	Restricted Materials at DCF	Revision: #5
	Document Control Number: 75D-07.0-07	**Date: 8/16/2023**

1.0 Purpose:
To define a list of controlled materials.

2.0 Scope:
Applies to all operations and services at BEP's District of Columbia facility.

3.0 Roles and Responsibilities:

3.1 OEHS Program Managers and Department Managers are responsible for:

3.1.1 Assuring the information on this list is current with respect to their specific program(s); and

3.1.2 Communicating the need for changes to the DC EMS Management Representative.

3.2 The **DCF EMS Management Representative** is responsible for:

3.2.1 Submitting changes to the list in a timely manner; and

3.2.2 Acting as liaison between OEHS and Office of Acquisition with regard to this list.

3.3 CORs are responsible for:

3.3.1 Referencing this list, as applicable, when defining contract requirements; and

3.3.2 Communicating between contractors and OEHS with questions or comments regarding this list.

3.4 OEHS Office Chief is responsible for:

3.4.1 Permitting exceptions to these listed materials (exceptions must be in writing and signed by the OEHS Chief).

4.0 Materials Lists

4.1 Chemicals and materials that are forbidden from storage and use on BEP property:

- Lead Based Paint
- Asbestos (except as stored after abatement per current regulations)
- Poly Chlorinated Biphenyl's (PCB's)
- Chlorinated Solvents (as banned by the District of Columbia) (allowed in Durability Lab testing)
- Halogenated Solvents
- Cadmium
- R-11 (Freon 11)
- Benzene
- Arsenic
- Cyanide
- Hydrofluoric Acid
- Halon
- **Training ammunition that contains lead** (including lead primers)

  Note: police officers are allowed to carry leaded ammunition in their service weapons while on duty and may discharge leaded ammunition in the act of duty.
- Materials, that when disposed of, will create an acute hazardous waste
- Instruments or articles that contain ionizing radiation sources which may require general or specific licensing by either the Nuclear Regulatory Commission (NRC) or an authorized agreement state are prohibited. ***Exceptions will only be made after review and approval by OEHS for equipment that would fall under the scope of Radiation and Laser Safety 75D-05.0-01***

4.2 Materials and Chemicals which have been targeted for reduction at BEP.

4.2.1 Hazardous Air Pollutants (HAPS) listed in 40 CFR 63.74, including:

TABLE 1—LIST OF HIGH-RISK POLLUTANTS

CAS No.	Chemical	Weighting factor
53963	2-Acetylaminofluorene	100
107028	Acrolein	100
79061	Acrylamide	10
107131	Acrylonitrile	10
92875	Benzidine	1000
0	Beryllium compounds	10
542881	Bis(chloromethyl) ether	1000
106990	1,3-Butadiene	10
57749	Chlordane	100
532274	2-Chloroacetophenone	100
0	Chromium compounds	100
107302	Chloromethyl methyl	10
0	Coke oven emissions	10
334883	Diazomethane	10
132649	Dibenzofuran	10
96128	1,2-Dibromo-3-chloropropane	10
111444	Dichloroethyl ether (Bis(2-chloroethyl) ether)	10
79447	Dimethylcarbamoyl chloride	100
122667	1,2-Diphenylhydrazine	10

CAS No.	Chemical	Weighting factor
106934	Ethylene dibromide	10
151564	Ethylenimine (Aziridine)	100
75218	Ethylene oxide	10
76448	Heptachlor	100
118741	Hexachlorobenezene	100
77474	Hexachlorocyclopentadiene	10
302012	Hydrazine	100
0	Manganese compounds	10
0	Mercury compounds	100
60344 .	Methyl hydrazine	10
624839	Methyl isocyanate	10
0	Nickel compounds	10
62759	N-Nitrosodimethylamine	100
684935	N-Nitroso-N-methylurea	1000
56382	Parathion	10
75445	Phosgene	10
7803512	Phosphine	10
7723140	Phosphorus	10
75558	1,2-Propylenimine	100
1746016	2,3,7,8-Tetrachlorodibenzo-pdioxin	100,000
8001352	Toxaphene (chlorinatedcamphene)	100
75014	Vinyl chloride	10

4.2.2 TRI Chemical list

Note: As of December 2010, TRI toxic chemical list contains 593 individually listed chemicals and 30 chemical categories (including 3 delimited categories containing 62 chemicals). This list does change; the most current list may be found on http://www.gpo.gov/fdsys/.

4.2.3 TRI PBT Chemical list

Note: As of December 2010, the Tri PBT Chemical list contained 16 PBT chemicals and four (4) PBT compound categories (Dioxin and dioxin-like compounds, Lead compounds, Mercury compounds and Polycyclic aromatic compounds (PACs)). Users of this procedure are responsible for following the most current version of this list.

4.2.4 Other chemicals or materials targeted for reduction:

- Methyl Isobutyl Ketone (MIBK);
- R- 113 (Freon 113);
- Products which contain Volatile Organic Compounds. (examples may include some aerosol penetrating oils, degreasers, nail polish removers, aerosol paints, PVC cement, citrus oil or pine oil cleaners); and
- Ethylene Glycol

5.0 Related Documents

5.1 EHS Contractor Requirements 75D-07.0-04
5.2 EHS Requirements for Purchased Materials 75D-07.0-05
5.3 EHS Requirements for Large Equipment Purchases 75D-07.0-06
5.4 Operational Control 75D-00.0-08

6.0 Document Revision History

REVISION	PURPOSE OF REVISION	Approved by	EFFECTIVE DATE
1	Exception rule for ionizing radiation producing sources	N. Mohlmann	12/11/12
2	Changed document numbers	N. Mohlmann	9/18/14
3	Addition of training rounds with leaded primers	N. Mohlmann	8/2/2016
4	Updated language and exceptions	V. Antoine-Pompey	6/30/2019
5	No changes from last version – minor formatting changes	V. Antoine-Pompey	8/16/2023