

**A.P.Green Industries, Inc.**

0640000001 P001, P002, P003, P017, P019, P020, P021, P022, P023

**SYNTHETIC MINOR DETERMINATION**

**Source Description :** A.P.Green Industries, Emission Units P001, Clay Crushing and Grinding; P002, Cone Crusher and Screening ; P003, Clay and Sand Dryer; P017, Ball Mill Grinding; P019, Extruded Plastic Line; P020, Dry Castable Line; and P021, Specialty Batching were all constructed prior to 1972 and PTI's were not required. Emission Unit P022, Greenset Mortars was installed in 1986 under PTI # 06-1735. The Jade Plastic Line, P023, was installed in 1987 under PTI #06-1837. These emission units generate particulate emissions exclusively.

**Facility Emission Attainment Status :** A.P.Green Industries , Inc., located in Jackson County , has the potential to emit (PTE) more than 100 TPY particulate -the Title V threshold limit. A.P.Green has requested that production and operational restrictions be imposed on the above-identified emissions units to reduce the facility's PTE to 95.87 TPY, and will not exceed Title V threshold value. Jackson County is designated as attainment status for particulate.

**Source Emissions :** The facility's potential emission ( based on current allowable rates at 8760 hours per year ) are over 500 TPY, which trigger Title V permitting requirements. A.P.Green Industries has requested restrictions be incorporated into their operating permits which will reduce their potential particulate emissions to less than 100 TPY and thereby avoid Title V permitting requirements. The affected permits to operate will contain terms and conditions to limit A.P.Green Industries to 95.87 TPY total particulate emissions over a rolling 12-month period and require recording of the total monthly and calculated rolling 12-month production (tons of material processed) and recording of the total monthly and rolling 12-month hours of operation per emissions unit.

**Conclusion ;** The terms and conditions in the permits to operate will limit A.P.Green Industries to 95.87 TPY total particulate emissions over a rolling 12-month period. The terms and conditions contained in the permits to operate have short term restrictions for lb/hr allowable emissions, total hours operated and tons of material processed. The terms and conditions for long-term restrictions are TPY allowable emissions, total rolling 12-month period of hours operated and total rolling 12-month period of tons of material processed, so the permits will be federally enforceable once issued.

A.P.Green Industries shall maintain a monthly log of total tons of raw material processed, total tons of finished material packaged, total tons difference between the raw material and finished product, and the total hours of operation per emission unit for each month and each consecutive 12-month period.

Semiannual reports will be required to assure compliance. The facility's particulate emissions will be less than the Title V - 100 TPY requirement and, therefore, will not be subject to Title V

permitting requirements.

rev 12/00