



Oklahoma Department of Transportation Mix Design Report

Asphalt Concrete, Type S3 (PG 76-28 OK) Mat'l. Code: asco007

(Material Full Name and Material Code)

MPC Materials P/S # m00906

(Producer/Supplier Name and Producer/Supplier Code)

MPC Materials - Markwell (Newcastle) PLANT ID # m00906-01

(Plant Name and Plant ID)

Binder - Recycled ID: B2

(Design Type and Design Type ID)

S3pv0261200700

(Mix ID)

Table listing Aggregate and Producer/Supplier with columns for aggregate type, supplier, and percentage used.

Asphalt Cement: Asphaltic Cement Type PG 76-28 OK, acem001, Valero (Ardmore, OK), m00352

(Material Full Name, Material Code, Producer/Supplier Name, Producer/Supplier Code)

Main sieve analysis table with columns for Sieve Size, Producer/Supplier, and percentage passing. Includes a 'Requires Form 93-E0' callout box.

Mix temperature @ discharge from mixer: 325 (163) ± 20 °F (± 10 °C)
Optimum roadway compaction temperature: 305 (152)
Laboratory mixing temperature: 325 (163)
Laboratory compaction temperature: 300 (149)

Tests on Asphalt Cement table with columns for test name and found values.

Requires Form 93-E0 signed by the Department for production use. -Oklahoma D.O.T. Materials-

Tests on Compressed Mixtures (@ Design AC) table with columns for density and required values.

Tests on Aggregates table with columns for test name, required values, and units.

Tests on Compressed Mixtures table with columns for density, VMA, and VFA.

ITS (PSI) and Dust Prop. table with columns for values and requirements.

Hamburg Rut Test Depth (mm) 2.26 12.50 max. @ 20,000 cycles

MEETS SPECIFICATION REQUIREMENTS PER SPECIAL PROVISION 708-26(a-f) 09

Comments:

Last Modified By: Schratwieser, Edward P. eschrato

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