



Oklahoma Department of Transportation Mix Design Report

Asphalt Concrete, Type S4 (PG 70-28 OK) Mat'l. Code: asco011

(Material Full Name and Material Code)

Insoluble ID: I1

(Design Type and Design Type ID)

T. J. Campbell P/S # m00570

(Producer/Supplier Name and Producer/Supplier Code)

S4pv0261600300

(Mix ID)

T. J. Campbell (South OKC, OK) - 350TPH PLANT ID # m00570-02

(Plant Name and Plant ID)

Table with columns: Aggregate, Producer/Supplier, % USED. Rows include 5/8" Chips, 3/8" Chips, Scrns., Man. Sand, Sand, and Asphalt Cement details.

Table with columns: Sieve Size, Producer/Supplier, and various aggregate percentages. Includes a note: 'Requires Form 93-E0 signed by the Department for production use. -Oklahoma D.O.T. Materials-'

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

Tests on Asphalt Cement Found 1.0100

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: # Gyr., % Density of Gmm, % Density Required

Tests on Aggregates table with columns: Required, Units. Rows include Durability Index, F.A.A. %U, Flat and Elongated, etc.

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

Dust Prop. table with columns: Dust Prop., Dust Prop. Req.

ITS (PSI) 134.6 N/A min.
TSR 0.80 0.80 / 0.75 min. (Design / Field)
Compacted Wt. (lbs/sy/1" thick) = 109.6 @ 4.9 % Asphalt Cement

Hamburg Rut Test Depth (mm) 1.74 12.50 max. @ 15,000 cycles

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

Comments:

Last Modified By: Schratwieser, Edward P. eschratw (User Name and User ID)

Date: 2/4/2016 (mm/dd/yyyy)