



**fairfield**  
G E O T E C H N O L O G I E S

**May 15<sup>th</sup> 2018**

**FairfieldNodal ZLand<sup>®</sup> GEN2 (1C) Node Case**

**Covering**

**Part Number(s); 221.8300.0001, 221.7700.0001, 221.7700.0002**

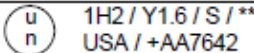
**Department of Transportation (DOT)**

**Performance Oriented Package (POP) Testing Certification  
TEN-E Packaging Services, Inc.**

**SECTION I: CERTIFICATION**

**Periodic Retest of the FairfieldNodal  
Container with Lithium Ion Battery**

TEN-E Packaging Services, Inc. is a current DOT UN Third-Party Certification Agency under §107.403 and certifies that the FairfieldNodal packaging referenced above has passed the standards of the DEPARTMENT OF TRANSPORTATION'S TITLE 49 CFR; Performance Oriented Packaging Standards, Section 178. This package is also certified under IMDG, and the UN Recommendations on the Transport of Dangerous Goods. It is the responsibility of the end user to determine authorization for use under these regulations. The use of other packaging methods or components other than those documented in this report may render this certification invalid.

SUMMARY OF PERFORMANCE TESTS					
UN / DOT TEST	CFR REFERENCE	TEST LEVEL	TEST CONTENTS	TEST COMPLETED	TEST RESULTS
Drop	178.603	1.2 m	Actual Product	April 16, 2018	PASS
Stacking	178.606	136.1 Kg – 24 Hours	Actual Product	April 13, 2018	PASS
Vibration	178.608	4.0 Hz – 1 Hour	Actual Product	April 12, 2018	PASS
<b>TEST REPORT NUMBERS:</b>			18-MN20165, 13-2313		
<b>UN MARKING:</b> (CFR 49 – 178.503)					
<b>PACKAGING IDENTIFICATION CODE:</b>			1H2 - Removable Head Plastic Drum (178.509)		
<b>PERFORMANCE STANDARD:</b>			Y (Packaging meets Packing Group II and III tests)		
<b>AUTHORIZED GROSS MASS:</b>			1.6 Kg (3.5 Lbs.)		
<b>"S" DESIGNATION:</b>			Denotes Inner Packagings		
<b>YEAR OF MANUFACTURE:</b>			** Insert year the packaging is manufactured		
<b>STATE AUTHORIZING THE MARK:</b>			USA		
<b>PACKAGING CERTIFICATION AGENCY:</b>			(+AA) TEN-E Packaging Services, Inc. (Newport, MN CAA #2006030022)		
<b>THIRD PARTY PACKAGING IDENTIFICATION:</b>			+AA7642		
<b>PERIODIC RETEST DATE:</b>			April 16, 2020		

ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY THAT THE PACKAGING TESTED IS MERCHANTABLE OR FIT FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. In no event shall TEN-E Packaging Services, Inc. liability exceed the total amount paid by FairfieldNodal for services rendered. In the event of future changes to the above referenced test standards, it is the responsibility of FairfieldNodal to determine whether additional testing or updating of past testing is necessary to verify that the packaging we have tested remains in compliance with those standards.

**MANUFACTURER:**

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