

## MATERIAL SPECIFICATION

### **531. PORTLAND CEMENT**

#### 1. SCOPE

This specification covers the quality of portland cement.

#### 2. QUALITY

Portland cement shall conform to the requirements of ASTM Specification C 150 for the specific types of cement. When Type I portland cement is specified, Type IS portland blast-furnace slag cement or Type IP portland-pozzolan cement conforming to the requirements of ASTM Specification C 595 may be used unless prohibited by the specifications.

When air-entraining cement is required, the Contractor shall furnish the manufacturers written statement providing the source, amount and brand name of the air-entraining component.

#### 3. STORAGE AT THE CONSTRUCTION SITE

Cement shall be stored and protected at all times from weather, dampness or other destructive elements. Cement that is partially hydrated or otherwise damaged will not be accepted.