

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 2015 EDITION**

SECTION 1102

AGGREGATES FOR CONCRETE NOT PLACED ON GRADE

Page 1100-6, subsection 1102.2b.(2)(a). Delete TABLE 1102-3 and replace with the following:

| TABLE 1102-3: ALLOWABLE GRADING FOR MIXED AGGREGATES FOR CONCRETE | | | | | | | | | | | | | |
|--|---------------------------------|---|------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| Type | Usage | Percent Retained - Square Mesh Sieves | | | | | | | | | | | |
| | | 1½" | 1" | ¾" | ½" | ⅜" | No. 4 | No. 8 | No. 16 | No. 30 | No. 50 | No. 100 | No. 200 |
| MA-3 | Optimized All Concrete | | 0 | 2-12 | Note ¹ | Note ¹ | Note ¹ | Note ¹ | Note ² | Note ² | Note ² | 95-100 ³ | 98-100 ⁴ |
| MA-4 | Optimized All Concrete | 0 | 2-12 | Note ¹ | Note ² | Note ² | Note ² | 95-100 ³ | 98-100 ⁴ |
| MA-5 | Optimized Drilled Shafts | | 0 | 2-12 | 8 min | 22-34 | | 55-65 | | 75 min | | 95-100 | 98-100 |
| MA-6 | Optimized for Bridge Overlays | | 0 | 0 | 2-12 | Note ¹ | Note ¹ | Note ¹ | Note ² | Note ² | Note ² | 95-100 ³ | 98-100 ⁴ |
| MA-7 | Contractor Design KDOT Approved | Proposed Grading that does not correspond to other limits in this table but meet the requirements for concrete in DIVISION 400 . | | | | | | | | | | | 98-100 |

¹ Retain a maximum of 22% (24% for MA-6) and a minimum of 6% of the material on each individual sieve.
² Retain a maximum of 15% and a minimum of 6% of the material on each individual sieve.
³ Retain a maximum of 7% on the No. 100 sieve
⁴ Retain a maximum of 2% on the No. 200 sieve

Page 1100-6, subsection 1102.2b.(2)(b). In the numbered list, delete the last sentence under 4. and replace with the following:

For each additional 1 lb of cement per cubic yard, subtract 2.5/94 from the Target Workability.

Page 1100-7, subsection 1102.2c.(2). Delete TABLE 1102-4 and replace with the following:

| TABLE 1102-4: ALLOWABLE GRADING FOR COARSE AGGREGATES | | | | | | | | | |
|--|-----------------------------------|---------------------------------------|------|-------|------|-------|--------|--------|---------|
| Type | Composition | Percent Retained - Square Mesh Sieves | | | | | | | |
| | | 1½" | 1" | ¾" | ½" | ⅜" | No. 4 | No. 8 | No. 200 |
| SCA-1 | Siliceous Gravel or Crushed Stone | 0 | 0-10 | 14-35 | - | 50-75 | - | 95-100 | 98-100 |
| SCA-2 | Siliceous Gravel or Crushed Stone | | | 0 | 0-35 | 30-70 | 75-100 | 95-100 | 98-100 |
| SCA-4 | Siliceous Gravel or Crushed Stone | | 0 | 0-20 | | | | 95-100 | 98-100 |

Page 1100-8, subsection 1102.2e.(3)(a). Delete TABLE 1102-6 and replace with the following:

| TABLE 1102-6: GRADING REQUIREMENTS FOR FINE AGGREGATES FOR CONCRETE | | | | | | | | |
|--|--|--------------|--------------|---------------|---------------|---------------|----------------|----------------|
| Type | Percent Retained-Square Mesh Sieves | | | | | | | |
| | $\frac{3}{8}$" | No. 4 | No. 8 | No. 16 | No. 30 | No. 50 | No. 100 | No. 200 |
| FA-A | 0 | 0-10 | 0-27 | 15-55 | 40-77 | 70-93 | 90-100 | 98-100 |
| FA-C | 0 | 0 | 25-70 | 95-100 | 98-100 | 98-100 | 98-100 | 98-100 |

05-12-15 C&M (KHL)
Jul-15 Letting