

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Transportation Laboratory
5900 Folsom Boulevard
Sacramento, California 95819-4612



METHOD OF TEST FOR COATING ADHERENCE TO METALLIC SUBSTRATES

CAUTION: Prior to handling test materials, performing equipment setups, and/or conducting this method, testers are required to read "**SAFETY AND HEALTH**" in Section D of this method. It is the responsibility of the user of this method to consult and use departmental safety and health practices and determine the applicability of regulatory limitations before any testing is performed.

A. SCOPE

This test method describes a procedure to determine whether effective coating adherence has been provided in the process by which aluminum or steel were prepared for coating. This method is performed in accordance with ASTM Designation: D 3359.

B. REFERENCES

ASTM D 3359 — Measuring Adhesion by Tape Test
Caltrans Laboratory Safety Manual

C. PROCEDURE

1. Test specimens shall consist of a specimen that has been prepared for painting in the same manner and at the same time as the lot of material made available for purchase by Caltrans.
2. Use the apparatus specified and follow the test method in ASTM Designation: D 3359. If the specimen is to be tested in the field use Test Method A. If the specimen can be tested in the laboratory, use Test Method B.
3. Adequate coating adhesion is indicated by a minimum rating of 4A or 4B.

D. SAFETY AND HEALTH

Prior to handling, testing or disposing of any waste materials, testers are required to read the Caltrans Laboratory Safety Manual. Users of this test method do so at their own risk.

Caltrans Laboratory Safety Manual is available at:

<http://dot.ca.gov/>

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