

**NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET**

Changed to 7770552-001-AG

**Facility Identification Number - If known** (seven digit number)

— **1030552-001**

**Registration Type**

Check one:

**INITIAL REGISTRATION** - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

**RE-REGISTRATION** (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

**Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable**

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

Not Applicable

**General Facility Information**

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Angelo's Aggregate Materials, LLC

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

St. Petersburg Plant

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: 855 28th ST S

City: St. Petersburg

County: Pinellas

Zip Code: 33712

Facility Start-Up Date (Estimated start-up date of proposed **new** facility.)(N/A for existing facility.)

3/15/13

**Facility Contact**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Neiro De Rubeis, Project Manager

Facility Contact Telephone Numbers

Telephone: 727-612-9256

Fax: none

Cell phone: Same

E-mail: Nderubeis@angelosrm.com

Facility Contact Mailing Address

Organization/Firm: Angelo's Aggregate Materials, LLC

Mailing Address: 855 28th ST S

City: St. Petersburg

County: Pinellas

Zip Code: 33717

**Correspondence Contact/Representative (to serve as additional Department contact)**

Name and Position Title

Print Name and Title: John Arnold, P.E., Project Manager

Correspondence Contact/Representative Telephone Numbers

Telephone: 352-339-1408

Fax: none

Cell phone: same

E-mail: john.phillip.arnold@gmail.com

Correspondence Contact/Representative Mailing Address

Organization/Firm: Angelo's Aggregate Materials, LLC

Mailing Address: 41111 Enterprise Road

City: Dade City

County: Pasco

Zip Code: 33525

**Government Facility Code (check only one)**

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

**Type of Facility**

Check one:

Stationary Facility                       Relocatable Facility

**Type(s) of Precautions Used to Prevent Unconfined Emissions**

Check all that apply for the management of roads, parking areas, stock piles and yards:

Maintain Roads/Parking/Yards       Use Water Application       Use Dust Suppressant  
 Remove Particulate Matter       Reduce Stock Pile Height       Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

Feeders                                           Entrance to "Crusher"                       Exit of "Crusher"  
 Classifier Screens                           Conveyor Drop Points

**Emission Unit Details**

COMPONENT DESCRIPTION (e.g. primary, secondary crusher, screener, conveyor, RICE* engine and fuel type, etc.)	MANUFACTURER	DATE OF MANUFACTURE	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY (tons/hr, hp)	SUBJECT TO 40 CFR, PART 60, SUBPART 000 (Yes or No)**
Primary Crusher	Hazemag Impact Crusher	2005	APSE-1315/QL	HU 1948	200 ton/hr, 200hp	Y
Main Coveyor	Self Constructed	2012	NA	NA	200 ton/hr, 20hp	Y
3 Deck Screen	Power Screen	2007	Horizon 6203	12500091	200 ton/hr, 174hp	Y
Stacking Conveyor 1	Self Constructed	2012	NA	NA	100ton/hr, 20hp	Y
Stacking Conveyor 2	Self Constructed	2012	NA	NA	100 ton/hr, 20hp	Y
Stacking Conveyor 3	Self Constructed	2012	NA	NA	100 ton/hr, 20hp	Y

\*RICE: Reciprocating Internal Combustion Engine

\*\*NMMP Facilities subject to Subpart 000:

Stationary sand and gravel plants with a machine (or a maximum) rated capacity greater than 150 tons per hour

Portable sand and gravel plants with a machine (or a maximum) rated capacity greater than 25 tons per hour

Clay and pumice plants with a machine (or a maximum) rated capacity greater than 10 tons per hour

### Description of Facility

Below, or as an attachment to this worksheet, provide a description of the nonmetallic mineral processing plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

The plant is a Hazemag primary impact crusher able to produce 200 tons per hour. Water is sprayed at the loading hopper on the impact crusher to minimize dust. Crushed material drops to the underlying conveyor where there is a second spray point. The materials is conveyed to a screen for sizing. The screened material drops to the one of 3 stacking conveyors for distribution. The yard areas around the stacked piles is spray irrigated with the use of an on-site truck.

### Helpful Definitions:

**"Capacity"** – Per 40 CFR 60.671, the cumulative rated capacity of all initial crushers that are part of the plant.

**"Department" or "DEP"** - The State of Florida Department of Environmental Protection.

**"Emissions Unit"** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**"Facility"** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**"Owner" or "Operator"** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

**"Nonmetallic Mineral Processing Plant"** – Per 40 CFR 60.671, any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants or any other facility processing nonmetallic minerals except as provided in 40 CFR §60.670 (b) and (c).

**"Relocatable Facility"** - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.

**"Screening Operation"** – Per 40 CFR 60.671, a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series and retaining oversize material on the mesh surfaces (screens). Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

**"Size"** – Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

**"Unconfined Emissions"** - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.