

Environmental Conditioning	
ISTA P2A	Thermal Conditioning
ASTM D4332	Pre-Shipment Conditioning
Accelerated Aging	
ASTM F1980	Aging Based on Q10 Theory
Package Strength	
ASTM F88	Seal Strength Testing
ASTM F1140	Burst Strength Testing
Package Integrity	
ASTM F1929	Dye Leak Testing
ASTM F1886	Visual Inspection
ASTM D 3078	Vacuum Leak (Flexible packaging)
ASTM D4991	Vacuum Leak (Rigid packaging)
ASTM F 2096	Bubble Leak Testing
Shipping & Handling Test Procedures	
ASTM D4169	(International Safe Transit Association) Procedures



Testing experts.
Service specialists.

Minnesota Location	
ISTA 1 Series: Non-Simulation Integrity Performance Tests	
Procedure 1A	Packaged-Products weighing 150 lb (68 kg) or Less
Procedure 1B	Packaged-Products weighing Over 150 lb (68 kg)
Procedure 1C	Extended Testing for Individual Packaged-Products weighing 150 lb (68 kg) or Less
Procedure 1D	Extended Testing for Individual Packaged-Products weighing Over 150 lb (68 kg)
Procedure 1E	Unitized Loads
Procedure 1G	Packaged-Products weighing 150 lb (68 kg) or Less (Random Vibration)
Procedure 1H	Packaged-Products weighing Over 150 lb (68 kg) (Random Vibration)
ISTA 2 Series: Partial Simulation Performance Tests	
Procedure 2A	Packaged-Products weighing 150lb (68 kg) or Less
Procedure 2B	Packaged- Products weighing over 150 lb (68 kg)
Procedure 2C	Furniture Packages
ISTA 3 Series: General Simulation Performance Tests	
Procedure 3A	Packaged-Products for Parcel Delivery System Shipments 70kg (150 lb) or Less (standard, small, flat or elongated)
Procedure 3B	Packaged-Products for Less-Than-Truckload (LTL) Shipment
Procedure 3E	Unitized Loads of Same Product
Procedure 3F	Packaged Products for Distribution Center to Retail Outlet Shipment 100 lb (45 kg)
Procedure 3H	Performance Test for Products or Packaged-Products in Mechanically Handled Bulk Transport Containers
ISTA 6 Series: Member Performance Tests	
Project 6 AMAZON.COM	SIOC, Ships in Own Container (SIOC) for Amazon.com Distribution System Shipment (A-H)
6-FedEx-A	FedEx Procedures for Testing Packaged Products Weighing Up to 150 lbs
6-FedEx-B	FedEx Procedures for Testing Packaged Products Weighing Over 150 lbs.
Project6 SAMSClub	Packaged-Products for Sam's Club® Distribution System Shipment
ISTA 7 Series: Development Tests	
Procedure 7D	Temperature Test for Transport Packaging

California Location	
ISTA 1 Series: Non-Simulation Integrity Performance Tests.	
Procedure 1A	Packaged-Products weighing 150 lb (68 kg) or Less
Procedure 1B	Packaged-Products weighing Over 150 lb (68 kg)
Procedure 1C	Extended Testing for Individual Packaged-Products weighing 150 lb (68 kg) or Less
Procedure 1D	Extended Testing for Individual Packaged-Products weighing Over 150 lb (68 kg)
Procedure 1G	Packaged-Products weighing 150 lb (68 kg) or Less (Random Vibration)
Procedure 1H	Packaged-Products weighing Over 150 lb (68 kg) (Random Vibration)
ISTA 2 Series: Partial Simulation Performance Tests.	
Procedure 2A	Packaged-Products weighing 150lb (68 kg) or less
Procedure 2B	Packaged- Products weighing over 150 lb (68 kg)
ISTA 3 Series: General Simulation Performance Tests.	
Procedure 3A	Packaged-Products for Parcel Delivery System Shipments 70kg (150 lb) or Less (standard, small, flat or elongated)
Procedure 3F	Packaged Products for Distribution Center to Retail Outlet Shipment 100 lb (45 kg)
ISTA 6 Series: Member Performance Tests.	
6-FedEx-A	FedEx Procedures for Testing Packaged Products weighing up to 150 lbs.
ISTA 6 Series: Member Performance Tests.	
Project 6 AMAZON.COM	SIOC, Ships in Own Container (SIOC) for Amazon.com Distribution System Shipment (A,B,D,G,H)
6-FedEx-A	FedEx Procedures for Testing Packaged Products Weighing Up to 150 lbs
ISTA 7 Series: Member Performance Tests.	
Procedure 7D	Temperature Test for Transport Packaging

New Jersey Location	
ISTA 1 Series: Non-Simulation Integrity Performance Tests	
Procedure 1A	Packaged-Products weighing 150 lb (68 kg) or Less
Procedure 1B	Packaged-Products weighing Over 150 lb (68 kg)
Procedure 1C	Extended Testing for Individual Packaged-Products weighing 150 lb (68 kg) or Less
Procedure 1D	Extended Testing for Individual Packaged-Products weighing Over 150 lb (68 kg)
Procedure 1E	Unitized Loads
Procedure 1G	Packaged-Products weighing 150 lb (68 kg) or Less (Random Vibration)
Procedure 1H	Packaged-Products weighing Over 150 lb (68 kg) (Random Vibration)
ISTA 2 Series: Partial Simulation Performance Tests	
Procedure 2A	Packaged-Products weighing 150lb (68 kg) or Less
Procedure 2B	Packaged- Products weighing over 150 lb (68 kg)
Procedure 2C	Furniture Packages
ISTA 3 Series: General Simulation Performance Tests	
Procedure 3A	Packaged-Products for Parcel Delivery System Shipments 70kg (150 lb) or Less (standard, small, flat or elongated)
Procedure 3B	Packaged-Products for Less-Than-Truckload (LTL) Shipment
Procedure 3E	Unitized Loads of Same Product
Procedure 3F	Packaged Products for Distribution Center to Retail Outlet Shipment 100 lb (45 kg)
Procedure 3K	Fast moving consumer goods for the European Retail Supply Chain
ISTA 4 Series: Enhanced Simulation Performance Tests	
Procedure 4AB	Enhanced Simulator Performance Test
ISTA 6 Series: Member Performance Tests	
Project 6 AMAZON.COM	SIOC, Ships in Own Container (SIOC) for Amazon.com Distribution System Shipment A-H
6-FedEx-A	FedEx Procedures for Testing Packaged Products Weighing Up to 150 lbs
6-FedEx-B	FedEx Procedures for Testing Packaged Products Weighing Over 150 lbs.
Project6 SAMSClub	Packaged-Products for Sam's Club® Distribution System Shipment
ISTA 7 Series: Development Tests	
Procedure 7D	Temperature Test for Transport Packaging
Procedure 7E & Standard 20	Thermal Transport Packaging