



Oklahoma Department of Transportation Mix Design Report

Asphalt Concrete, Type S4 (PG 64-22 OK) Mat'l. Code: asco012

Insoluble ID: I1

(Material Full Name and Material Code)

(Design Type and Design Type ID)

Glover & Associates Inc. P/S # m00745

S4pv0261700300

(Producer/Supplier Name and Producer/Supplier Code)

(Mix ID)

Glover & Assoc. Asphalt Co. (Muskogee) PLANT ID # m00745-03

(Plant Name and Plant ID)

Table with columns: Aggregate, Producer/Supplier, % USED. Rows include #67 Rock, 3/8" Chips, Man. Sand, Scrns., Sand, and Asphalt Cement.

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

Sieve Analysis Table with columns: Sieve Size, #67 Rock, 3/8" Chips, Man. Sand, Scrns., Sand, Comb. Agg., JMF, Min., Max., % Tol. (±).

Mix temperature @ discharge from mixer: 305 (152) ± 20 °F (± 10 °C)
Optimum roadway compaction temperature: 290 (143)
Laboratory mixing temperature: 325 (163)
Laboratory compaction temperature: 300 (149)

Tests on Asphalt Cement Found table with Specific Gravity @ 77 ° F: 1.0100

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Tests on Compressed Mixtures (@ Design AC) table with columns: # Gyr., % Density of Gmm, % Density Required.

Tests on Aggregates table with columns: Tests on Aggregates, Required, Units. Includes Durability Index, F.A.A. %U, etc.

Tests on Compressed Mixtures table with columns: %AC, Gmb, Gmm, % Density of Gmm, % Density Required, % VMA, % VMA Required, % VFA, % VFA Required.

Dust Prop. table with columns: Dust Prop., Dust Prop. Req., ITS (PSI), TSR, Compacted Wt. (lbs/sy/1" thick) = 106.1 @ 5.8 % Asphalt Cement.

Hamburg Rut Test Depth (mm) 1.80 12.50 max. @ 10,000 cycles
MEETS SPECIFICATION REQUIREMENTS PER SPECIAL PROVISION 708-26(a-f) 09

Comments:
Last Modified By: Williams, Bobby Ray bwilli01 Date: 4/14/2017
(User Name and User ID) (mm/dd/yyyy)