

manufacturing source categories, we exercised flexibility in minimizing impacts on small entities through subcategorization of tunnel kilns by size, which still benefits the environment by requiring greater emissions reductions from the larger kilns. In addition, for the BSCP manufacturing source category, we contacted the small entities estimated to incur impacts in excess of 1 percent of sales to explain the rule's regulatory approach, as well as a potential alternative to installing an APCD. Facilities with existing tunnel kilns operating at or near 10 tph could accept a permit condition that restricts kiln production to less than 10 tph and, therefore, places the kiln in the subcategory unaffected by the standards for existing kilns.

For purposes of assessing the impact of today's action on small entities, small entities are defined as: (1) A small business according to Small Business Administration (SBA) size standards; (2) a small governmental jurisdiction that is a government of a city, county, town, school district or special district with a population of less than 50,000; and (3) a small organization that is any not-for-profit enterprise which is independently owned and operated and is not dominant in its field. The following two sections provide descriptions of the small business assessments for the two categories of sources addressed by today's action.

1. Brick and Structural Clay Products (BSCP) Manufacturing

Small Business Administration size standards for BSCP manufacturing, by NAICS code, are shown in Table 2 of this preamble.

TABLE 2.—SMALL BUSINESS SIZE STANDARDS FOR BSCP MANUFACTURING

NAICS code	Size standard, number of employees
327121	500
327122	500
327123	500
327125	750
327993	750

We have determined that 76 of the 89 companies owning BSCP manufacturing facilities are small businesses. Although small businesses represent 86 percent of the companies within the source category, they are expected to incur about 21 percent of the total industry engineering compliance costs of \$24 million. Additionally, 61 of the 76 small

businesses will incur no costs. Under the final rule, we estimate that three small firms in this source category may experience an impact less than 1 percent of sales, nine small firms in this source category may experience an impact between 1 percent and 3 percent of sales, and 3 small businesses (or 20 percent) may experience an impact greater than 3 percent of sales.

We also conducted an economic impact analysis that accounted for firm behavior to provide an estimate of the facility and market impacts of the proposed rule. The analysis projected that of the 189 facilities in this source category, two facilities are at risk of closure. Neither of these facilities is owned by a small business. The median compliance cost is below 1 percent of sales for both small and large firms affected by the proposed rule (0.0 and 0.1 percent for small and large firms, respectively).

Fifteen new BSCP manufacturing sources are projected to be constructed during the five years after promulgation of the rule. Industry compliance costs associated with these sources are anticipated to be less than 0.6 percent of the BSCP manufacturing industry's value of shipments. According to the new source economic impact analysis, three to six of these new sources may be delayed in coming on-line due to the compliance costs they would face. We cannot determine with certainty whether these new sources will be built by large or small companies. Regardless, impacts at the company level are not expected to be significant for a substantial number of small entities.

2. Clay Ceramics Manufacturing

Small Business Administration size standards for clay ceramics manufacturing, by NAICS code, are shown in Table 3 of this preamble.

TABLE 3.—SMALL BUSINESS SIZE STANDARDS FOR CLAY CERAMICS MANUFACTURING

NAICS code	Size standard, number of employees
326191	500
327111	750
327112	500
327122	500
327123	500
327125	750
335121	500
421220	100
421320	100

The EPA identified 13 of the 29 companies owning clay ceramics

manufacturing facilities as small businesses. Because the clay ceramics manufacturing final rule does not include emissions limits for existing kilns and includes only a work practice standard that requires that existing kilns are fired with natural gas, a firm's existing kilns will be minimally impacted by the final rule. One new sanitaryware manufacturing source is projected to be constructed in the first five years following promulgation of the rule. Industry compliance costs associated with this source are expected to be less than 0.1 percent of industry value of shipments for the sanitaryware industry segments. No level of cost-to-sales for the new sanitaryware manufacturing source could be developed due to the diversity of product types produced. Thus, new clay ceramics manufacturing sources are expected to face positive compliance costs; however, we cannot determine with certainty whether these sources will be built by large or small companies. Regardless, impacts at the company level are not expected to be significant for a substantial number of small entities.

D. Unfunded Mandates Reform Act

Title II of the Unfunded Mandates Reform Act of 1995 (UMRA), Pub. L. 104-4, establishes requirements for Federal agencies to assess the effects of their regulatory actions on State, local, and tribal governments and the private sector. Under section 202 of the UMRA, the EPA generally must prepare a written statement, including a cost-benefit analysis, for proposed and final rules with "Federal mandates" that may result in expenditures by State, local, and tribal governments, in the aggregate, or by the private sector, of \$100 million or more in any 1 year. Before promulgating an EPA rule for which a written statement is needed, section 205 of the UMRA generally requires EPA to identify and consider a reasonable number of regulatory alternatives and adopt the least costly, most cost-effective, or least burdensome alternative that achieves the objectives of the rule. The provisions of section 205 do not apply when they are inconsistent with applicable law. Moreover, section 205 allows EPA to adopt an alternative other than the least costly, most cost-effective, or least burdensome alternative if the Administrator publishes with the final rule an explanation why that alternative was not adopted. Before EPA establishes any regulatory requirements that may significantly or uniquely affect small governments, including tribal governments, it must have developed,