



Rolling Straightedge Results Questions and Answers

May 20, 2021

Question 1. I performed a rolling straightedge test in conjunction with the Laser Profile test. Does that data need to go into MAC?

Answer: If rolling straightedge is performed in addition to the Laser Profile and the rolling straightedge is performed in case of Laser Profile failures, the results may or may not need to be entered into MAC. There are a few scenarios. Each one is addressed below:

- If RSE is run before Laser Profiler & the Contractor wishes to use the RSE data later to resolve Laser Profiler identified areas, then...
 - RSE data is considered acceptance data (QC) & must be entered into MAC
 - Areas that must be resolved per 330-9.5 are:
 - Areas that fail RSE requirements (>3/16"), even if the areas haven't been identified by the Laser Profiler
 - Areas identified by the Laser that also fail RSE
- If RSE is run before Laser Profiler for contractor process control (PC) purposes only, then...
 - Pre-Laser Profiler RSE data is NOT acceptance data & shall not be entered into MAC
 - The pre-Laser Profiler RSE data CANNOT be used to resolve Laser Profiler identified areas
 - QC will have to run official RSE tests after the Laser Profiler identifies areas
 - Areas that must be resolved per 330-9.5 are:
 - Areas identified by the Laser Profiler that also fail the RSE tests that were run after the Laser Profiler
- If contractor runs RSE after Laser Profiler identifies areas to check with RSE, then...
 - RSE data is acceptance data & must be entered into MAC
 - Areas that must be resolved per 330-9.5 are:
 - Areas identified by the Laser Profiler that also fail RSE

Question 2: Am I required to fill out the Rolling Straightedge form (675-060-10) and enter the data into MAC? Isn't that double entry?

Answer: No, you do not have to fill out the form any more. This **IS** considered double entry. The FDOT Forms and Procedures website has been updated with a note on the form stating the current form can be used for convenience of recording QC data results, but is not required to be used. MAC, as the system of record, replaces the requirement for the form to be completed and signed by all parties. The Verification technician's sample or Witnessed By TIN takes the place of the VT's signature on the form. I

Question 3: The original data has deficiencies with highs and lows? The highs have been milled and the lows removed and replaced. What is needed to resolve the original deficiencies?

Answer: You need to make corrections and retest the area(s) with the deficiencies. The retest needs to show that the deficiencies, both highs and lows, have been addressed and no new deficiencies have been found.