

ASPHALT MIX DESIGN - SPM 18-16192A (TL-N/A)

Owning Company Halley Engineering Contractors, Inc.

Type Mix FC-5 Intended Use Of Mix Friction

Design Traffic Level NA Gyrations @ Ndes N/A

Product	Description	Name	Production Facility	Plant/Mine	Terminal
C45	S1A Stone		Cemex, Inc. - Aggregate Division	87090	
C58	S1B Stone		Cemex, Inc. - Aggregate Division	87090	
C59	S1B Stone		Cemex, Inc. - Aggregate Division	87090	
F21	Screenings	Screenings	Cemex, Inc. - Aggregate Division	87090	

PERCENTAGE BY WEIGHT TOTAL AGGREGATE PASSING SIEVES

Blend		64%	21%	10%	5%				JOB MIX FORMULA	CONTROL POINTS	PRIMARY CONTROL SIEVE
Product		C45	C58	C59	F21						
SIEVE SIZE	3/4"19.0mm	100	100	100	100				100	100 -	
	1/2"12.5mm	99	100	100	100				99	85 - 100	
	3/8"9.5mm	45	99	100	100				65	55 - 75	
	No. 44.75mm	1	57	73	100				25	15 - 25	
	No. 82.36mm	1	15	12	93				10	5 - 10	
	No. 161.18mm	1	3	3	68				7		
	No. 30600µm	1	2	1	47				6		
	No. 50300µm	1	2	1	29				5		
	No. 100150µm	1	2	1	9				4		
	No. 20075µm	0.7	1.4	0.6	2.1				3.8	2 - 4	
	G _{sb}	2.353	2.360	2.378	2.471				2.363		

The mix properties of the Job Mix Formula have been conditionally verified, pending successful final verification during production at the assigned plant, the mix design is approved subject to F.D.O.T. specifications. JMF reflects aggregate changes expected during production.

Total Binder Content 7.3 %

Ignition Oven Corr. Factor 0.25

(+ To Be Added)/(- To Be Subtracted)

Gmm Corr. Factor _____

Mixing Temp. 320 °F

(Plant)

Compaction Temp. 315 °F

(Roadway)

Spread Rate @ 1" 96 lb/yd²

Gmb @ Ndes _____

Gmm _____

Va _____

VMA _____

VFA _____

P-200/Pbe _____

Effective Date 4/11/2018Expiration Date 4/11/2021**AAC**
PZ18-12000037
10/06/2020

Binder from Recycled Materials	<u>0.00</u>	%
PG 76-22 (PMA) to be added	<u>7.30</u>	%
MINERAL FIBERS to be added		

Additives

Fibers 0.40 %

Anti-strip to be added. See APL for dosage rate.

AAC

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