



May 2, 2024

Logan Patten, Manager  
US Calcium, LLC  
2667 E. Gala St., Suite 120  
Meridian, ID 83642

RE: Facility No. 777-00676, US Calcium LLC - 00676  
PR-2024.0018, Project 63318  
Nonmetallic Mineral Processing Plant Permit by Rule (PBR) Registration

Dear Logan Patten:

The Department of Environmental Quality (DEQ) is issuing a PBR Registration for a portable Nonmetallic Mineral Processing Plant for US Calcium LLC - 00676. The registration is for the following equipment:

**Rock Crushers and Grinding Mills<sup>1</sup>**

Crusher Classification	Type	Manufacturer	Serial No. / Equipment ID No.	Date of Manufacture <sup>3</sup>	Capacity (T/hr) <sup>2</sup>
Primary	Cone	Fab Tec	PCS 3.126.01	2003	400
Primary	Cone	Fab Tec	PCS 4.293.06	Unknown	400
Primary	Jaw	Terex Cedarapids	PC224823909	2006	400
Primary	Cone	Terex MVP 280	TRXR280CCR9E0659	2009	350
Primary	VSI	Remco 4060 ST	P-8D-4060-RDO	Unknown	380
Secondary	Jaw	Cedarapids	26091	2000	400
Secondary	Jaw	Cedarapids	50312	Unknown	400
Secondary	Cone	Terex Cedarapids	53481-PCS436308	2006	380
Tertiary	Cone	Cedarapids	53481	Unknown	400

<sup>1</sup> Per 40 CFR 60.671, Capacity means the cumulative rated capacity of all initial crushers that are part of the plant. Initial crusher means any crusher into which nonmetallic minerals can be fed without prior crushing in the plant.

<sup>2</sup> T/hr = tons per hour

<sup>3</sup> Equipment with an "unknown" date of manufacture must comply with the more stringent 40 CFR 60 Subpart OOO opacity limits.

### Screen Decks

Manufacturer	Physical Size (feet x feet)	No. of Decks	Serial No. / Equipment ID No.	Date of Manufacture <sup>1</sup>
Cedarapids	6 x 20	3	53300	2006
Cedarapids	6 x 20	3	53398	2006
Eljay	6 x 20	3	341293	1995
Eljay-Wet	6 x 20	3	1555	1995
Cedarapids	6 x 20	3	Cedarapids Screen #3	Unknown
Cedarapids	6 x 20	3	Cedarapids Screen #4	Unknown
Eljay	6 x 20	3	620397538	2006
Masaba	6 x 20	3	62032006229	2006
Masaba	6 x 20	3	2010192	2010
Stutervant	10 x 10	1	2354	Unknown
Cedarapids	54 x 12	1	C247027	Unknown

<sup>1</sup> Equipment with an "unknown" date of manufacture must comply with the more stringent 40 CFR 60 Subpart OOO opacity limits.

### Electrical Generators

Manufacturer	Rated Output (kW)	Fuel Type
Caterpillar 1826 – Primary	932	#2 Fuel Oil
Caterpillar 1826 - Auxiliary	725	#2 Fuel Oil

This Permit by Rule registration is effective immediately. We recommend that you maintain a copy of this letter at all sites where the registered equipment is being operated or stored.

Please be advised that the equipment operation, monitoring, and recordkeeping for this portable rock crushing equipment must comply at all times with the Rules for the Control of Nonmetallic Mineral Processing Plants in accordance with IDAPA 58.01.01.790 through 802 and the applicable portions of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. A copy of IDAPA 58.01.01.790 through 802 is attached. The text for 40 CFR 60 Subpart OOO may be viewed at [www.ecfr.gov](http://www.ecfr.gov) (browse to Title 40, Part 60.670 - 676). A description of the portable rock crusher PBR program and links to PBR guidance and forms for registration, relocation, and operations monitoring are provided on DEQ's website at <http://www.deq.idaho.gov>. Equipment without a known date of manufacture must comply with the more stringent 40 CFR 60 Subpart OOO opacity limits.

EPA has amended 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants for affected facilities which commence construction, modification, or reconstruction on or after April 22, 2008. These amendments include additional testing and monitoring, and changes to definitions and various other clarifications. You must be in compliance with the applicable portions of 40 CFR 60 Subpart OOO, including the requirement to conduct opacity testing on any new, modified, or reconstructed equipment within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup.

In order to fully understand the compliance requirements of this Permit by Rule and the requirements of 40 CFR 60 Subpart OOO, DEQ highly recommends that you schedule a meeting with Bobby Dye, Regional Air Quality Manager, at (208) 736-2190 to review and discuss the

terms and conditions of this Permit by Rule. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

### **Other Air Quality Requirements**

You are required to submit a portable equipment relocation form showing the initial location of the facility and an additional form each time the plant is moved to a new site of operations or into storage. DEQ requires that this form be submitted at least ten days prior to relocating the equipment. A copy of the form is enclosed for your convenience. You are also required to log the hours of operation for any electrical generator used, log all fugitive dust complaints, and log all triggers that initiate fugitive dust control. A copy of each of those forms is also enclosed. If you have questions regarding this Permit by Rule process, please contact Zach Pierce (208) 373-0502 or zach.pierce@deq.idaho.gov.

Sincerely,



Mike Simon  
Stationary Source Bureau Chief  
Air Quality Division

Enclosures