

**KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION TO THE  
STANDARD SPECIFICATIONS, EDITION 2007**

**SECTION 2001**

**PORTLAND CEMENT AND BLENDED HYDRAULIC CEMENT**

**Page 2000-1, subsection 2001.2a. Delete the second paragraph and replace with the following:**

Utilize Type I, IP(x), IS(x), IT(Ax)(By), II(MH), or III cement as allowed in **section 401**. The “x” and “y” in the previous sentence equals the targeted percentage of pozzolan or slag in the product expressed as a whole number by mass of final blended product. Likewise, “A” and “B” are either “S” for slag cement or “P” for pozzolan with “A” being the larger material by mass and “B” the smaller.

**Page 2000-1, subsection 2001.2b. Delete this subsection and replace with the following:**

**b. Portland Cement.** Provide Type I, Type II(MH), and Type III portland cement that comply with all applicable requirements (including the optional chemical and physical requirements, annexes, and appendices) of AASHTO M 85, except as modified by the following:

(1) The time of setting may be determined by use of the Gillmore needles method (AASHTO T 154), or the Vicat needle method (AASHTO T 131). Identify which method is being used on the report. The KDOT will test using the Gillmore method.

(2) Optimized SO<sub>3</sub> – Provide supporting expansion data whenever SO<sub>3</sub> results exceed the requirements stated in AASHTO M 85, Table 1.

(3) If processing additions are used, report the percentage, composition, and the source of the additions in writing to the KDOT.

(4) Heat of hydration requirements as stated in AASHTO M 85, Table 4 will not be enforced.

**Page 2000-1, subsection 2001.2c. Delete the first sentence and replace with the following:**

**c. Blended Hydraulic Cement.** Supply blended hydraulic cements Type IP(x), Type IS(x), and Type IT(Ax)(By) that comply with AASHTO M 240 except as modified by the following:

**Page 2000-2, subsection 2001.2c.(4). Delete the first sentence and replace with the following:**

(4) The equivalent alkalis, as defined in Table 2 of AASHTO M 85, may not exceed 1.5% in any application.

**Page 2000-3, subsection 2001.4b.(2). Delete this paragraph and replace with the following:**

(2) Submit monthly quality control reports for all prequalified cement Types within 2 weeks after completion of testing. Include supporting expansion data whenever SO<sub>3</sub> results exceed the requirements stated in AASHTO M 85, Table 1. Also include a summary of the amount, composition, and source of all processing additions used for each type of cement manufactured during the month. If none were used, report that fact also.

**Page 2000-3, subsection 2001.5b., second paragraph. Delete this paragraph and replace with the following:**

If a processing addition is used in the manufacture of the cement, include the following as a part of the certification statement:

**A processing addition, consisting of \_\_\_% of \_\_\_\_\_ and complying with the requirements of AASHTO M 85, has been used in the manufacture of this cement.**