

Food & Beverage Packaging

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Christian Brothers University, USA

ISTA: Lab, people and packaged product certifications workshop

The International Safe Transit Association (www.ista.org) is a non-profit professional organization that sets standards for pre-shipment test of packaged products. It has three types of certification: lab, people, and packaged product. In this presentation, the presenter will share his experience operating an ISTA certified packaging lab and preparing students to become an ISTA certified packaging lab technician. The following topics will be presented:

- Christian Brothers University & its packaging operation: ISTA certified packaging lab, healthcare packaging consortium, and packaging education program.
- Reasons for pre-shipment test.
- Pre-shipment package test equipment: shock, vibration, compression, environmental conditioning.
- Overview of ISTA and its test protocols.
- Lab certification requirements: package test lab & thermal lab.
- Packaged-product certification mark.
- Certified packaging lab professional (CPLP) program: technician, technologist, professional, and thermal lab technician levels I & II.
- Topics covered in certified technician and certified technologist exams.

Biography

Siripong Malasri, PhD from Texas A&M University, is a registered professional Engineer in Tennessee. He is an ISTA certified packaging lab professional (Professional Level). He is also Editor-in-Chief for the *International Journal of Advanced Packaging Technology* and Chair of PACKCON Online Packaging Conference. Currently, he serves as Dean of Engineering and Director of Healthcare Packaging Consortium at Christian Brothers University. His research interests include distribution packaging, pre-shipment testing, sustainability, materials, cold chain packaging, and artificial intelligence.

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