



388 Servidea Drive  
PO Box 194  
Ridgway PA 15853

Ph: 814-773-3224  
Fax: 814-773-3225  
Assuredtestingservices.com

ISO 17025 NADCAP  
AAMA Component Testing  
CAGE 5HSJ7

## Test Report: TR 21846

Delivered To: **Caribbean Energy Solutions**

Primary Point of Contact: **Joe Nunes**

Reference Quotation Number: **111317CARES\_Rev4**

September 27, 2019

Author:

A handwritten signature in black ink, appearing to read "Bob Hohn", written over a horizontal line.

Bob Hohn, Sales Manager

**Objective:**

To evaluate the corrosion resistance of coated aluminum panels

**Samples Tested:**

- (4) 4"x6" Aluminum samples from Caribbean's Energy Solutions
- (3) 4"x6" Aluminum samples from a competitor

**Test Procedure:**

The samples were exposed in accordance with SAE J2334 for 120 cycles (120 days). The salt application method was salt fog and testing was performed in an automated cyclic chamber. The samples were visually evaluated for corrosion and photographed every ~250hrs.

**Test Results:**

Following exposure to 120 cycles, (120) days Caribbean Energy Solutions had (1) panel with a maximum of 3 percent corrosion. In comparison, the competitor's panels had a **minimum** of 8%. A typical duration for SAE J2334 is 40 cycles per most John Deere and Caterpillar (CAT) specifications.

Caribbean's samples show virtually no coating degradation after exposure to (3) times the "normal exposure". This shows excellent performance potential, in the opinion of this laboratory.