

PRODUCT SAFETY TRAINING

Providing insight into managing and mitigating product risks.

Intertek's regulatory experts verify the design, safety, and quality of a variety of toys and children's products with innovative testing, auditing, and inspection services.



Meeting regulatory requirements alone does not ensure product safety. Several other elements—including design hazards, physical hazards, and foreseeable use—need to be evaluated to identify the overall risk associated with a product and heighten its marketability.

Presented by Intertek experts, this intensive two-day product safety training course provides an analysis and understanding of crucial consumer product safety issues, while providing insight as to how to detect safety concerns and develop cost effective solutions that minimize potential safety hazards.

Key Learning Objectives

Attendees will be taught Intertek's theory behind managing and mitigating risks to improve the safety of a product. Throughout the two days, interactive workshop sessions will enable the attendees to perform a risk assessment on sample products. This serves to reinforce the learning experience with actual hands on experience and provides a forum for questions and answers with safety engineers. Attendees will also be introduced to key product safety legislation, such as the U.S. CPSC Testing and Certification Rule.

Intended Audience

This two day course is most relevant for Product Engineers, Designers, Production Managers, Buyers, Quality and Compliance Managers. However, this course may also be useful to managers who need exposure to product safety in order to build good best practice in their organization.

Upon completion of the two-day training you will receive:

- High quality presentation of subject matter
- Web link to download course material
- Hands on product assessment experience in live workshops
- References for further reading on related subjects of interest
- An awareness of Human Factors Assessment and Research Tools

Topics to be covered during training include:

Introduction to Risk and Essential Safety

- Explanation of risk and its relative components
- The value of an essential safety approach
- Introduction of the safety process and its main elements
- Hazard analysis example

Injury & Fatality Data Analysis

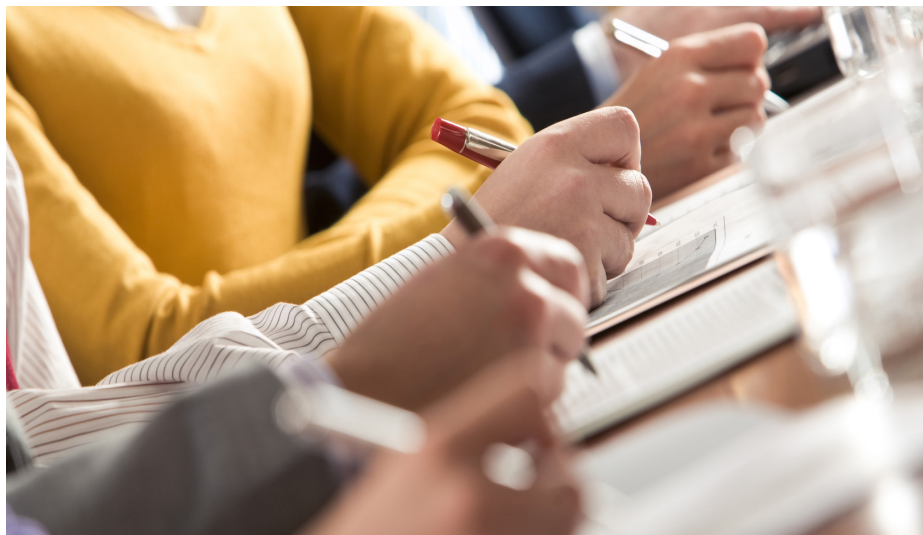
- Data sources explained
- Sample data to illustrate its usefulness and application

Foreseeable Use

- Explanation of the concept of Foreseeable Use
- Children's development and exploration strategies
- Concepts of caregiver vigilance and accessibility
- Exploration of the drivers of Foreseeable Use across the age groups

Human Factors

- Introduction to the study of the physical interaction between the human body and product characteristics
- In depth analysis of hazards, such as:
 - Airway Obstruction
 - Suffocation
 - Strangulation
 - Burns
 - Insertion/Entrapment
 - Eye Injury
 - Impacts, Falls & Fractures
 - Electrical Hazards
 - Sound & Light Intensity
 - Interference with Safe Activity
- Research laboratory tour where Human Factors assessment tools are explained in detail



Product Safety Legislation

- Product liability
 - Definitions
 - Theories
- Warning labels awareness
 - Liability
 - Warning Label Standards
 - Developing a Warning Label
- Consumer Product Safety Commission Improvement Act of 2008
 - Legislative References and Definitions
 - Children's Product Safety
 - Certification Requirements

Regulatory Overview and Update

- Consumer Product Safety Commission Overview
- Testing and Certification Rule
- State Law
- Other market requirements (Canada, EU, etc.)
- Product Safety Training Curriculum

Deliverables

- High quality presentation of subject matter
- Web link to download course material after the training
- Hands on product assessment experience in live workshops
- References for further reading on related subjects of interest
- An awareness of Human Factors Assessment and Research Tools

FOR MORE INFORMATION



+1 224 200 7172



product.assurance@intertek.com



intertek.com/product-assurance