



Professional Service Industries, Inc.
Three Burwood Lane
San Antonio, TX 78216
Texas Firm Registration No. F-03307
Phone: (210) 342-9377
Fax: (210) 342-9401

Report No: ADR:03113664-185

Issue No: 1

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.

Approved Signatory: Ernesto Gomez (Project Manager)
Date of Issue: 4/21/2023

Asphalt Nuclear Density Report

Client: ASHTON WOODS
17319 SAN PEDRO, SUITE 140
SAN ANTONIO, TX 78232

CC: COLBY OLGETREE

Project: JUNGMAN UNIT 1
SAN ANTONIO, TX

Testing Details

Tested By:	Colten Ruff	Date Tested:	4/13/2023
Specification:	Texas Materials Port SA-C PG70-22 (PMC1604RM)	Gauge Make:	Troxler/4640B
Method of Measurement:	Backscatter	Gauge Model:	4640-B
Density Standard Count:	3757	Gauge Serial:	2464
MLD Method:	External	Calibration Date:	3/8/2023
Weather:	Sunny	Calibration Source:	Psi - Pittsburgh

Test Results

ASTM D 2950

Test No	Location	Supplier	Mix Type	Material Type	Layer Thickness (in)	Count Rate	MLD (lb/ft ³)	In Situ Density (lb/ft ³)	Comp (%)	Limit (%)	Results
General Location: Hennersby Dr in Jungman Unit 1											
1	Hennersby Dr, 500 Ft E from Sycamore Dr(lane # 3)	Texas Materials	Type C HMAC (COSA Item 205)	Surface	2.0	1 min.	153.40	147.50	96.2	92.0 to 97.0	A
2	Hennersby Dr, 400 Ft E from Sycamore Dr(lane # 3)	Texas Materials	Type C HMAC (COSA Item 205)	Surface	2.0	1 min.	153.40	143.00	93.2	92.0 to 97.0	A
3	Hennersby Dr, 50 Ft E from Sycamore Dr(lane # 2)	Texas Materials	Type C HMAC (COSA Item 205)	Surface	2.0	1 min.	153.40	143.70	93.7	92.0 to 97.0	A
4	Hennersby Dr, 100 Ft W from Sycamore Dr(lane # 3)	Texas Materials	Type C HMAC (COSA Item 205)	Surface	2.0	1 min.	153.40	147.60	96.2	92.0 to 97.0	A
5	Hennersby Dr, 200 Ft W from Sycamore Dr(lane # 2)	Texas Materials	Type C HMAC (COSA Item 205)	Surface	2.0	1 min.	153.40	144.80	94.4	92.0 to 97.0	A
6	Hennersby Dr, 600 Ft W from Sycamore Dr(lane # 2)	Texas Materials	Type C HMAC (COSA Item 205)	Surface	2.0	1 min.	153.40	145.30	94.7	92.0 to 97.0	A



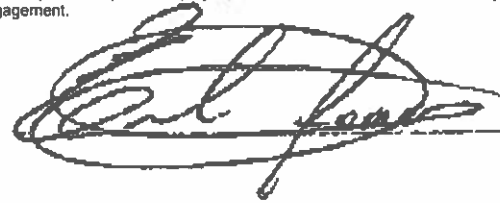
Comments

Avg. MLD used from Report #03113664-185A7 & 185A8, Lab #23-265 & 23-266

Legend

A = TEST RESULTS COMPLY WITH SPECIFICATION

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.



Approved Signatory: Ernesto Gomez (Project Manager)
Date of Issue: 4/21/2023

Asphalt Test Report

Client: ASHTON WOODS
17319 SAN PEDRO, SUITE 140
SAN ANTONIO, TX 78232

CC: COLBY OLGETREE

Project: JUNGMAN UNIT 1
SAN ANTONIO, TX

Sample Details

Sample ID: 03113664-185-A7
Client Sample ID: Lab #23-065
Date Sampled: 04/13/23
Sampled By: Colten Ruff
Specification: Texas Materials Port SA-C PG70-22 (PMC1604RM)
Supplier: Texas Materials
Source: Port of San Antonio
Material: Type C HMA (COSA Item 205)
Sampling Method: TEX-222F (Sect. 4.2) Stockpiles at Plant
General Location: Texas Materials
Location: Ports of SA Plant, 0-500 ton sample

Other Test Results

Description	Method	Result	Limits
Average Density (%)	Tex-207-F	95.3	95.0 to 97.0
Average Actual SG		2.347	
Average Air Voids (%)		4.7	
Average VMA (%)		15.4	
Date Tested		4/19/2023	
Rice Specific Gravity	Tex-227-F	2.463	
Date Tested		4/19/2023	
Asphalt Content (%)	Tex-236-F	4.7	4.7 to 5.3
Date Tested		4/19/2023	

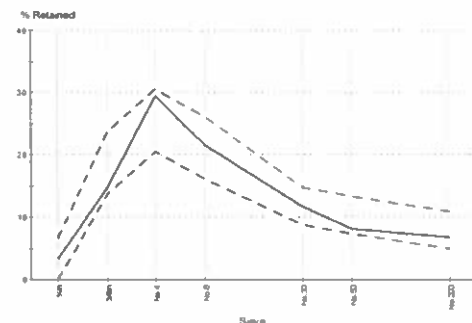



Particle Size Distribution

Method: Tex-200-F
Drying By: Oven
Date Tested: 4/19/2023
Tested By: Colten Ruff

Sieve Size	% Retained	Limits
3/4in (19.0mm)	3.3	0 to 6.7
3/8in (9.5mm)	14.8	13.7 to 23.7
No.4 (4.75mm)	29.5	20.6 to 30.6
No.8 (2.36mm)	21.6	16.2 to 26.2
No.30 (600µm)	11.7	8.8 to 14.8
No.50 (300µm)	8.2	7.4 to 13.4
No.200 (75µm)	6.8	4.9 to 10.9
Finer No.200 (75µm)	4.2	2.0 to 4.7

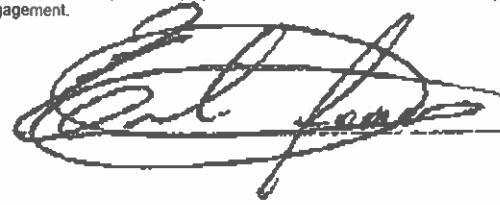
Chart



Comments

N/A

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.



Approved Signatory: Ernesto Gomez (Project Manager)
Date of Issue: 4/21/2023

Asphalt Test Report

Client: ASHTON WOODS
17319 SAN PEDRO, SUITE 140
SAN ANTONIO, TX 78232

CC: COLBY OLGETREE

Project: JUNGMAN UNIT 1
SAN ANTONIO, TX

Sample Details

Sample ID: 03113664-185-A8
Client Sample ID: Lab #23-066
Date Sampled: 04/13/23
Sampled By: Colten Ruff
Specification: Texas Materials Port SA-C PG70-22 (PMC1604RM)
Supplier: Texas Materials
Source: Port of San Antonio
Material: Type C HMA (COSA Item 205)
Sampling Method: TEX-222F (Sect. 4.2) Stockpiles at Plant
General Location: Texas Materials
Location: Port of SA Plant, 500-1000 ton sample

Other Test Results

Description	Method	Result	Limits
Average Density (%)	Tex-207-F	95.5	95.0 to 97.0
Average Actual SG		2.350	
Average Air Voids (%)		4.5	
Average VMA (%)		15.4	
Date Tested		4/19/2023	
Rice Specific Gravity	Tex-227-F	2.461	
Date Tested		4/19/2023	
Asphalt Content (%)	Tex-236-F	4.8	4.7 to 5.3
Date Tested		4/19/2023	

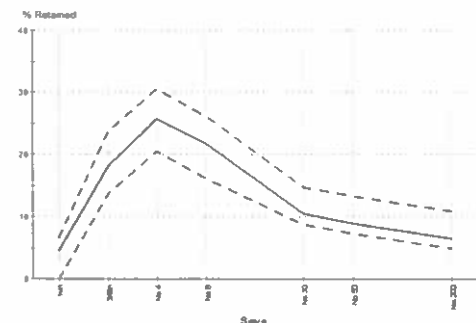



Particle Size Distribution

Method: Tex-200-F
Drying By: Oven
Date Tested: 4/19/2023
Tested By: Colten Ruff

Sieve Size	% Retained	Limits
3/4in (19.0mm)	4.6	0 to 6.7
3/8in (9.5mm)	18.2	13.7 to 23.7
No.4 (4.75mm)	25.8	20.6 to 30.6
No.8 (2.36mm)	21.7	16.2 to 26.2
No.30 (600µm)	10.5	8.8 to 14.8
No.50 (300µm)	9.0	7.4 to 13.4
No.200 (75µm)	6.5	4.9 to 10.9
Finer No.200 (75µm)	3.8	2.0 to 4.7

Chart



Comments

N/A