



Coating Sample Insulation Test

Prepared For: Maxon Technologies

Halco Job #1-190702-1L11-9

Date: July 18, 2019



5773 Venice Blvd.,
Los Angeles, California 90019-5017
Office: 323-933-9431 ● FAX: 323-933-2043

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Maxon Technologies
Attn. Lee Greer
Coating Sample Insulation Test

Re: HTS Job Number 1-190702-1L11-9

I. INTRODUCTION

Halco Testing Services was awarded the contract to perform electrical insulation breakdown testing on one Coating Sample. The service was performed by Don Genutis on July 3, 2019.

The sample tested on this project is listed in Section II of this report and the testing was performed in accordance with the specific procedures listed in Section III. Test results and recommendations are itemized in Section IV and the associated test data sheets are provided in Section V.

II. LIST OF EQUIPMENT

One Coat Sample

III. INSPECTION AND TEST PROCEDURES

- a. Connect ground lead to bottom conductive surface of sample.
- b. Connect hot lead to electrode and place on coating surface.
- c. Slowly increase voltage until breakdown occurs.
- d. Record breakdown voltage.
- e. Repeat test in different location.

IV. RESULTS AND RECOMMENDATIONS

The DC volts/mil breakdown strength appear to be greater than 500v/mil based upon an estimated 2 mil coating sample thickness..

V. TEST DATA SHEETS

Attached

