

# Daily Summary Report

Date Friday, November 1, 2024

Sample Id	Plant	Product	Specification	Sample Type	Time
-1989646354	Hoover	6AA LS	6AA LS	QA	17:09
-1989640320	Hoover	1051 26A Mod LS	26A Mod LS Spec	QA	17:11
-1989657285	Hoover	1022 ZNS GR	ZNS GR Spec	QA	17:12
2" (50mm)					100.0
1 1/2" (37.5mm)					100.0
1" (25mm)					97.2
3/4" (19mm)					75.4
1/2" (12.5mm)					31.5
3/8" (9.5mm)					15.0
#4 (4.75mm)					2.5
#8 (2.36mm)					1.9
#16 (1.18mm)					1.8
#30 (.6mm)					1.7
#50 (.3mm)					1.6
#100 (.15mm)					1.6
#200 (75µm)					1.42
Pan					0.00
FM					2.80
Wash Loss (#200/75µm)					1.3
Total Moisture					2.75
					2.72
					4.07

# Aggregate Optimization Chart

# Production Gradation Report

**PLANT #:** p11

Sample Date: 10/28/24 through 11/4/2024 Concrete Grade: **S2M, 3500HP**

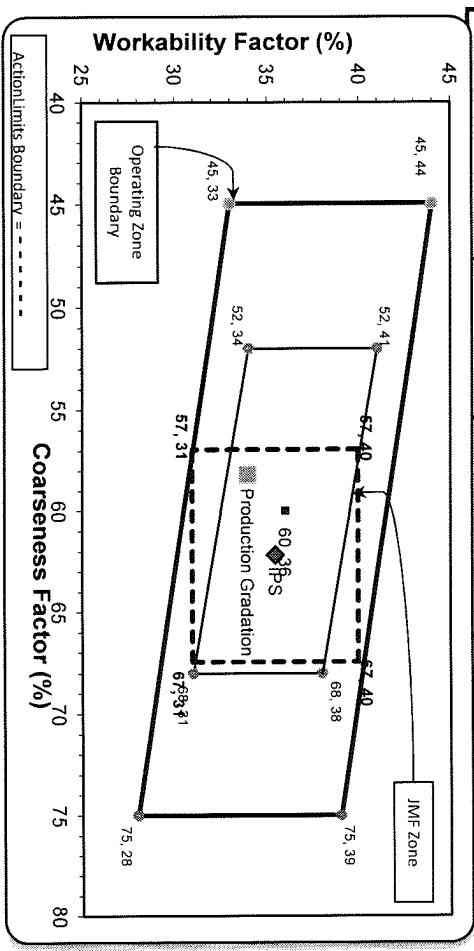
Contractor: \_\_\_\_\_  
 MDTOT No.: \_\_\_\_\_

Agg. Class	Pit #	Source	Weight (ssd)	ft <sup>3</sup>	Specific Gravity	Cumulative Contribution %
6AA	71-47	Presque Isle	1570	9.60	2.62	51.5
26A	71-47	Presque Isle	250	1.53	2.62	8.2
2NS	63-115	Ray Rd	1230	7.44	2.65	40.3
		<b>Total Wt</b>	<b>3050</b>	<b>18.57</b>		<b>100.0</b>

Sieve	6AA	26A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	100.0	100.0	100.0	0.0	0.0
1.5"	100.0	100.0	100.0	100.0	0.0	0.0
1"	97.3	100.0	100.0	98.6	1.4	1.4
3/4"	85.1	100.0	100.0	92.3	6.3	7.7
1/2"	50.4	94.3	100.0	74.0	18.3	26.0
3/8"	28.5	80.1	100.0	61.6	12.4	38.4
#4	5.0	18.5	94.8	42.3	19.2	57.7
#8	3.0	5.7	79.2	34.0	8.4	66.0
#16	2.6	3.6	65.1	27.9	6.1	72.1
#30	2.5	3.2	50.5	21.9	6.0	78.1
#50	2.4	3.0	27.8	12.7	9.2	87.3
#100	2.3	2.8	7.3	4.4	8.3	95.6
LBW	2.0	2.5	1.4	1.8	2.6	98.2

Production Gradation  Batch Plant Gradations  Aggregate Supplier Gradations

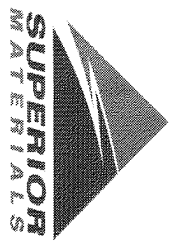
Coarseness Factor: **58** Workability Factor: **34**



Initial Production Sample (IPS)

Sieve	Coarseness Factor:	Workability Factor:	Cumulative % Passing	% Retained	Cumulative % Retained
2"	62	35	100.0	0.0	0.0
1.5"			100.0	0.0	0.0
1"			100.0	0.0	0.0
3/4"			94.0	6.0	6.0
1/2"			70.2	23.7	29.8
3/8"			59.9	10.4	40.1
#4			42.7	17.2	57.3
#8			35.5	7.2	64.5
#16			28.4	7.0	71.6
#30			19.2	9.2	80.8
#50			8.9	10.3	91.1
#100			3.1	5.9	96.9
LBW			1.4	1.7	98.6

**Superior Materials, LLC**  
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\*Maximum % Retained must be above the 3/8" sieve.  
 \*Any two adjacent sieves must equal 10% except max.  
 nom. max. #100 and #200 sieves.  
 \*% Retained must be at least 4% for each sieve except max.  
 nom. max. #100 and #200 sieves.  
 \*% Retained must be at least 4% for the 3/4" sieve when  
 a 1.5" max. size (nom. Max. 1.0") aggregate is used.

PREPARED BY:  
 SM, LLC Technical Service

Approved By: \_\_\_\_\_

# Daily Summary Report

Date Tuesday, October 29, 2024

Sample Id	Product	Specification	Sample Type	Time	100.0	100.0	100.0	100.0
-674953239	Onsite Jefferson 1022 ZNS GR	ZNS GR Spec	QA	09:42	100.0	100.0	100.0	100.0
-1989631595	Onsite Jefferson 7919 COARSE AGG P1M LS	Coarse Agg P1M LS Target	QA	10:34	100.0	100.0	100.0	100.0
-674926902	Onsite Jefferson 1051 6AA LS	Intermed Agg P1M LS Target	QA	11:44	100.0	100.0	100.0	100.0
-674968915	Onsite Jefferson 7920 INTERMED AGG P1M LS	26A Mod LS Spec	QA	13:54	100.0	100.0	100.0	100.0
-674910439	Onsite Jefferson 1067 26A Mod LS		QA	13:56	100.0	100.0	100.0	100.0
					100.0	100.0	100.0	100.0
					45.3	97.3	100.0	100.0
					8.6	85.1	99.6	100.0
					2.5	50.4	79.3	94.3
					1.9	28.5	50.9	80.1
					1.7	5.0	9.1	18.5
					1.6	3.0	3.4	5.7
					1.6	2.6	2.5	3.6
					65.1	2.6	2.5	3.2
					50.5	2.5	2.3	3.0
					27.8	2.4	2.2	2.8
					7.3	2.3	2.1	2.7
					1.7	2.10	1.9	2.7
					0.0	0.00	0.0	0.0
					2.75			
					1.7			
					1.4			
					4.2			
					1.1			
					1.1			
					2.0			
					3.3			
					1.8			
					2.7			
					2.5			
					2.5			
					2.5			