

HAZMAT 101 CONSULTANTS









PRESENTS

Hazard Identification Testing System (HITS course)™

NFPA 470 - OSHA 1910.120 - SERC

The basics of research is one of the most important but confusing subjects on a hazardous materials incident. Using the Hazardous Identification System (HITS) the technician will be able to identify chemical properties of a substance or compound by simple field testing. Conducting basic testing such field papers, flammability, and solubility the technician then may move into

advance testing with detection equipment to classify a chemical into a chemistry group. Although the technician may not be able to know the exact name following the HITS system, they should be able to recognize the general group in under 15 minutes. The chart provided is a collective group of information that before was scattered among accepted reference sources. The HITS system brings this information together in for

HAZARDOUS IDENTIFICATION											
HITS TESTING SYSTEM™											
Hazmat 101 Consultants: Hazardous Identification Test											
Hazards:	ERG Guide #:	1st Round Testing									
		1. Measure	2. Split/layer #1					3. Atmosphere			
		TEMP GUN (LABOR TIC)	pH Paper	NO Papers	FI Paper	OS Paper	CI Paper	PID Meter (10.0-99) * convert	Cross Meter	L	
		Split/layer #1	Split/layer #2	Split/layer #3	Split/layer #4	Split/layer #5					
 This guide is intended as probable behavior. There is no exact science. SOLID-Binary Salts Nitrides, Phosphides, Carbides, Silicides Hazard: Variable, Water Reactive		Guide 138	Temp Rise	BLUE	Possible	No Change	No Change	No Change	No VOC's	+	Av
SOLID-Metal Oxides Hazard: Heat Release, Caustic		Guide 145	Temp Rise	BLUE	No Change	No Change	No Change	No Change	No VOC's	+	Av
SOLID-Hydroxide Salts Hazard: Heat Release, Caustic		Guide 153	NO CHANGE	BLUE	No Change	No Change	No Change	No Change	No VOC's	+	Av
SOLID-Peroxide Salts Hazard: Heat Release, Caustic, Oxidizer		Guide 141	NO CHANGE	BLUE	Black	No Change	No Change	No Change	No VOC's	+	Av
SOLID-Cyanide Salts Hazard: TOXIC, Caustic		Guide 151	NO CHANGE	BLUE	No Change	No Change	No Change	No Change	No VOC's	+	Av
SOLID-Ammonium Salts Hazard: Oxidizers, Explosive		Guide 146	Cooling	BLUE	No Change	No Change	No Change	No Change	No VOC's	None	Av
SOLID-Oxy Salt Hazard: Oxidizers		Guide 141	NO CHANGE	White	Black	No Change	No Change	No Change	No VOC's	None	Av

easier access. This course addresses competencies in NFPA 470 and designed for experienced technicians familiar with most terms and equipment used in hazardous materials response. The format will be instructor lead, in-class with practical demonstrations. Course is limited to twenty-five students. Target Audience: Fire Service (Hazardous Materials Technician or higher), Emergency Management field response personnel, Law Enforcement, and Industrial Emergency Response Personnel.

This course information is a proprietary of HazMat 101 Consultants.

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