



Florida Department of TRANSPORTATION



Sampling Testing and Reporting Guide (STRG)

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Introduction

The Sampling, Testing and Reporting Guide (STRG) in MAC is a summary of the MAC Spec entries. There are many MAC Specs and these are complex entries. Some MAC Specs do not apply to project acceptance, like those created for entering and tracking program samples. Some are for the review and approval of asphalt or concrete mix designs. Others are created for the State Materials Office sampling and testing for research purposes.

Because of the number of MAC Specs and the complexity of each entry, the STRG is not available in a hard copy report format. Even with filters, the resources needed to generate an STRG report are too taxing on the application and resources. For this reason, users are restricted to an online version of the STRG.

Most users will benefit more from the Job Guide Schedule (JGS) which reports the entries from the STRG that apply to a specific Financial Project Id. The online STRG is available for review purposes. These instructions describe how to generate the online STRG.

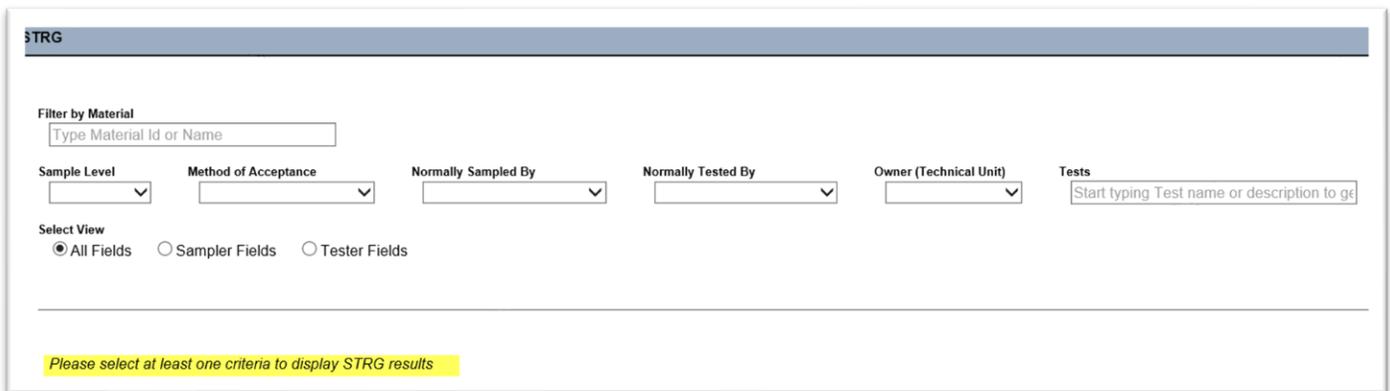
Chapter 1 – Sampling Testing and Reporting Guide (STRG) Online Viewing

To view the online STRG data, you must have access to MAC and have roles assigned. Any role assigned in MAC will allow a user to review the STRG. Some system roles provide the user with more options. For example, a user with the SMO Technical unit role will be able to see draft and older versions. Users with company roles will only be able to see the current official entries.



1. From the MAC Menu, select the STRG/JGS menu option.
2. Select the STRG sub menu option.

The STRG screen will appear.

A screenshot of a web application interface for searching STRG data. At the top, there is a header bar with the text 'STRG'. Below the header, there is a search area with several filters. The first filter is 'Filter by Material' with a text input field containing 'Type Material Id or Name'. Below this are several dropdown menus: 'Sample Level', 'Method of Acceptance', 'Normally Sampled By', 'Normally Tested By', and 'Owner (Technical Unit)'. To the right of these is a 'Tests' search field with the placeholder text 'Start typing Test name or description to get'. Below the filters, there is a 'Select View' section with three radio buttons: 'All Fields' (which is selected), 'Sampler Fields', and 'Tester Fields'. At the bottom of the search area, there is a yellow highlighted box with the text 'Please select at least one criteria to display STRG results'.

The online STRG will not retrieve the entire STRG dataset. This takes too long. The user is required to provide at least one search criteria to initiate the search. One or more search criteria can be used. The more search criteria provided, the more refined (shorter) the search and returned results will be. Some search criteria that may be useful:

- MAC Material; for example, 334 - Superpave Asphalt Concrete
- Sample Level
 - QC
 - VT
- Owner – the SMO Technical Unit responsible for maintaining the MAC Spec entry
- Tests – finds all the MAC Specs with a specific test definition
 - You need at least 3 characters from the test identifier or description

3. Enter a single search criteria to begin.

As soon as one search criteria is supplied, the system will begin the search. The screen will appear gray until the results are returned.

The system will return all entries meeting the single search criteria.

Spec Authority	Owner	Spec Instructions	Sample Level	Method of Acceptance	Category	Sample Purpose	Normally Sampled By	Sample Size	Sample Instructions	Qualified Sampler Required	Qualification Areas	Initial Frequency	Initial Frequency Unit	Standard Frequency	Standard Frequency Unit	Standard Frequency Allowed	Reduced Frequency	Reduced Frequency Allowed	Reduced Frequency	Reduced Frequency Unit
1	Ebluminous	IV	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1	1	4,000	Ton(x)	No					FM 1-T 166 Gr Official
1	Ebluminous	IV	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1	1	4,000	Ton(x)	No					FM 1-T 209 M [Version 3 - OF
1	Ebluminous	IV	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1	1	4,000	Ton(x)	No					FM 5-563 Asph Oven [Version
1	Ebluminous	IV	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1	1	4,000	Ton(x)	No					FM 1-T 166 Gr Official
1	Ebluminous	IV	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1	1	4,000	Ton(x)	No					Asphalt Volum
7	Ebluminous	IVC	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1					No				FM 1-T 630 Su [Version 2 - OF
1	Ebluminous	IVC	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1					No				FM 1-T 166 Gr Official
1	Ebluminous	IVC	Testing	Sampling And Testing	QC Personnel	QC Personnel				Yes	QG959187 - ASPHALT PLANT TECHNICIAN - LEVEL 1					No				FM 1-T 209 M [Version 3 - OF

It will display the first 250 results of the number of results returned. In this example, it is the first 250 of 320 results.

4. To see the next 70 results, select Show Next 70. If there are more than 250 results remaining, repeat until the number of results you wish to see is visible.

Filter by Material: 334 - Superpave Asphalt Concrete

Category: [Dropdown]

Sample Level: PCS [Dropdown]

Method of Acceptance: [Dropdown]

Normally Sampled By: [Dropdown]

Normally Tested By: [Dropdown]

Owner (Technical Unit): [Dropdown]

Tests: [Text Input: Start typing Test name or description to go]

Select View: All Fields Sampler Fields Tester Fields

Clear Criteria

Spec Authority	Owner	Spec Instructions	Sample Level	Method of Acceptance	Category	Sample Purpose	Normally Sampled By	Sample Size	Sample Instructions	Qualified Sampler Required	Qualification
334 - Superpave Asphalt Concrete, Supplemental Specification, 01/2009, v1.6											
1	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1
2	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1
3	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1
4	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1
5	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1
334 - Superpave Asphalt Concrete, Supplemental Specification, 07/2010, v2.4											
6	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1
7	Bituminous	PCS	Sampling And Testing	QC Personnel			Yes	QC Personnel		Yes	QQ060107 - ASPHALT TECHNICIAN - LEVEL 1

Showing 1 to 7 of 7

5. In some cases, the results returned may still be too large. When the search criteria returns the results, use additional criteria to reduce the returns, if desired; for example, sample level.

Select View

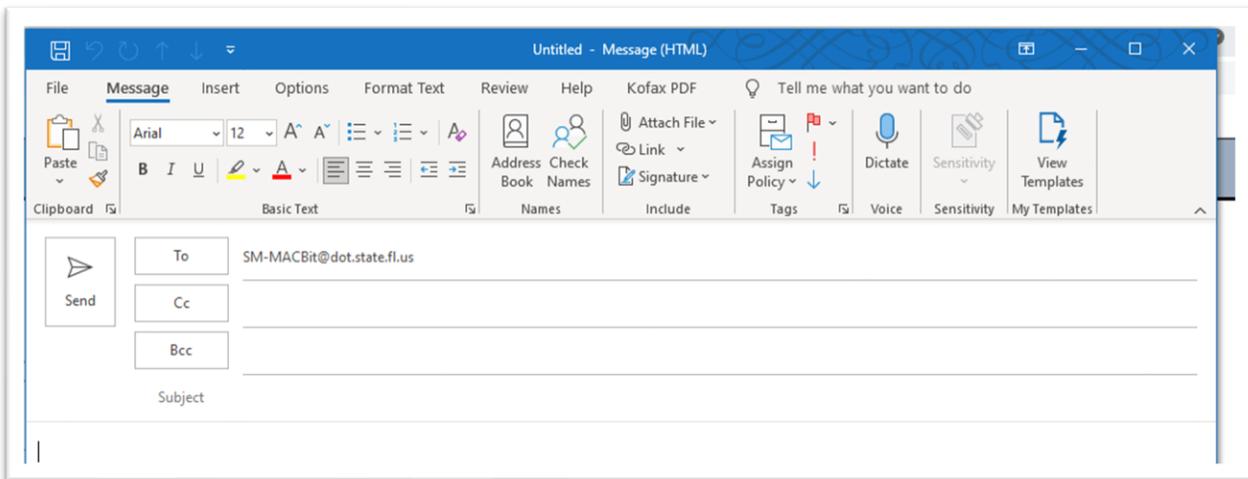
All Fields Sampler Fields Tester Fields

6. You may also filter to show only fields related to sampling or fields related to testing.
- All fields will show both sampling and testing fields.
 - Sampler Fields will show only fields related to sampling requirements. Some example sampler fields are:
 - Normally sampled by – who usually takes the sample
 - If a qualified sampler is required and what qualification area the sampler must hold
 - Sample size, sample frequency, etc.
 - Tester Fields will show only fields related to testing requirements. Some example tester fields are:
 - Normally tested by – who usually tests the sample
 - If a qualified tester is required and what qualification area the sampler must hold
 - Test size (in some cases)
 - If a qualified lab is required
 - If the test is required or not

The results are intended to be viewed on screen only. The search may be repeated as many times for as many search criteria as desired. The online STRG review is intended to be a supplement to the JGS process. For example, if you are a user who is required to create and maintain a non-standard JGS, you may need to see a specific material STRG requirements to determine if you need to add the material to your non-standard JGS entry.

Spec Authority	Owner	Spec Instructions	Sample Level	Method of Acceptance
334 - Superpave Asphalt Concrete, Supplemental Specification, 01/2009, v1.6				
1	Bituminous		PCS	Sampling And Testing
2	Bituminous		PCS	Sampling And Testing

7. If, after performing and STRG search, you still have questions, contact the Owner of the MAC Spec by clicking on the hot link under the Owner header. This will create an email to the SMO Technical Unit that is responsible for the STRG MAC Spec in the retrieved entry results.



Complete the email with your subject and question. A contact from that technical unit will respond.