2026 Traffic Paint Proficiency Samples 77 (A) and 78 (B)
Sample Instructions

Closing Date: December 24, 2026

General Information:

Treat each sample as you would treat a typical sample brought into the laboratory. Any special handling or preparation instructions are included below. Conduct tests on each of the two samples in accordance with the instructions below. Report the results of a single determination only, not the average of two or more unless specified in the test method or instructions.

The instructions and data sheet may direct laboratories to report the results to an extra decimal place beyond what is required by a test method. This extra level of precision improves the quality of the statistical analysis by giving us more detailed data for evaluation.

To permit an estimate of single-operator precision, the same operator should conduct an individual test on both samples. It is not necessary that the same person conduct all the tests in the sample round.

Leave the appropriate spaces on the data sheet blank for any tests you choose not to perform.

Requirements for AASHTO Accredited Laboratories:

AASHTO accredited laboratories are required to perform every test included in an AASHTO re:source Proficiency Sample Program sample round that is also listed in each laboratory's AASHTO Accreditation scope.

AASHTO Accreditation Policy on PSP Participation

The tests that are not listed in the laboratory's accreditation scope may also be performed, but testing is not required, and the AASHTO Accreditation Program (AAP) will not evaluate the ratings.

Sample Information:

The outside of the box is labeled samples 77 (A) and 78 (B). The cans inside the box are labeled only (A) or (B). The can labeled (A) is sample 77. The can labeled (B) is sample 78.

Test Methods:

Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer, ASTM D562-10: Determine the load required to produce a rotational frequency of 200 r/min at 25°C and report this load to the nearest g (or to the nearest 5 g when using Procedure B of Method A). Report the consistency at 25°C to the nearest KU.

Density of Liquid Coatings, Inks, and Related Products, ASTM D1475-13: Determine the density of the paint in lb/gal at 25°C and report the density to the nearest 0.001 lb/gal.

Pigment Content of Water-Emulsion Paints by Low-Temperature Ashing, ASTM D3723-22: Determine the percent pigment by weight of paint and report to the nearest 0.01 %.

Volatile Content of Coatings, ASTM D2369-24: Determine the percentage volatile matter by weight of paint. Calculate and report the percentage of volatile matter to the nearest 0.01 %.

No-Pick-Up Time of Pavement Markings, ASTM D711-23: For a wet film thickness of 15 ± 0.5 mils, determine and report the drying time for no-pick-up to the nearest min. **Perform testing in accordance with Section 5.2, Method B (Static Air Flow) test environment.**

ACCREDITED Proficiency Testing Provider CERTIFICATE # 4159.01
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Please contact AASHTO re:source at psp@aashtoresource.org or call 240-436-4900 if there are questions.

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