

# 2024 AGG101 PROFICIENCY INSTRUCTIONS



DUE DATE: **November 1, 2024**



## AGG101 Certified Specialists

This sample is for the 2024 Statewide Soils and Aggregates Proficiency Program. The AGG101 Certified Specialist, to whom this sample is addressed, needs to receive it promptly so they can proceed with testing. The Proficiency consists of **two tests**.

**IMPORTANT NOTE:** Soils and Aggregates Proficiency must be run independently by each AGG101 Specialist. All tests must be performed according to the applicable test procedures. Participation in the Proficiency Program is **mandatory**. Failure to participate will result in inactive certification.

### Tex-200-F, Part I, Dry Sieve Analysis (based on weight)

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1. Use the entire sample provided.
2. Use the following sieves: 1", 3/4", 1/2", 3/8", No 4, No 8, No 30, No 50, No 200.
3. Use Site Manager form tx200.xlsm.

### TEX-107-E, Determining the Bar Linear Shrinkage of Soils

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1. Use the soil binder material provided.
2. Use the Site Manager form Tx107.xlsm.

Access Site Manager forms to calculate test results at the following website:

<https://www.txdot.gov/inside-txdot/forms-publications/consultants-contractors/forms/site-manager.html>.

Submit and upload test results by **November 1, 2024**, at [www.txhmac.org](http://www.txhmac.org).

Contact the HMAC at (512) 312-2099 if you have trouble logging in or submitting your results.

## 2024 AGG101 PROFICIENCY WORKSHEET

This worksheet will be used to hand calculate your 2024 Soils and Aggregate Proficiency results. Keep this worksheet until you have received the final proficiency report.

Submit and upload results by **November 1, 2024**, at [www.txhmac.org](http://www.txhmac.org).

<b>CERTIFIED SPECIALIST</b>	
<b>CERTIFICATION #</b>	
<b>DATE:</b>	

### TEX-200-F, SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES (PART I)

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Initial Dry Weight (0.1 g):			
Sieve Size	Individual weight retained (0.1g)	Cumulative weight retained (0.1g)	Cumulative % retained (nearest 0.1%)
1"			
3/4"			
1/2"			
3/8"			
#4			
#8			
#30			
#50			
#200			
-#200			
Final Dry Weight (0.1g):			

### TEX-107-E, DETERMINING THE BAR LINEAR SHRINKAGE OF SOILS

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Length of Wet Soil Bar	
Length of Dry Soil Bar	
Linear Shrinkage (whole %)	