

## **ITOP 5-2-502**

### ***TOXIC MATERIALS IN MISSILES AND ROCKETS***

#### **SCOPE**

This ITOP is a guide covering the procedures for analyzing human and environmental hazards arising from toxic materials in missiles and rockets. The objective of this analysis is to ensure adequate operator and industrial safety and assess environmental hazards. The tests and procedures described in this ITOP will provide data to support the issuance of a suitability (fit for purpose) and operational safety release. The tests and procedures to analyze risks arising from toxic substances as described in this document are applicable to missiles and rockets launched in a confined space or under free-field conditions. Hazard analysis procedures should be integrated as early as possible into the process of developing missiles and rockets. This ITOP only describes a broad common procedure and individual tests without specifying universally acceptable toxic exposure limits.