State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER G-14-091

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
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-14-083 is superseded by this order.

Executed at Sacramento, California this 20th day of November 2014.

[Signature]
Dr. Michael T. Benjamin, Chief
Monitoring and Laboratory Division

Attachment

Exhibit A: Abrasives Certified for Permissible Dry Outdoor Blasting
EXECUTIVE ORDER G-14-091

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

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

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

**Expires:** 8/31/2016

**Arden Incorporated DBA**

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

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

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

**Expires:** 8/31/2016

www.abrasivesinc.com
JoAnn Schatz
(701) 348-3610
Fax: (701) 348-3615
marketing@abrasivesinc.com

brebuck@greendiamondsand.com
Brian Rebuck
(541) 874-3111x18
Fax: (541) 874-3113
<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Address</th>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barton GTX Medium</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton GTX Coarse</td>
<td>8/31/2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td>Address</td>
<td>Contact Person</td>
<td>Phone</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------------------------------</td>
<td>-------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Bell &amp; MacKenzie Co., Ltd.</td>
<td>500 Sherman Avenue, North</td>
<td>Richard Bell</td>
<td>(888) 794-5665</td>
</tr>
<tr>
<td></td>
<td>Hamilton, Ontario, ON, Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Brand Name or Grade:</strong></td>
<td><strong>Expires:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Black Shot II #12 Sandblast Slag Media</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Black Shot II #20 Sandblast Slag Media</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td>California Silica Products LLC</td>
<td>12808 Rancho Road, Adelanto, CA</td>
<td>Randall Humphreys</td>
<td>(909) 938-6505</td>
</tr>
<tr>
<td></td>
<td><strong>Brand Name or Grade:</strong></td>
<td><strong>Expires:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#16 Blast off Sand</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#20 Blast off Sand</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#30 Blast off Sand</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CalSilica #16</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CalSilica #20</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CalSilica #30</td>
<td>8/31/2015</td>
<td></td>
</tr>
<tr>
<td>Cemex USA</td>
<td>100 Lapis Road, Marina, CA</td>
<td>Antonio Fuentes</td>
<td>(925) 580-2790</td>
</tr>
<tr>
<td></td>
<td><strong>Brand Name or Grade:</strong></td>
<td><strong>Expires:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lapis Lustre, No. 3,</td>
<td>8/31/2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lapis Lustre, No. 1/20,</td>
<td>8/31/2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lapis Lustre, No. 1C,</td>
<td>8/31/2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lapis Lustre, No. 2/12</td>
<td>8/31/2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lapis Lustre, No. 2/16</td>
<td>8/31/2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lapis Lustre, No. 0/30</td>
<td>8/31/2016</td>
<td></td>
</tr>
</tbody>
</table>
**Disneyland Resort**  
Environmental Affairs Department  
TDA 219N  
1313 South Have Boulevard  
Anaheim, California 92802  

**Plant:** 1313 South Harbor Boulevard  
Anaheim, California  

**Brand Name or Grade:**  
CO₂ Dry Ice  

**Expires:** 8/31/2016

---

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

**Plant:** 4641 County Road 230  
Starke, Florida  

**Brand Name or Grade:**  
Starblast®  
(cpff=#200)  
Starblast® XL  
(cpff=#200)  

**Expires:** 8/31/2015

---

**Energized Substation Maintenance, Incorporated**  
Post Office Box 2345  
Apple Valley, California 92307  

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

**Brand Name or Grade:**  
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
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: Expires:
GMA 30/60 mesh 8/31/2016
(cpff=#140)
GMA 80 mesh 8/31/2016
(cpff=#140)
GMA 120 mesh 8/31/2016
(cpff=#140)

Plant: 2200 Mt. Hwy 287
Alder, Montana

Brand Name or Grade: Expires:
GMX-16 mesh 8/31/2016
GMX-36 mesh 8/31/2016
GMX-30/60 mesh 8/31/2016
GMX-80 mesh 8/31/2016
(cpff=#140)

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: Expires:
Golden Flint G-16* 8/31/2015
Golden Flint G-20* 8/31/2015
Golden Flint G-30* 8/31/2015
| 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 |

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

| 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  
Danville, California 94526

[www.kleenblast.com](http://www.kleenblast.com)

- **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
- 8/31/2016
- 8/31/2016

---

**Minerals Research & Recovery, Incorporated**

4620 South Coach Drive  
Tucson, Arizona 85714

[www.mrrinc.com](http://www.mrrinc.com)

- **Steve Mehlman**
- (520) 748-9362
- Fax: (520) 748-9364
- smehlman@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  
- Sharpshot HP 40x80  
- Sharpshot HP 40x120 (cpff=#140)

**Expires:**

- 8/31/2016
- 8/31/2016
- 8/31/2016
- 8/31/2016
- 8/31/2016
Momentum Recycling, LLC
658 S. 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 S. 4050 West
Salt Lake City, Utah

Brand Name or Grade: Expires:
Momentum 20-40 Mesh 8/31/2016
Momentum 40-70 Mesh 8/31/2016

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

www.optaminerals.com
John Papaioannou
(905) 689-6661 x335
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

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

lash@pwgcoinc.com

Plant: 5810 Bennett Road
Simi Valley, California

Brand Name or Grade: Expires:
Silver Sand #12 8/31/2016
Silver Sand #16 8/31/2016
Silver Sand #30 8/31/2016
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: Expires:
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: 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 8/31/2016
SRI Supreme #20 8/31/2016
SRI Supreme #30 8/31/2016
<table>
<thead>
<tr>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>BriteBlast Commerce (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>BriteBlast Commerce (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>BriteBlast Fine</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Eco Blast™ Commerce (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Eco Blast™ Commerce (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Eco Blast™ Commerce (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>GlassBlast Commerce (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>GlassBlast Commerce (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>GlassBlast Commerce (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Green Blast® Commerce (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Green Blast® Commerce (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Green Blast® Commerce (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>New Age Media® Commerce (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>New Age Media® Commerce (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>New Age Media® Commerce (Fine)</td>
<td>8/31/2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brand Name or Grade</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>BriteBlast San Leandro (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>BriteBlast San Leandro (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>BriteBlast Fine</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Eco Blast™ San Leandro (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Eco Blast™ San Leandro (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Eco Blast™ San Leandro (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>GlassBlast San Leandro (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>GlassBlast San Leandro (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>GlassBlast San Leandro (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Green Blast® San Leandro (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Green Blast® San Leandro (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Green Blast® San Leandro (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>New Age Media® San Leandro (Coarse)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>New Age Media® San Leandro (Medium)</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>New Age Media® San Leandro (Fine)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Company Name</td>
<td>Website</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>The Don Chapin Company, Incorporated</td>
<td><a href="http://www.donchapin.com">www.donchapin.com</a></td>
</tr>
<tr>
<td>Transworld Garnet India Pvt., Ltd</td>
<td></td>
</tr>
<tr>
<td>US Minerals, Incorporated</td>
<td><a href="http://www.u.s.minerals.com">www.u.s.minerals.com</a></td>
</tr>
</tbody>
</table>

### Chapin Plant 25 - #16 Sand
Expires: 8/31/2016

### Chapin Plant 25 - #30 Sand
Expires: 8/31/2016

### King Blast - Garnet Abrasive Grade - B (20/40)
Expires: 8/31/2015

### King Blast - Garnet Abrasive Grade - C (30/60)
Expires: 8/31/2015

### Black Magnum Medium
Expires: 8/31/2016

### Black Magnum 1230
Expires: 8/31/2015

### Black Magnum 2040
Expires: 8/31/2015
<table>
<thead>
<tr>
<th><strong>US Minerals, Incorporated</strong> con't</th>
<th><strong><a href="http://www.u.s.minerals.com">www.u.s.minerals.com</a></strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2105 North Winds Drive</td>
<td>Vincent J. Piccirilli</td>
</tr>
<tr>
<td>Dyer, Indiana 46311</td>
<td>(219) 864-0909x18</td>
</tr>
<tr>
<td></td>
<td>Fax: (219) 864-4675</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:vpiccirilli@us-minerals.com">vpiccirilli@us-minerals.com</a></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>Brand Name or Grade:</strong></th>
<th><strong>Expires:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Diamond Medium</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Black Diamond Fine</td>
<td>8/31/2015</td>
</tr>
<tr>
<td>Black Diamond X-Fine</td>
<td>8/31/2015</td>
</tr>
</tbody>
</table>

---

**V. V. Mineral**

Ittamozhi Road  
Keeraikaranthattu 00-91-4637-273302  
Tisaiyanvilai- 627 657 Fax: 00-91-4637-272802  
Tamilnadu Email: vvadmin@vvmineral.com  
INDIA

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

<table>
<thead>
<tr>
<th><strong>Brand Name or Grade:</strong></th>
<th><strong>Expires:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Garnet Abrasive Grit Grade-B (20-40 Mesh)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Sg.Super Garnet Abrasive Grade-B (20-40 Mesh)</td>
<td>8/31/2016</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>Brand Name or Grade:</strong></th>
<th><strong>Expires:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Garnet Abrasive Grit Grade-C (30-60 Mesh)</td>
<td>8/31/2016</td>
</tr>
<tr>
<td>Sg.Super Garnet Abrasive Grade-C (30-60 Mesh)</td>
<td>8/31/2016</td>
</tr>
</tbody>
</table>
Virginia Materials, Incorporated  
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  8/31/2016  
(cpff=#100)  
Black Blast  8/31/2016  
Green Grit Fine  8/31/2016  
Green Grit Medium  8/31/2015  
Green Grit Medium/Fine  8/31/2015  
Indian Garnet  8/31/2016

Vitro Minerals, Incorporated  
1505 General Arts Road  
Conyers, Georgia 30012  
www.vitrominerals.com  
Joseph Z. Keating  
(678) 729-9333  
Fax: (678) 750-0105  
keating@vitrominerals.com

Plant:  95 Pinnacle Dr.  
Jackson, Tennessee  
Brand Name or Grade:  
Expires:  
CoreBlast Coarse  8/31/2016

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