



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

TEN-E Packaging Services, Inc.
1666 County Road 74
Newport, MN 55055

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1800

Certificate Number

ANAB Approval

Certificate Valid To: 07/17/2017

Version No. 001 Issued: 06/04/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated January 2009*).



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TEN-E Packaging Services, Inc.

1666 County Road 74, Newport, MN 55055
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 angela.clifton@ten-e.com www.ten-e.com

TESTING

Valid to: July 17, 2017

Certificate Number: AT - 1800

I. Mechanical

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Any packaging or product not exceeding 5 000 lb	Compression Testing ASTM D642	49 CFR 178.606 & 178.815(d)(2) & 178.980 (d)(2) ISTA 1C / ISTA 1D ISTA 2A / ISTA 2B ISTA 3E / ISTA 3F ISTA 3H / ISTA 6 SAMSCLUB ISTA 6 FEDEX A / FEDEX B ASTM D4169	Compression System
Any packaging or product not exceeding 5 000 lb	Incline Impact ASTM D880	ISTA 1A / ISTA 1B / ISTA 1C ISTA 1D / ISTA 1E / ISTA 1G ISTA 1H / ISTA 2A / ISTA 2B ISTA 2C / ISTA 3B / ISTA 3E ISTA 6 SAMSCLUB ISTA 6 FEDEX B ASTM D4169	Incline Impact Tester
Any packaging or product not exceeding 5 000 lb	Loose Load Vibration ASTM D999	49 CFR 178.819 & 178.608 & 178.985 ISTA 1A / ISTA 1B / ISTA 1C ISTA 1D / ISTA 1E / ISTA 2A ISTA 2B / ASTM D4169	Vibration System
Any packaging or product not exceeding 5 000 lb	Environmental Conditioning ASTM D4332	ISTA 1C / ISTA 1D / ISTA 2A ISTA 2B / ISTA 2C / ISTA 3A ISTA 3B / ISTA 3E / ISTA 3F ISTA 3H / ISTA 6 ASTM D4169 / ASTM D7386 ASTM F2825 / ISO 2233	Temperature / Humidity Chamber

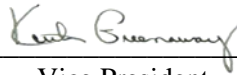


ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Any packaging or product not exceeding 5 000 lb	Random Vibration ASTM D4728	ISTA 1C / ISTA 1D / ISTA 1E ISTA 1G / ISTA 1H / ISTA 2A ISTA 2B / ISTA 2C / ISTA 3A ISTA 3B / ISTA 3E / ISTA 3F ISTA 3H / ISTA 6 SAMSCLUB ISTA 6 FEDEX A / ASTM D4169	Vibration System
Any packaging or product not exceeding 5 000 lb	Bridge Impact ASTM D5265	ISTA 3A / ISTA 3B ISTA 6 SAMSCLUB ISTA 6 FEDEX A / FEDEX B ASTM D4169 / ASTM D7386	Hazard Unit Free Fall Drop Tester
Any packaging or product not exceeding 5 000 lb	Drop Testing ASTM D5276	49 CFR 178.603 & 178.810 & 178.965 ISTA 1A / ISTA 1B / ISTA 1C ISTA 1D / ISTA 1G / ISTA 1H ISTA 2A / ISTA 2B / ISTA 2C ISTA 3A / ISTA 3B / ISTA 3F ISTA 6 SAMSCLUB ISTA 6 FEDEX A / FEDEX B / ASTM D4169	Free Fall Drop Tester
Any packaging or product not exceeding 5 000 lb	Mechanical Handling of Unitized Load ASTM D6055	ISTA 2F / ISTA 3B ISTA 6 SAMSCLUB ASTM D4169	Fork Truck
Any packaging or product not exceeding 5 000 lb	Rough Handling of Unitized Loads ASTM D6179	ISTA 1B / ISTA 1D / ISTA 1E ISTA 1H / ISTA 2B / ISTA 2C ISTA 3A / ISTA 3B / ISTA 3E ISTA 3H / ISTA 6 SAMSCLUB ASTM D4169 / ASTM 7386	Fork Truck
Any packaging or product not exceeding 5 000 lb	Altitude Testing ASTM D6653	ISTA 3A ASTM D4169 ASTM D7386	Vacuum Chamber
Any packaging or product not exceeding 5 000 lb	Sinusoidal Vibration ASTM D3580	ASTM D3580	Vibration Systems
Any packaging or product not exceeding 5 000 lb	Shock Testing ASTM D3332	ASTM D3332 ASTM D5487	Shock Machine Free Fall Drop Tester
Any packaging or product not exceeding 5 000 lb	Concentrated Impact Testing ASTM D6344	ASTM D4169 ASTM D7386 ISTA 6 FEDEX A	Dart
Package Seals	Seal Strength ASTM F88	ASTM F88 ISO 11607-1	Tensile Machine
Packages	Burst Test ASTM F1140	ASTM F1140	Package Test Machine

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Packages	Visual Inspection ASTM F1886	ASTM F1886 ISO 11607-1	Visible Inspection
Package Seals	Dye Penetration ASTM F1929	ASTM F1929 ISO 11607-1	Dye Penetrant Solution
Packages	Accelerated Aging ASTM F1980	ASTM F1980 ISO 11607-1	Temperature / Humidity Chamber
Packages	Bubble Emission Testing ASTM F2096	ASTM F2096 ISO 11607-1	Pressure Gauge Air Source
Package Labels	Packaging Humidity & Marking Indelibility BS EN-45502-1	BS EN 45502-1 ASTM F2250 ISO 11607-1	Indelibility of Package Marking
Package Seals	Linear Dimensional Measurement	ASTM F2203	Precision Steel Rule

Notes:

1. * = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1800



Vice President