

# SCTE • ISBE<sup>®</sup>

## S T A N D A R D S

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**Interface Practices Subcommittee**

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**SCTE STANDARD**

**SCTE 11 2018**

**Test Method for Aerial Cable Corrosion Protection Flow**

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## **1.0 SCOPE**

This document is identical to SCTE 11 2012 except for informative components which may have been updated such as the title page, NOTICE text, headers and footers. No normative changes have been made to this document.

- 1.1. This test is to determine that moisture blocking material used in cables intended for indoor and aerial applications, does not flow or drip out of the cable.

## **2.0 EQUIPMENT**

- 2.1. Diagonal side cutting pliers or cable cutters.
- 2.2. Safety razor blade, utility knife or equivalent.
- 2.3. Absorbent paper towels
- 2.4. Temperature Indicator for  $65^{\circ}\text{C} \pm 2^{\circ}$ .
- 2.5. Circulating Air Oven with chamber size sufficient to accommodate a 12 inch long sample mounted vertically, and also with the capability of maintaining a set temperature of  $65^{\circ}\text{C} \pm 2^{\circ}$  for a 24 hour period.
- 2.6. Clock
- 2.7. Clamps or supports to hold test specimen that will not restrict moisture-blocking material.

## **3.0 TEST SAMPLES**

- 3.1. Cut 12 in. samples of cable to be tested.

## **4.0 PROCEDURE**

- 4.1. Establish an oven temperature of  $65^{\circ}\text{C} \pm 2^{\circ}$ .
- 4.2. Suspend the three prepared cable samples in a vertical position inside the oven with an absorbent paper towel positioned underneath the sample on the chamber floor.
- 4.3. After thermal conditioning for 24 hours, remove the cable from the chamber and examine as stated in 5.1.

**5.0 INSPECTION**

5.1. Examine the paper towel for any evidence of moisture blocking material. Any such evidence shall constitute a failure.

**6.0 DOCUMENTATION**

6.1. Record the results using the following form:

Date:	Organization:
Tester:	Location:
Oven Used:	
Cable Supplier:	Pass:
Part Number:	Fail:
Cable Supplier:	Pass:
Part Number:	Fail:
Cable Supplier:	Pass:
Part Number:	Fail: