



WSDOT Test Method T 423

Test Method for Traffic Controller Conflict Monitor Testing

1. Scope

This test method is intended to evaluate traffic signal controller conflict monitors for various simulated conflicting signal indications to ensure that the conflict monitor is effective in sensing conflicting signal conditions.

2. Significance of Use

This test method describes procedures to be used for simulating conflicting signals to the conflict monitor, and ensuring the proper response. As an alternative to this procedure, manufactured test equipment designed to tests all parameters can be used.

3. Reference Documents

NEMA Publication TS-1
FHWA Publication IP-78-16
Caltrans: Traffic Signal Controller Equipment Specification

4. Safety

Use proper equipment to reduce the risk of electrical shock.

5. Apparatus

A conflict monitor tester capable of testing to NEMA standards (see NEMA Publication TS-1 Section 2.2.9) and/or Caltrans standards (see Caltrans Traffic Signal Control Equipment Specifications article 4) as required, such as ATSI DCMT-700 or ATSI PCMT-2000 Conflict Monitor.

6. Procedure

Perform testing as shown in NEMA TS1 Section 2.2.9.3 or follow manufacture's recommendations.

7. Report

Record any response found to be in disagreement with the published standards. Report pass or fail and any corrective actions taken on the test report.

Performance Exam Checklist

Test Method for Traffic Controller Conflict Monitor Testing WSDOT Test Method T 423

Participant Name _____ Exam Date _____

Procedure Element	Yes	No
1. Remove Conflict Monitor from controller cabinet.		
2. Configure CMU tester for CMU to be tested.		
3. Connect CMU to tester.		
4. Perform CMU test as defined in appropriate manufactures test procedures.		
5. File raw data as required.		
6. Document test results on report.		

First Attempt: Pass Fail Second Attempt: Pass Fail

Signature of Examiner _____

Comments:

