



Oklahoma Department of Transportation Mix Design Report

Asphalt Concrete, RIL (PG 76-28 E) Mat'l. Code: asco043

Binder ID: B1
(Design Type and Design Type ID)

T & G Const Co P/S # m00566

Rlc00931800100

(Producer/Supplier Name and Producer/Supplier Code)

(Mix ID)

T & G Const Co #P2 (Portable-Porter Hill) - 400TPH PLANT ID # m00566-02
(Plant Name and Plant ID)

Table with 3 columns: Aggregate, Producer/Supplier, % USED. Lists materials like 3/8" Chips, Scrn.s., C-33 Scrn.s., and Sand (Unlisted Source) with their respective suppliers and usage percentages.

Asphalt Cement: Asphaltic Cement Type PG 76-28 E, acem008, Lion Oil (Muskogee, OK), m00332
(Material Full Name, Material Code, Producer/Supplier Name, Producer/Supplier Code)

Main sieve analysis table with columns for Sieve Size, Producer/Supplier, Sieve type (3/8" Chips, Scrn.s., C-33 Scrn.s., Sand), and various test results like Comb. Agg., JMF, Min., Max., Tol. Includes a blue box 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

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Tests on Compressed Mixtures (@ Design AC) table with columns # Gyr., % Density of Gmm, % Density Required. Shows Ndes value of 50 and 97.0.

Tests on Aggregates table with columns Test, Required, Units. Lists Durability Index, F.A.A. %U, Flat and Elongated, Fractured Faces, Insoluble Residue, etc.

Tests on Compressed Mixtures table with columns %AC, Gmb, Gmm, % Density Required, % VMA, % VMA Required, % VFA. Includes Dust Prop. and ITS (PSI) values.

Hamburg Rut Test Depth (mm) 12.11 12.50 max. @ 20,000 cycles

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

Comments: Similar to Rlc0591300100 (Plant ID Change)

Last Modified By: McComack, Hunter J. hmccomac

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