  

Plant: Hudson River Plant Rd.  
North River, New York  

Brand Name or Grade:  
Barton GTX Fine  
Expires: 8/31/2016  
(cpff=#140)  
Barton GTX Medium  
Expires: 8/31/2016  
Barton GTX Coarse  
Expires: 8/31/2016
### Barton Mines Company, L.L.C.

**Address:**
Six Warren Street
Glens Falls, New York 12801

**Website:**
[www.barton.com](http://www.barton.com)

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

**Plant:**
1960 Diamond Hill Rd.
Chesapeake, Virginia

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<td>30x60 Plus Garnet Abrasive (cpff=#140)</td>
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<tr>
<td>Barton 60 HPA (cpff=#100)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Barton 80 HPA (cpff=#140)</td>
<td>8/31/2016</td>
</tr>
</tbody>
</table>

### Bell & MacKenzie Co., Ltd.

**Address:**
Post Office Box 844, LCD #1
Hamilton, Ontario L8N 3N9
CANADA

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

**Plant:**
500 Sherman Avenue, North
Hamilton, Ontario
CANADA

<table>
<thead>
<tr>
<th>Brand Name or Grade</th>
<th>Expires</th>
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<td>Black Shot II #12 Sandblast Slag Media</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Black Shot II #20 Sandblast Slag Media</td>
<td>8/31/2015</td>
</tr>
</tbody>
</table>
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

<table>
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<th>Brand Name or Grade:</th>
<th>Expires:</th>
</tr>
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<td>#16 Blast Off Sand</td>
<td>8/31/2015</td>
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<td>#20 Blast Off Sand</td>
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</tr>
<tr>
<td>#30 Blast Off Sand</td>
<td>8/31/2015</td>
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<tr>
<td>CalSilica #16</td>
<td>8/31/2015</td>
</tr>
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<td>CalSilica #20</td>
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<td>CalSilica #30</td>
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<tr>
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<td>Crystal Quartz Grade 30</td>
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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

<table>
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<tr>
<th>Brand Name or Grade:</th>
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<td>8/31/2016</td>
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<td>Lapis Lustre, No. 1/20</td>
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<td>Lapis Lustre, No. 1C</td>
<td>8/31/2016</td>
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<td>Lapis Lustre, No. 2/12</td>
<td>8/31/2016</td>
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<td>Lapis Lustre, No. 2/16</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Lapis Lustre, No. 0/30</td>
<td>8/31/2016</td>
</tr>
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</table>

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

<table>
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<th>Brand Name or Grade:</th>
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<td>CO₂ Dry Ice</td>
<td>8/31/2016</td>
</tr>
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</table>
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: Starblast®
(cnff=#200)
Starblast® XL
(cnff=#200)
Expires: 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: Mt. Pulaski Products #3 (20/40) Processed Corn Cobs
Mt. Pulaski Products #3 Processed Corn Cobs
Mt. Pulaski Products (20/40) Processed Corn Cobs
Expires: 8/31/2015

GMA Garnet (USA) Corporation
1800 Hughes Land, Suite #350
The Woodlands, Texas 77380

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

Plant: South Gould Road
Geraldton, Western Australia
AUSTRALIA

Brand Name or Grade: GMA 30/60 mesh
(cnff=#140)
GMA 80 mesh
(cnff=#140)
GMA 120 mesh
(cnff=#140)
Expires: 8/31/2016
**GMA Garnet (USA) Corporation**
1800 Hughes Land, Suite #350
The Woodlands, Texas 77380

http://www.garnetsales.com

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

**Plant:** 2200 Mt. Hwy 287
Alder, Montana

**Brand Name or Grade:**
GMX-16 mesh
GMX-36 mesh
GMX-30/60 mesh
GMX-80 mesh
(cpff=#140)

**Expires:**
8/31/2016
8/31/2016
8/31/2016
8/31/2016

---

**Gordon Sand Company**
28310 Industrial Boulevard, Suite F
Hayward, California 94545

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

**Plant:** West End of Main Street
Guadalupe, California

**Brand Name or Grade:**
Golden Flint G-16*
Golden Flint G-20*
Golden Flint G-30*

**Expires:**
8/31/2015
8/31/2015
8/31/2015

---

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

Peter McRobbie
(717) 506-2054
pmcrobbie@harsco.com

**Plant:** 2170 Plant Road
Memphis, Tennessee

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

**Expires:**
8/31/2015
8/31/2015
8/31/2015
Harsco Minerals  con’t
5000 Ritter Road, Suite 205
Mechanicsburg, Pennsylvania 17055
Peter McRobbie
(717) 506-2054
pmcrobbie@harsco.com

Plant:  5486 State Route 7 North
        Cheshire, Ohio
**Brand Name or Grade:**
Black Beauty
Expires:  8/31/2015

Plant:  600 - 800 Outer Drive
        LaCygne, Kansas
**Brand Name or Grade:**
Black Beauty – Medium
Black Beauty - Fine
Expires:  8/31/2016

International Materials & Supplies Incorporated
www.optaminerals.com
56 Industrial Park Road
Keeseville, New York 12944
Martin Caouette
(800) 252-9288
Fax: (800) 728-9649
mcaouette@optaminerals.com

Plant:  56 Industrial Park Road
        Keeseville, New York
**Brand Name or Grade:**
International Garnet 30-60
International Garnet 36
Expires:  8/31/2015

Kleen Blast Division – CanAm Minerals
www.kleenblast.com
50 Oak Court
Danville, California 94526
Fionn O’Neill
(925) 831-9800
Fax: (925) 831-9183
fionn@kleenblast.com

Plant:  2465 Carson Road
        Grand Forks, British Columbia
        CANADA
**Brand Name or Grade:**
Kleen Blast #16-30
Kleen Blast #35
Kleen Blast #30-60
Expires:  8/31/2016
Kleen Blast Division – CanAm Minerals
50 Oak Court
Danville, California 94526

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
2899 Frontenac East
Thetford Mines, Quebec G6G 6P6
CANADA

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

Brand Name or Grade: Expires:
Jetmag 30-60 8/31/2016

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

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

Brand Name or Grade: Expires:
Sharpshot 12x30 8/31/2016
Sharpshot 20x50 8/31/2016
Sharpshot 30x60 8/31/2016
Sharpshot HP 40x80 8/31/2016
(cpff=#140)
Sharpshot HP 40x120 8/31/2016
(cpff=#140)
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<th>Company</th>
<th>Website</th>
<th>Contact Information</th>
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<tr>
<td><strong>Momentum Recycling, LLC</strong></td>
<td><a href="http://www.momentumrecycling.com">www.momentumrecycling.com</a></td>
<td>John C. Lair (801) 355-0334 Fax: (801)402-7212 <a href="mailto:john@momentumrecycling.com">john@momentumrecycling.com</a></td>
</tr>
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<td>Plant: 658 S. 4050 West</td>
<td></td>
<td>Momentum 20-40 Mesh 8/31/2016</td>
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<td></td>
<td>Momentum 40-70 Mesh 8/31/2016</td>
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<tr>
<td><strong>Opta Minerals, Inc.</strong></td>
<td><a href="http://www.optaminerals.com">www.optaminerals.com</a></td>
<td>John Papaioannou (905) 689-6661x335 Fax: (905) 689-3915 <a href="mailto:johnp@optaminerals.com">johnp@optaminerals.com</a></td>
</tr>
<tr>
<td>Plant: 407 Parkside Drive</td>
<td></td>
<td>Ebony Grit 14 8/31/2015</td>
</tr>
<tr>
<td><strong>P.W. Gillibrand</strong></td>
<td></td>
<td>Elhachmi Elyakoubi (805) 520-8720x416 Fax: (805) 520-8728 <a href="mailto:lash@pwgcoinc.com">lash@pwgcoinc.com</a></td>
</tr>
<tr>
<td>Plant: 5810 Bennett Road</td>
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<td>Silver Sand #12 8/31/2016</td>
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<td>Plant: 5810 Bennett Road</td>
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<td>Silver Sand #30 8/31/2016</td>
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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: Expired:
Almandite Garnet 36 8/31/2016
Dark Red 20/30 8/31/2016
North American Garnet 8/31/2016
Red 30/40 8/31/2016
Select Garnet 8/31/2016

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: Expired:
#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: Expired:
SRI Supreme #12 8/31/2016
SRI Supreme #20 8/31/2016
SRI Supreme #30 8/31/2016
# Strategic Materials, Incorporated

2323 West 3rd Street  
Cleveland, Ohio 44113

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

---

**Plant:**  
7000 Bandini  
Commerce, California

**Brand Name or Grade:**  
Expires:

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<tr>
<td>BriteBlast Fine</td>
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<tr>
<td>Eco Blast™ Commerce (Coarse)</td>
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<tr>
<td>New Age Media® Commerce (Fine)</td>
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**Plant:**  
1932 Fairway Dr.  
San Leandro, California

**Brand Name or Grade:**  
Expires:

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<tr>
<td>New Age Media® San Leandro (Fine)</td>
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</tr>
</tbody>
</table>
**The Don Chapin Company, Incorporated**  
560 Crazy Horse Canyon  
Salinas, California 93907  

[www.donchapin.com](http://www.donchapin.com)  
Don Chapin  
(831) 449-4273  
Fax: (831) 444-4176  
dchapin@donchapin.com  

**Plant:** 2735 Bolsa Rd.  
Hollister, California  

**Brand Name or Grade:**  
Chapin Plant 25 - #16 Sand  
Chapin Plant 25 - #30 Sand  

**Expires:**  
8/31/2016  
8/31/2016  

---

**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  
csg@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:**  
8/31/2015  
8/31/2015  

---

**US Minerals, Incorporated**  
2105 North Winds Drive  
Dyer, Indiana 46311  

[www.u.s.minerals.com](http://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:**  
Black Magnum Medium  

**Expires:**  
8/31/2016  

**Plant:** 1254 70th Avenue  
Roberts, Wisconsin  

**Brand Name or Grade:**  
Black Magnum 1230  
Black Magnum 2040  

**Expires:**  
8/31/2015  
8/31/2015
US Minerals, Incorporated  
2105 North Winds Drive  
Dyer, Indiana 46311  

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

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| 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 |

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V. V. Mineral

Ittamozihi Road  
Keeraikaranthattu  
Tisaiyanvilai- 627 657  
Tamilnadu  
INDIA

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| Plant: | No.1, M.L.Theri Road  
Keeraikaranthattu  
Tisaiyanvilai-627 657  
Tirunelveli District  
Tamilnadu  
INDIA |
|---|---|
| **Brand Name or Grade:** | **Expires:**  
Garnet Abrasive Grit Grade-B (20-40 Mesh) | 8/31/2016  
Sg.Super Garnet Abrasive Grade-B (20-40 Mesh) | 8/31/2016 |

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| Plant: | No.75,K.Pudur Village  
Vallanvilai,Navalady post  
Tirunelveli District  
Tamilnadu  
INDIA |
|---|---|
| **Brand Name or Grade:** | **Expires:**  
Garnet Abrasive Grit Grade-C (30-60 Mesh) | 8/31/2016  
Sg.Super Garnet Abrasive Grade-C (30-60 Mesh) | 8/31/2016 |
**Virginia Materials, Incorporated**

3306 Peterson Street  
Norfolk, Virginia 23509

**Plant:** 3306 Peterson Street  
Norfolk, Virginia

**Brand Name or Grade:**  
Admirals Garnet  
(cpff=#100)  
Black Blast  
Green Grit Fine  
Green Grit Medium  
Green Grit Medium/Fine  
Indian Garnet

**Expires:** 8/31/2016

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**Vitro Minerals, Incorporated**

1505 General Arts Road  
Conyers, Georgia 30012

**Plant:** 95 Pinnacle Dr.  
Jackson, Tennessee

**Brand Name or Grade:**  
CoreBlast Coarse

**Expires:** 8/31/2016

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**WGI Heavy Minerals, Incorporated,**  
**an Opta Minerals Company**

P. O. Box 190  
Fernwood, Idaho 83830

**Plant:** 4 miles south of Fernwood, HWY 3 Idaho

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

**Expires:** 8/31/2015