

WHAT'S NEW IN PRODUCT TESTING FOR DISTRIBUTION (Written 1999)

ABSTRACT

Although the obvious connection between product fragility and package performance is common sense (rugged products need less performance, fragile products need more), fragility testing of the product is required to quantify and optimize this relationship. Damage boundary protocols have been on the books for over 25 years – what's new? This paper will discuss the application of shock response spectrum (SRS) analysis and fatigue considerations to damage boundary testing, and resonance search with random vibration.