Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Mosaic Fertilizer, LLC **Permit No.:** 1050059-069-AV
New Wales Facility

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities:

GENERAL FACILITY-WIDE

abrasive cleaning - indoors
agricultural related activities
air compressors
air conditioners
air vents in compressed air systems
ammonia bullets, pipeline, pop off valves, flanges, truck/rail unloading, flares and chillers
asbestos, waste and haz-waste removal
automatic oil/lube systems for mechanical equipment and fueling operations
automotive, tractor, locomotives and their repair shops
blueprint copiers
building ventilation systems
caustic tanks/vents
closed containers of maintenance chemicals
cold cleaning degreasers (containing heavier than air solvents)
construction/repair of office, storage and residential units
containers, reservoirs, wax and grease
containers and tanks for oils
cooling towers (no heavy metals used as antiscalants or algaecides)
degassifiers/dearators
diesel pump motors
drain vents
drinking water treatment area and wastewater treatment plant
ducts, chutes, equipment maintenance
dumpsters, other miscellaneous waste collection and handling
electric substation/electric yard
electric-powered vehicles
electrical charging systems
electrically heated equipment for heat treating, drying, annealing, etc.
equipment cleaning, including steam cleaning

equipment for bonding brake shoes
equipment of hydraulic or hydrostatic testing
fire training exercises
food preparation, handling, consumption
fresh water tanks/vents
fuel tanks and dispensors
hand held equipment
handling of baghouse materials
hydroblasting
instrument air systems/vents
laboratories (quality control, analytical, metallurgical)
landscaping and farm equipment
lime silo with baghouse
lime tanks/vents
liming station
liquid sampling systems
maintenance of facilities
maintenance of grounds
maintenance shops
mechanical drives/gearboxes
metal shops
minor fugitive leaks from process equipment
mobile equipment fueling operations (diesel/gasoline)
mobile sources, including internal combustion engines, pumps, compressors, generators, welding , etc.
neutralization tanks/vents
non process mineral spirits use
open containers in use
painting /coating of equipment, tanks and structures (less than 6 gallons per day)
portable kerosene space heaters
pressure/steam relief valves
process water treatment and management systems
pump seals
purchased non-listed chemical tanks/vents (no HAP or VOC content)
railroad flares
railcar/truck/tanker unloading
raw material, reclaim/recycle material and product transfer and storage tanks
reclaimed mined areas
reclaimed water tank vents
refrigeration systems
safety devices
safety kleen solvent cleaners
sandblasters, welding equipment, compressors, wood shop, metal shop
service of air pollution control devices
space heaters
steam vents/leaks
storage facilities for packaged materials
storage tanks and dispensers
sulfuric acid tanks/vents

sweeping and general cleanup
temporary use of compressors, generators, water pumps with internal combustion engines
transfer of materials on covered belt systems
transformer vault/building
vacuum cleaning systems
valves and flanges (no HAP or VOC content)
washing and cleaning equipment
waste preparation for disposal (in closed drums or other containers, spill cleanup)
wastewater plants, water treatment area
water pumps
water treatment aeration
water treatment chemical tanks/totes/drums
wet limestone transfer, handling, storage
woodworking shops

GRANULATION
choke feeder, covered conveyors, screening tower
chutes, conveyor and hopper
coating oil tanks
cooling tower, slurry pump, scrubber sump
covered conveyor, surge bin, product screens, chute to truck/railcar
material conveyors, elevators and screens
oil coating application systems
pond water sumps
product recovery units
raw material, reclaim material and product storage tanks, bins and buildings
scrubber seal tanks
seal oil tanks

MOLTEN SULFUR HANDLING
molten sulfur storage tank fires
sulfur spill cleanup

PHOSPHATE ROCK HANDLING
railcar unloading and unloading pit
rock and feed hoppers, conveyors
train/truck unloading, hoppers, conveyors, wet rock stacking on pile
wet rock grinding
wet rock pile, stacking and transfer

SULFURIC ACID PRODUCTION
auxiliary power diesel generators
auxiliary power generator diesel tank
cooling towers
economizers
hot water reuse tank
process and product storage tanks
sulfuric acid tanker truck/rail loading/unloading
water reuse, uncontaminated water storage, condensate tanks for evaporators

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SHIPPING UNITS

#1 Fertilizer Rail/Truck Shipping with the application of a dust suppressant at all times.
Fertilizer Truck Loadout No. 2 with the application of a dust suppressant at all times.
Fertilizer Truck Loadout No. 3 with the application of a dust suppressant at all times.
Fertilizer Rail Loadout No. 2 with the application of a dust suppressant at all times.
Fertilizer Rail Loadout No. 3 with the application of a dust suppressant at all times.