



Oklahoma Department of Transportation Mix Design Report

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

(Material Full Name and Material Code)

Overland Corp P/S # m00433 (Producer/Supplier Name and Producer/Supplier Code)

Overland Corp #Astec-4 (Portable) - 400TPH PLANT ID # m00433-05

(Plant Name and Plant ID)

Insoluble - Recycled ID: I2 (Design Type and Design Type ID)

S4pv0261800800 (Mix ID)

Table with 3 columns: Aggregate, Producer/Supplier, % USED. Lists materials like 5/8" Chips, 1/2" Chips, Man. Sand, etc.

Asphalt Cement:

Asphaltic Cement Type PG 64-22 OK, acem003, Valero (Ardmore, OK), m00352

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

Large sieve analysis table with columns for Sieve Size, Producer/Supplier, and various aggregate percentages. Includes a 'Requires Form 93-E0' note.

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

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

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

Tests on Aggregates table with columns: Tests on Aggregates, Required, Units. Lists tests like Contabro, Durability Index, etc.

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

Dust Prop. table and ITS (PSI), TSR, Compacted Wt. (lbs/sy/1" thick) = 109.8 @ 5.0 % Asphalt Cement

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

Comments:

Last Modified By: Smith, Jerry D. jsmith (User Name and User ID)

Date: 10/1/2018 (mm/dd/yyyy)