

Transportation Security Laboratory

The core mission of the Transportation Security Laboratory (TSL) is to enhance homeland security by performing research, development and validation of solutions to detect and mitigate the threat of improvised explosive devices. TSL was established in 1992 for the research, development, and evaluation of aviation security technologies, such as passenger and luggage screening equipment. TSL has a rich history of successful product development and technology life cycle management. The TSL team contributes to growing technology from conception to deployment, including applied research, development, prototyping, test and evaluation, certification, systems qualification, and laboratory assessment testing. The TSL also does certification testing for Explosive Detection Systems (EDS) and Explosive Trace Detection systems. The TSL is internationally recognized for its role in the development of standards, protocols and test articles necessary for detection technology assessments. TSL's Core Laboratory Capabilities include: Trace Laboratories, Electromagnetic Experimentation Laboratory Bulk Detection Laboratory, Explosives Simulant Development Laboratory, Explosives Effects Laboratory, and the Human Factors Laboratory.

Further Information can be found at: http://www.dhs.gov/xres/labs/editorial_0903.shtm