



**TEXAS DEPARTMENT OF TRANSPORTATION  
BAR LINEAR SHRINKAGE  
Tex-107-E**

**To:** Gulf States Materials, Inc.  
555 Sens Road  
La Porte, Texas 77575-1425  
**Attn:** Don Brandon P.E.

**Date:** 10/20/2012  
**Report No.:** 12-C-0452-0001 **Page 1 of 1**  
**Project:** Item 247 Material Acceptance Testing

SAMPLE ID:	12-175	SAMPLED DATE:	10/9/2012
TEST NUMBER:	1	LETTING DATE:	N/A
SAMPLE STATUS:	COMPLETE	CONTROLLING CSJ:	N/A
COUNTY:	Harris	SPEC YEAR:	2004
SAMPLED BY:	Jason Lay	SPEC ITEM:	247
SAMPLE LOCATION:	Gulf States Materials, Inc	SPECIAL PROVISION:	247-033
MATERIAL CODE:	N/A	MIX TYPE / GRADE:	N/A
MATERIAL NAME:	Calcium Sulfate Base Material (GS-100)		
PRODUCER:	Gulf States Materials, Inc		
AREA ENGINEER:	N/A	PROJECT MANAGER:	N/A

COURSE\LIFT:	N/A	STATION:	N/A	DIST. FROM CL:	N/A
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**Bar Linear Shrinkage - Tex-107-E**

Unit	Initial Length (Inch)	Final Length (Inch)	Linear Shrinkage
Inches	5.00	4.95	1.0

Calculate Plasticity Index from Bar Linear Shrinkage?	<b>Yes</b>
Plasticity Index Calculated from Linear Shrinkage:	<b>1.6</b>

Remarks:

**Certification: SB-101 Certification No. 281**

Test Method:	Tested By:	Tested Date:	
TX107	Michael Melendez	10/20/2012	
Test Stamp Code:	Omit Test:	Completed Date: Reviewed By:	
Locked By:	TxDOT:	District:	Area:
Authorized By:			

HTS, Inc. Consultants



Firm Reg. No. F-3478