



# OMPA PROGRAM 47 CADMIUM

Date

Assessment Date

Command Name

Date of Command Brief

Assessment completed by

Clinic Name

### Program Purpose

Cadmium is an extremely toxic metal found in industry settings. It has a low permissible exposure limit (PEL) and overexposures may occur even in situations where trace quantities are found. Cadmium is used extensively in electroplating. Welders may unsuspectingly weld on Cadmium containing alloys or work with silver solders that contain Cadmium. Cadmium is also found in some Industrial paints. Operations that involve spraying of paint, scraping or blasting may pose a significant hazard. Cadmium emits a characteristic brown fume (CdO) when heated that is relatively non-irritating, and thus does not alarm the exposed individual.

### Program Goals

The goal of a successful CADMIUM surveillance program assessment for Navy OM clinics includes the following elements:  
 1. Identify workers who need the cadmium surveillance program  
 2. Monitoring and assessment of potentially exposed cadmium workers  
 3. Regular or repeated collection analysis and interpretation of required Biological monitoring results  
 4. Performance of the occupational medicine examination  
 5. Documenting and maintaining proper records of exams and biological monitoring results  
 6. Informing the worker of the biological monitoring results  
 7. Counseling/educations concerning identified health risks  
 8. Identification and monitoring of Past Cadmium workers

### SUPPORTING DATA

#### Regulations, Instructions, and References

*Select which type of access you have for each of the references listed*

(a) <a href="#">5 CFR Part 339</a> (8/21) <i>Medical Qualifications Determinations</i>	Hardcopy	Electronic	None
(b) <a href="#">29 CFR 1910.1027</a> (current) Cadmium	Hardcopy	Electronic	None
(c) <a href="#">29 CFR 1926.1127</a> (current) Cadmium	Hardcopy	Electronic	None
(d) <a href="#">OPNAVINST 5100.23 Series</a> , (8/18): Navy Safety and Occupational Health Program manual	Hardcopy	Electronic	None
(e) <a href="#">OSHA Directive: CPL 02-00-135</a> , (12/04) Record keeping policies and procedural manual	Hardcopy	Electronic	None
(f) <a href="#">DoD 6055.05-M</a> (08/18) Occupational Medicine Surveillance Program	Hardcopy	Electronic	None
(g) <a href="#">NMCPHC-TM-OM 6260</a> : (current) Medical Surveillance Procedures Manual and Medical Matrix	Hardcopy	Electronic	None
(h) <a href="#">NAVMED P-117</a> (10/20) Manual of the Medical Department	Hardcopy	Electronic	None

### Tracking and Program Management Tools INSTRUCTIONS

This Occupational medicine Program Assessment tool is designed as an interactive self-assessment picture of the program being review. Using the color coded scoring range of 1/RED (absolute system failure and noncompliance) to the highest score 5/GREEN (perfect compliance and best practice methods). Any score 3 or lower will require a validation comment in the space provided. This does not mean you cannot add comments of your choice.

#	Assessment Questions	Response
47.01	Is the enrollment in to the Cadmium medical surveillance, provided in your clinic, based primarily on the results of the most current Industrial Hygiene Survey with your OM professional input?	<div style="display: flex; justify-content: space-around; width: 100%;"><div style="width: 33%; height: 20px; background-color: green;"></div><div style="width: 33%; height: 20px; background-color: yellow;"></div><div style="width: 33%; height: 20px; background-color: red;"></div></div>
47.02	If specific individualized Cadmium exposure monitoring data is performed by Industrial Hygiene, is the summary of this data filed in the workers medical record?	<div style="display: flex; justify-content: space-around; width: 100%;"><div style="width: 33%; height: 20px; background-color: green;"></div><div style="width: 33%; height: 20px; background-color: yellow;"></div><div style="width: 33%; height: 20px; background-color: red;"></div></div>
47.03	Employees are placed in medical surveillance when they are or may be exposed to Cadmium at or above the action level?	<div style="display: flex; justify-content: space-around; width: 100%;"><div style="width: 33%; height: 20px; background-color: green;"></div><div style="width: 33%; height: 20px; background-color: yellow;"></div><div style="width: 33%; height: 20px; background-color: red;"></div></div>
47.04	Are pre-placement examinations being provided for workers per written requirements?	<div style="display: flex; justify-content: space-around; width: 100%;"><div style="width: 33%; height: 20px; background-color: green;"></div><div style="width: 33%; height: 20px; background-color: yellow;"></div><div style="width: 33%; height: 20px; background-color: red;"></div></div>

#	Assessment Questions	Response
47.05	A periodic examination is completed within one year after the pre-placement examination and then at least biennially?	
47.06	Biological monitoring is completed for pre-placement and annually thereafter consisting of blood and urine cadmium level labs and Beta-2 microglobulin lab	
47.07	A detailed history of health and work is obtained which includes smoking status/history, reproductive, use of medications effecting the renal system, history of renal, cardiovascular, respiratory, hematopoiect and musculo-skeletal problems?	
47.08	A respirator examination is completed during physical and prior to starting work with cadmium?	
47.09	A Physician's written opinion containing whether the employee has any detected medical condition(s) that would place the person at risk, biological monitoring results if known and any recommendations for removal are provided to the employee.	
47.10	A written notice is provide to the employee via the employer of the results of the biological monitoring if not available at time of examination. This notice will provide an explanation of what is normal. ALL ABNORMALS are recalled to clinic for further followup with a provider.	

**ADDITIONAL COMMENTS:**

Provide specific information to support your responses from the questions above in the space provided below

**DASHBOARD REPORT**

The importance of assessing and scoring your program for successes and challenges cannot be underestimated in value. The scoring results of this assessment will be reviewed by your program manager or regional nurse to better assist, support and mentor your clinic as needed. If during the self-assessment process above you have determined that your program needs improvement (or you have a total program score or 3,2, or 1) you must complete the performance Improvement plan section of this OMPA Tool.

**BASED ON YOUR SELECTED RESPONSES TO THE ASSESSMENT ITEMS ABOVE**



**General Color Dashboard Definitions**

**Full compliance.** No changes or improvements necessary during this assessment period or minor updates, changes, or improvements needed for compliance during this assessment period  
*(No additional follow-up performance improvement plan (PIP), assist visit, or report necessary)*

**Caution Need Improvement.** Major updates, changes, or improvements needed for compliance during this assessment period.  
*(Performance improvement plan (PIP) for this program is required to bring program to green)*

**Danger Significant Challenges or System Failure.** Major missing, non-compliant, unsupported components or no program viability or compliance during this assessment period.  
*(Performance improvement plan (PIP) and a support/assist visit from program manager/regional nurse and CO notification is required for this program)*

**SUBMISSION and PRINT SECTION**

**When you have completed each block be sure to save an electronic copy for your records (change the name of the document first and print a hard copy as needed for your chain of command). Submit your form to your program manager or regional nurse by attaching your saved document to an email.**

**REMEMBER!!** If your program has a <3 you must complete the PIP portion at the end of this tool before submitting your document.

**CONGRATULATIONS!**  
**YOU HAVE COMPLETED THE PROGRAM 47**  
**CADMIUM!**

## PROCESS IMPROVEMENT PLAN

If during the self-assessment process above you have determined that the PROGRAM INTEGRATION program needs improvement (or you have a total program status of <3) complete the following PIP. This is an ongoing plan that must be updated until your program status has improved to >3.

**Date PIP initiated:** \_\_\_\_\_

**Describe your plan including steps for success in the box below then proceed to submission section:**

**Date of PIP update #1**

Enter 1st PIP status and update information in box below:

**HAS YOUR PROGRAM IMPROVED TO >3?**

*(If YES no additional PIP is needed. If NO proceed with PIP and update at required interval)*

YES

NO

**Date of PIP update #2**

**HAS YOUR PROGRAM IMPROVED TO >3?**

*(If YES no additional PIP is needed. If NO proceed with PIP and update at required interval)*

YES

NO

**Date of PIP update #3**

**HAS YOUR PROGRAM IMPROVED TO >3?**

*(If YES no additional PIP is needed. If NO --CONTACT YOUR COMMAND OM CONSULTANT OR REGIONAL MANAGER FOR ASSISTANCE)*

YES