

Natural Energy Lab of Hawaii Authority

Camie Richno Summer Intern Project 2013

Chemical Inventory Database Sufficiently Managing Complex Data

What is a CIS?

(Chemical Inventory System)

• A chemical inventory system helps to maintain and update large amounts of data that is entered into a database for each location that stores hazardous materials at a facility, as well as, off-site locations under its jurisdiction.

GOALS:

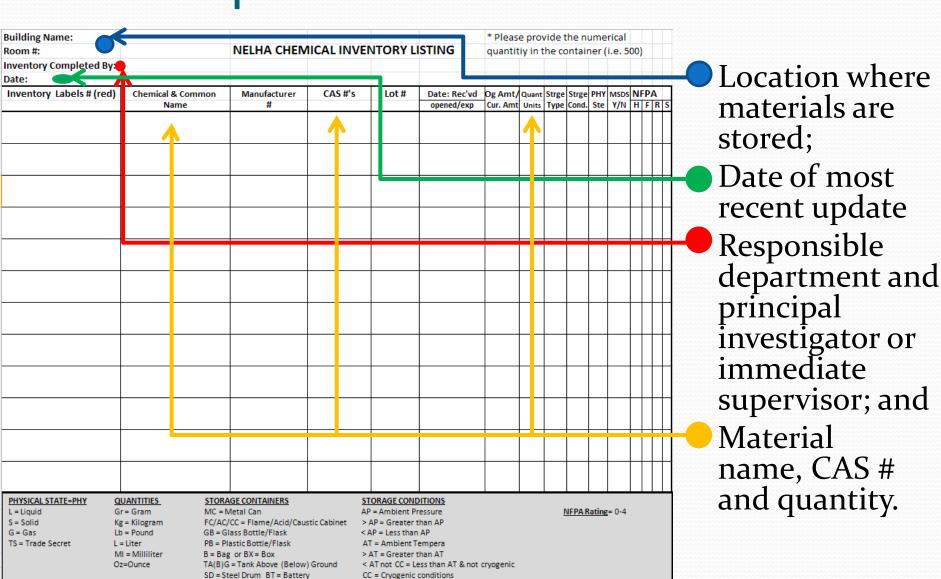
- 1. Utilize Microsoft Access and other tools to simplify a facility wide chemical inventory.
- 2. Manage complex data & regulatory requirements.

Why is it Important?

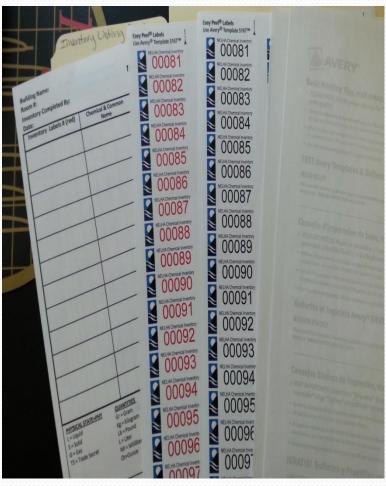
Implementation of Authority and Responsibility:

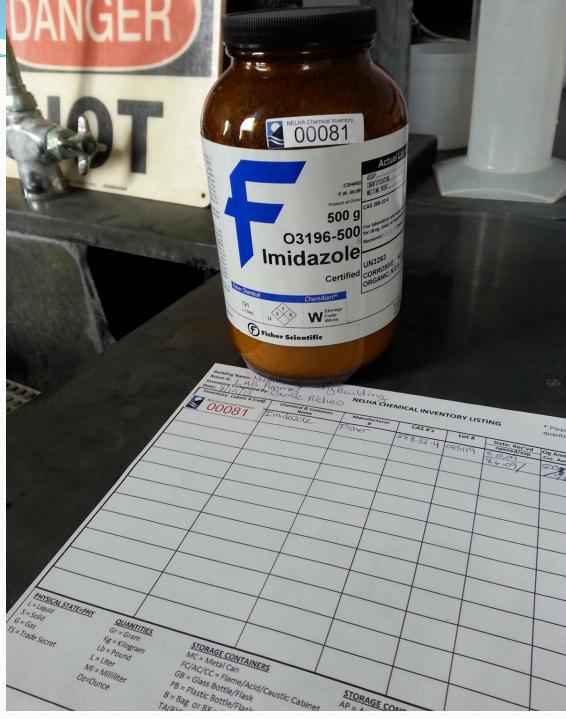
- Environmental Health and Safety is responsible for:
- Reviewing all inventories and determining compliance with applicable reporting regulations; and
- 2. Identifying all materials that could pose a health, safety, or environmental hazard in the event of an uncontrolled release
- 3. Conducting surveys and audits as deemed necessary
- Departments, Immediate Supervisors and Principal Investigators are responsible for:
- Submitting a chemical inventory for each location under their responsibility upon the request of Environmental Health and Safety;
- 2. Providing complete and accurate information; and
- Updating inventories whenever new chemicals are purchased or old chemicals are removed.

Requirements:



Inventory Labels = Easy Tracking







Chemical Inventory Form

Tuesday, July 16, 2013

Access ID	52		
Building	NELHA Laboratory Building	Original Amount	500
Room Name or #	WQLab Room 3	Current Amount	50%
Responsible Employee	Camie Richno=Intern1	Unit of Measure	Gr=Gram 🔻
		Storage Type	Glass Bottle/Flask
Inventory Date	07.15.13	Storage Condition	Ambient Pressure,
		Physical State	S=Solid V
NELHA Inventory Label #	00081		S=Solid L=Liquid
Chemical Name	Imidazole		G=Gas TS=TradeSecret
Vendor & Phone #	Fisher Scientific (800)-772-6733 or(201)-796-7100	MSDS paper file? Check if "Yes"	
CAS #(s): use a comma to seperate multiple #s	288-32-4	WebLink to MSDS?	
Lot #	085119		
		Health Hazard	3
Date Received	05.10.09	Fire Hazard	1
Date Opened	08.06.09	Reactivity	0
Date Expires if at all?		Specific Hazard	0
		Notes:	check MSDS for paper file

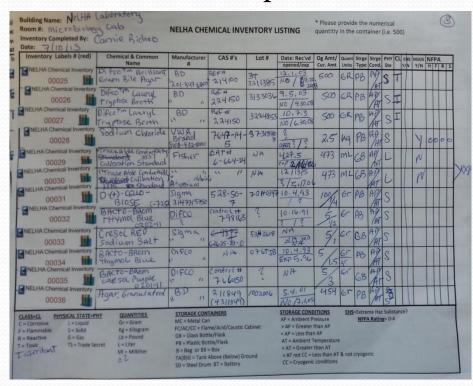
NELHA Data Entry

← Form

- Great for entering multiple amounts of data per record.
- Easier to work with than entering into tables...
- What precedes this?
- 1. Easily locate chemicals
- 2. Build Queries
- 3. Build Report Forms for printing data
- 4. Saves TIME!

Thank You NELHA, Keith Olson, and the First-To-Work volunteer program for this opportunity.

"To think is to practice brain chemistry." ~Deepak Chopra





~Now Back to Inventory!~