



TEN-E Packaging Services, Inc.

Test Report # 16-MN40054

June 2, 2016

SECTION I: CERTIFICATION

PERIODIC DESIGN REQUALIFICATION of the Clean Earth Systems, Inc. 39-3/8" x 39-3/8" x 39-3/8" 3 Wall Corrugated IBC with 6 mil Liner (IP-Butler)

TEN-E Packaging Services, Inc. is a current DOT UN Third-Party Certification Agency under §107.403 and certifies that the Clean Earth Systems, Inc. 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
Vibration	178.819	3.8 Hz – 1 Hour	Clay/Coal with Shot	May 25, 2016	PASS
Bottom Lift	178.811	1,270.1 Kg	Clay/Coal with Shot	May 25, 2016	PASS
Stacking	178.815	1,882.4 Kg – 24 Hours	Clay/Coal with Shot	May 26, 2016	PASS
Drop	178.810	1.8 m	Clay/Coal with Shot	May 26, 2016	PASS
Cobb	178.708	---	---	May 27, 2016	PASS
Puncture	178.708	---	---	June 2, 2016	PASS
TEST REPORT NUMBERS:			16-MN40054, 15-MN40034		
UN MARKING: (CFR 49 – 178.703)			<div><div>u n</div>11G / X / * / USA / +AA6789 / 1882 / 997</div>		
PACKAGING IDENTIFICATION CODE:			11G (178.708 Fiberboard IBC)		
PERFORMANCE STANDARD:			X (Packaging meets Packing Group I, II and III tests)		
MONTH AND YEAR OF MANUFACTURE:			*		
STATE AUTHORIZING ALLOCATION OF THE MARK:			USA		
PACKAGING CERTIFICATION AGENCY:			(+AA) TEN-E Packaging Services, Inc. (Newport, MN CA #2006030022)		
THIRD PARTY PACKAGING IDENTIFICATION:			+AA6789		
STACKING TEST LOAD:			1,882.4 Kg (4,150.0 Lbs.)		
MAXIMUM PERMISSIBLE GROSS MASS:			997.9 Kg (2,200.0 Lbs.)		
PERIODIC DESIGN REQUALIFICATION DATE:			June 2, 2017		
ADDITIONAL REQUIRED IBC MARKINGS (CFR 49 – 178.703(b)):					
TARE MASS (Kg):			Insert individual IBC tare mass		

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 Clean Earth Systems, Inc. for services rendered. In the event of future changes to the above referenced test standards, it is the responsibility of Clean Earth Systems, Inc. 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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