

## **PROJECT SUMMARY**

### **I. Introduction**

A construction permit application has been voluntarily submitted by Armstrong World Industries Inc, to modify the existing commercial floor tile production line 5. The line 5 will be modify to expand the line from single to double width tile production. The construction permit will have emission limits and operating parameters, which would prevent the facility from triggering the federal rules of Prevention of Significant Deterioration(PSD), 40 CFR 52.21. The proposed limits would be accompanied by recordkeeping and reporting requirements.

### **II. Source Description**

Armstrong World Industries Inc is located in Kankakee Illinois, Kankakee County. This area is classified as attainment for all criteria pollutants. The source produces commercial and residential floor tile from raw materials consisting of limestone, vinyl, and plasticizer.

### **III. Emissions**

Emissions limits from the modified equipment will be established to ensure that the source does not trigger the requirements of the federal rules of Prevention of Significant Deterioration(PSD), in particular this construction permit limits the source's emissions increase to less than major modification threshold for purpose of PSD(i.e. less than 15 tons/year for particulate matter and less than 40 tons/year for volatile organic material).

### **IV. Applicable Emission Standards**

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. The Board has standards for sources for all criteria pollutants This site readily complies with all applicable Board standards.

### **V. Proposed Permit**

The conditions of the proposed permit contain limitations and requirements to assure that this facility will be operated so as to not violate Attainment Prevention of Significant Deterioration. The permit sets limitations on all criteria pollutants.

The permit conditions also establish appropriate compliance procedures, including recordkeeping requirements, and reporting requirements. The Permittee must carry out

these procedures on an on-going basis to demonstrate that the facility is operating within the limitations set by the permit and are properly controlling emissions.

## **VI. Request for Comments**

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a permit with federally enforceable limits for this operation.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.