



DOEHRS-IH Navy Workbooks

John Bishop, MS, CIH

Jeff Haywood, Report Writer

Navy & Marine Corps Public Health Center

April 2011

- Disclaimer

- The views expressed in this presentation are those of the author and do not necessarily reflect the official policy or position of the Department of the Navy, Department of Defense, or the U. S. Government

Overview

- Services desired *ad hoc* reporting capabilities
- Tool - Oracle Discoverer®
- Queries or “Workbooks” would be developed with graphic user interfaces (GUIs)

Navy DOEHRS-IH Workbooks

- Background –
 - DOEHRS-IH has limited reporting capabilities
 - The need to include user defined data elements for data retrieval
- Queries (Worksheets within the Workbook) were developed
- Used entry parameters but also offer different hierarchies for display

For this supported UIC (or all if blank), what Shops use a particular operation or process method (or list all methods conducted if blank) for this particular hazard (list all hazards if blank)? This Workbook can be used to perform very narrow or very broad searches based on the user's entry parameters. In Oracle Discoverer®, the user is prompted with the following graphic user interface (GUI):

Edit Parameter Values

Select values for the following parameters:

Enter IHPO name*:

Enter UIC:

Enter Process Method:

Enter Shop Name:

Enter Hazard Name:

Description

Use % as a wildcard
Use the % symbol as a wildcard.

* indicates required field.

For this example, the user was interested in SMAW (stick welding) and they will get the following (excerpt of the entire report):

Ihpo
Name:NAVHOS
P PENSACOLA
FL - Legacy
Data

Uic	Method	Shop Name	Hazard Name	Location Name
N0432A	Welding, shielded metal arc welding (smaw/stick)	RESTORATION	NOISE	B3221
N47318	Welding, shielded metal arc welding (smaw/stick)	11A/26A	NICKEL, INSOLUBLE COMPOUNDS, AS NI	B40
			MOLYBDENUM AND INSOLUBLE COMPOUNDS, TOTAL DUST (AS MO)	B40
			MANGANESE, ELEM/INORGANIC/FUME (AS MN)	B40
			LEAD AND INORGANIC COMPOUNDS	B40
			CHROMIUM (II) AND/OR (III) SOLUBLE SALTS (AS CR)	B40
			CHROMIUM(VI) COMPOUNDS, AS CR, CERTAIN WATER INSOLUBLE	B40
			COPPER, FUME, AS CU	B40
			IRON OXIDE FUME (AS FE2O3)	B40
			VANADIUM, RESPIRABLE DUST & FUME, AS V2O5	B40
			ZINC OXIDE, FUME	B40
CADMIUM METAL AND COMPOUNDS, AS CD	B40			

“What Commands and Shops have been sampled for Lead?”
 They will get the following (excerpt of the entire report):

Ihpo
 Name:NAVHOSP
 PENSACOLA FL -
 Legacy Data

Uic	Shop Name	Method	Hazard Name	Location Name
N00153	MAINTENANCE	Sawing	LEAD AND INORGANIC COMPOUNDS	B13
N00203	ZFMD	Handling/cleanup, multiple operations	LEAD AND INORGANIC COMPOUNDS	B2268
			LEAD AND INORGANIC COMPOUNDS	B2270
		Wastewater treatment, NOC	LEAD AND INORGANIC COMPOUNDS	B2268
	ZINDUSTRIAL HYGIENE	Workplace monitoring/measurements	LEAD AND INORGANIC COMPOUNDS	B3600
N00204	AIMD	HM/HW handling & cleanup, NOC	LEAD AND INORGANIC COMPOUNDS	B118
	AIR OPERATIONS-AOC	Metal cleaning, grinding	LEAD AND INORGANIC COMPOUNDS	B2254
	AIR OPERATIONS-AOE	Metal cleaning, sanding	LEAD AND INORGANIC COMPOUNDS	B475

“What Methods (Processes) have been sampled for a particular Hazard?” They will get the following (excerpt of the entire report):

Ihpo Name:NAVHOSP
PENSACOLA FL -
Legacy Data

Uic	Hazard Name	Method	Shop Name	Location Name
N00153	FORMALDEHYDE	Haircutting/cosmetology, NOC	BARBER SHOP	B1
N00203	FORMALDEHYDE	Anatomical specimen preservation	OPERATING ROOM	B2268
		Anatomical specimen preservation	LABORATORY DEPT	B2268
		HM/HW handling & cleanup, NOC	FMD	B2268
		HM/HW handling & cleanup, NOC	LFMD	B2270
		Handling medical waste	LABORATORY DEPT	B2268
		Handling/cleanup, medical biological and infectious material	FMD	B2268
		Handling/cleanup, multiple operations	LFMD	B2286
		Handling/cleanup, multiple operations	LFMD	B2270
		Lab analysis	LABORATORY DEPT	B2268
		Medical, multiple operations	LABORATORY DEPT	B2268
		Pathology lab/morgue	LABORATORY	NULL
		Tissue disposal	LABORATORY DEPT	B2268
			Tissue/organ grossing	LABORATORY DEPT
N62306	FORMALDEHYDE	Clerical and office automation	LIBRARY	B1003
N65114	FORMALDEHYDE	Production/distribution of utilities, NOC	WC 912	B782
N66898	FORMALDEHYDE	Anatomical specimen preservation	WEST BANK MEDICAL CLINIC	NAS JRB New Orleans

This is like a Stressor Program Report by Command/Shop for their AOR.
 They will get the following (excerpt of the entire report):

Ihpo Name:NAVHOSP PENSACOLA
 FL - Legacy Data

Hazard Name	Uic	Shop Name	Method	Location Name
FORMALDEHYDE	N00153	BARBER SHOP	Haircutting/cosmetology, NOC	B1
FORMALDEHYDE	N00203	OPERATING ROOM	Anatomical specimen preservation	B2268
FORMALDEHYDE	N00203	LABORATORY DEPT	Anatomical specimen preservation	B2268
FORMALDEHYDE	N00203	FMD	HM/HW handling & cleanup, NOC	B2268
FORMALDEHYDE	N00203	LFMD	HM/HW handling & cleanup, NOC	B2270
FORMALDEHYDE	N00203	LABORATORY DEPT	Handling medical waste	B2268
FORMALDEHYDE	N00203	FMD	Handling/cleanup, medical biological and infectious material	B2268

Data Export

These can all be exported to Excel files that can be manipulated by the user as desired. Such as adding filters to present single instances of a Process, Shop, Hazard encompassing the IHPO's entire AOR.

Command Name	Shop Name	Method	Sample Date	Time Display	Hazard Name	Result Value	Unit Abbreviation
NAVAL SHIPYARD	17-M4	Abrasive blast, aluminum oxide	10-Jun-10		ALUMINUM	0.755	mg/m3
NAVAL SHIPYARD	17-M4	Abrasive blast, aluminum oxide	10-Jun-10		NICKEL, INSOLUBLE COMPOUNDS	0.001414	mg/m3
NAVAL SHIPYARD	17-M4	Abrasive blast, aluminum oxide	10-Jun-10		ZINC OXIDE	0.0048	mg/m3
NAVAL SHIPYARD	17-M4	Abrasive blast, aluminum oxide	10-Jun-10		MANGANESE	0.0237	mg/m3
NAVAL SHIPYARD	26-D6B-B163	Abrasive blast, aluminum oxide	10-Jun-10		IRON (III) OXIDE	0.4298	mg/m3
NAVAL SHIPYARD	26-D6B-B163	Abrasive blast, aluminum oxide	10-Jun-10		ALUMINUM	0.015556	mg/m3
NAVAL SHIPYARD	26-D6B-B163	Abrasive blast, aluminum oxide	10-Jun-10		IRON (III) OXIDE	0.0472	mg/m3
NAVAL SHIPYARD	26-D6B-B163	Abrasive blast, aluminum oxide	26-Jul-10		CHROMIUM(VI)	0.00069	mg/m3
NAVAL SHIPYARD	26-D6B-B171	Abrasive blast, aluminum oxide	16-Jul-10		CHROMIUM(VI)	0.00262	mg/m3
NAVAL SHIPYARD	26-D6B-B171	Abrasive blast, aluminum oxide	16-Jul-10		PARTICULATES NOT OTHERWISE SPECIFIED	1	mg/m3
NAVAL SHIPYARD	26-D6B-B171	Abrasive blast, aluminum oxide	27-Jul-10		LEAD INORGANIC COMPOUNDS	0.425	mg/m3
NAVAL SHIPYARD	26-D6B-B171	Abrasive blast, aluminum oxide	9-Jun-10		CADMIUM COMPOUNDS	0.0002	mg/m3
NAVAL SHIPYARD	71-E1-B1499	Abrasive blast, aluminum oxide	9-Jun-10		LEAD INORGANIC COMPOUNDS	0.005	mg/m3
NAVAL SHIPYARD	71-E1-B1499	Abrasive blast, aluminum oxide	9-Jun-10		PARTICULATES NOT OTHERWISE SPECIFIED	429	mg/m3
NAVAL SHIPYARD	71-E1-B1499	Abrasive blast, aluminum oxide	30-Jul-10		PARTICULATES NOT OTHERWISE SPECIFIED	1.797	mg/m3

Navy DOEHRS Team

DOEHRS-IH

John Bishop, MS, CIH - SLA

John.bishop@med.navy.mil

•Leslie Crowder, CIH - SLA

•Leslie.crowder@med.navy.mil

•Jeff Haywood – Report Writer

Jeffery.haywood.ctr@med.navy.mil

•Chuck Boyd -

Charles.boyd.ctr@med.navy.mil

DOEHRS-EH

•LCDR Steve Griesenbeck

John.griesenbeck@med.navy.mil

•DOEHRS-HC

•Theodore.mason@med.navy.mil

