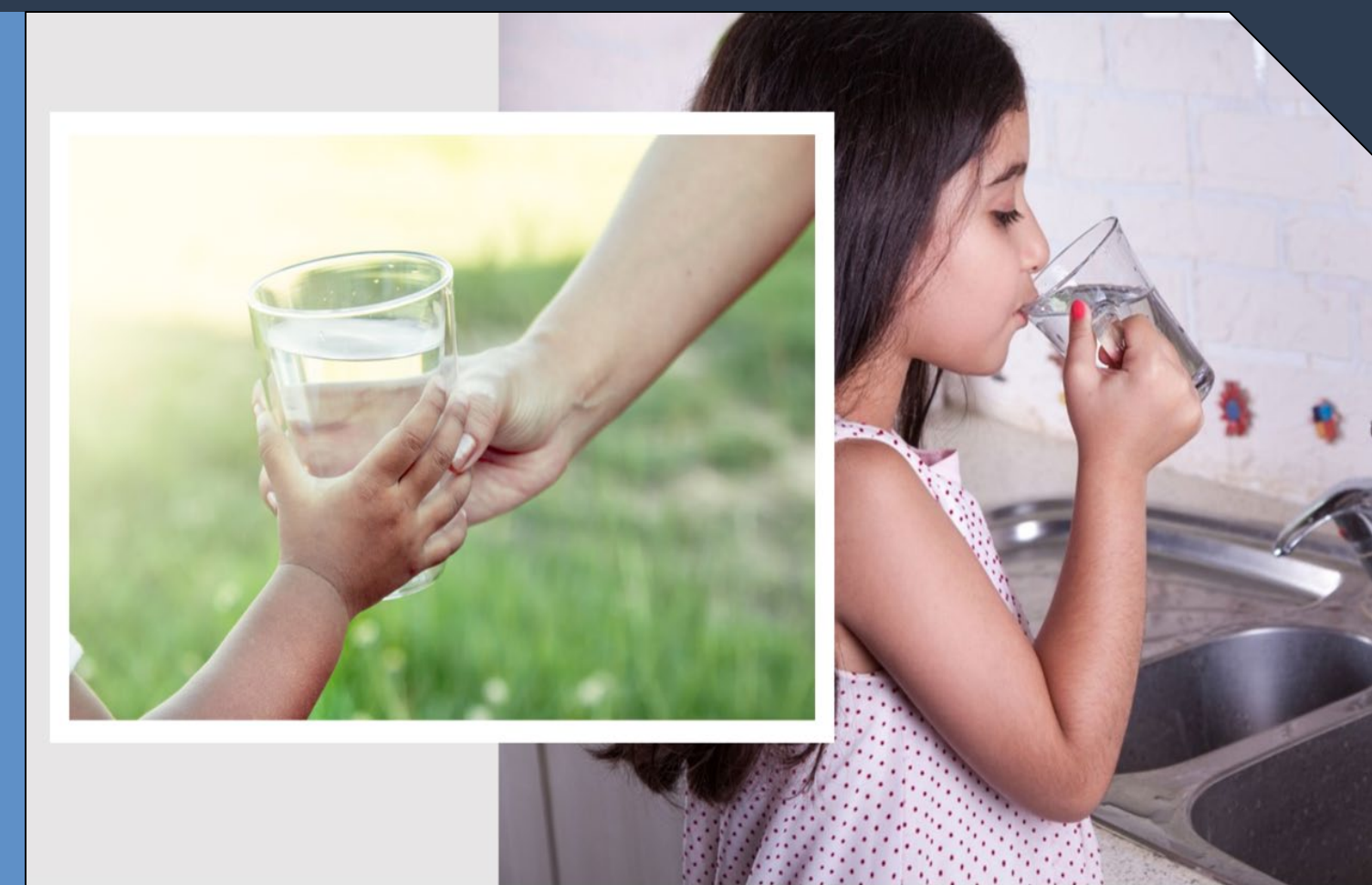


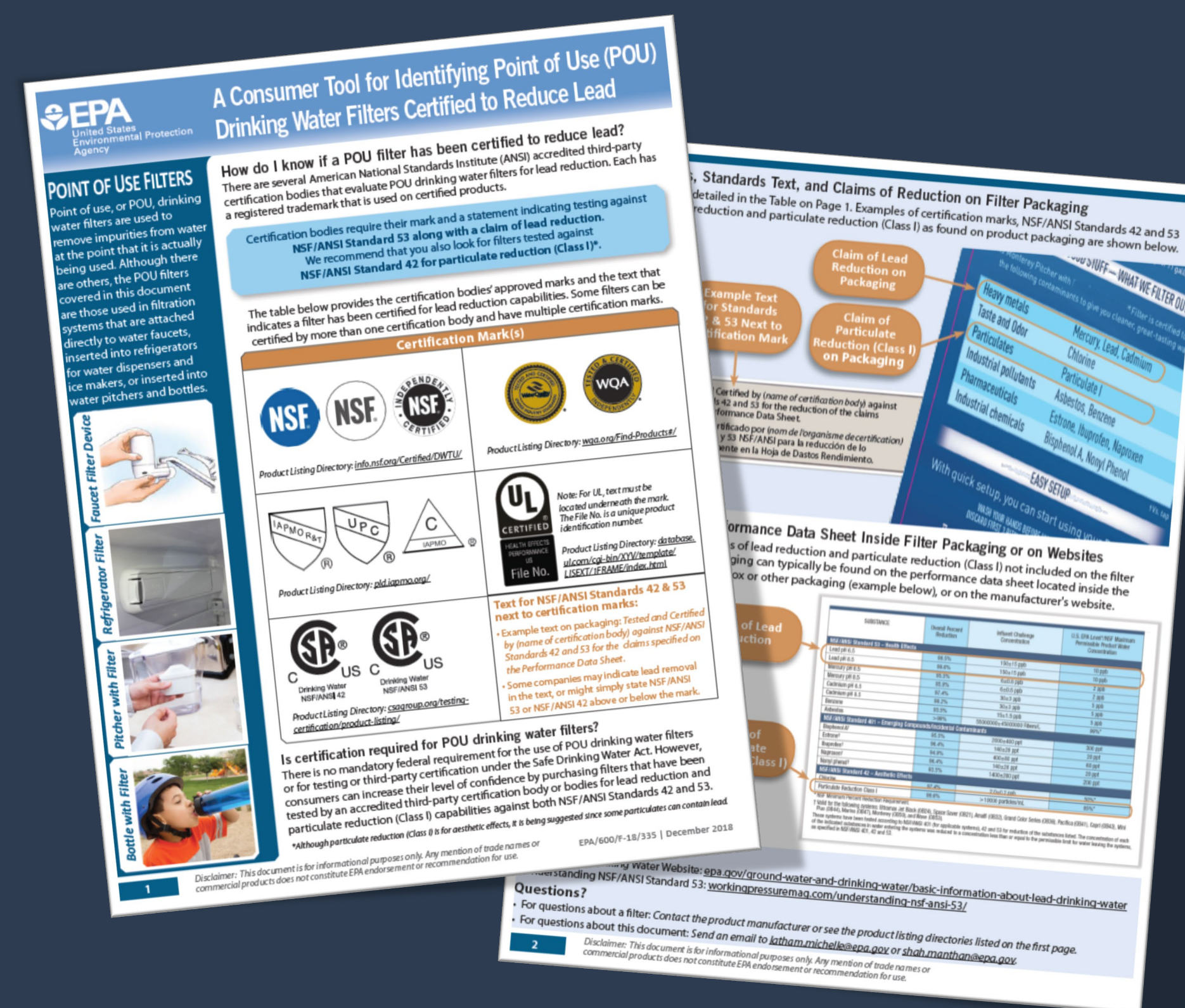
# Consumer Tool for Identifying Point of Use (POU) Drinking Water Filters Certified to Reduce Lead

Office of Research and Development  
and Office of Children's Health Protection



## What are Point of Use Filters?

Point of use, or POU, drinking water filters are used to remove impurities from water at the point that it is actually being used. Although there are others, the POU filters covered in this document are those used in filtration systems that are attached directly to water faucets, inserted into refrigerators for water dispensers and ice makers, or inserted into water pitchers and bottles.



Available at  
[epa.gov/water-research/consumer-tool-identifying-pou-drinking-water-filters-certified-reduce-lead](http://epa.gov/water-research/consumer-tool-identifying-pou-drinking-water-filters-certified-reduce-lead)

Certification bodies require their mark and a statement indicating testing against **NSF/ANSI Standard 53 along with a claim of lead reduction.**

We recommend that you also look for filters tested against **NSF/ANSI Standard 42 for particulate reduction (Class I).**

## How Do I Know If a POU Filter Has Been Certified to Reduce Lead?

There are several American National Standards Institute (ANSI) accredited third-party certification bodies that evaluate POU drinking water filters for lead reduction. Each has a registered trademark that is used on certified products.

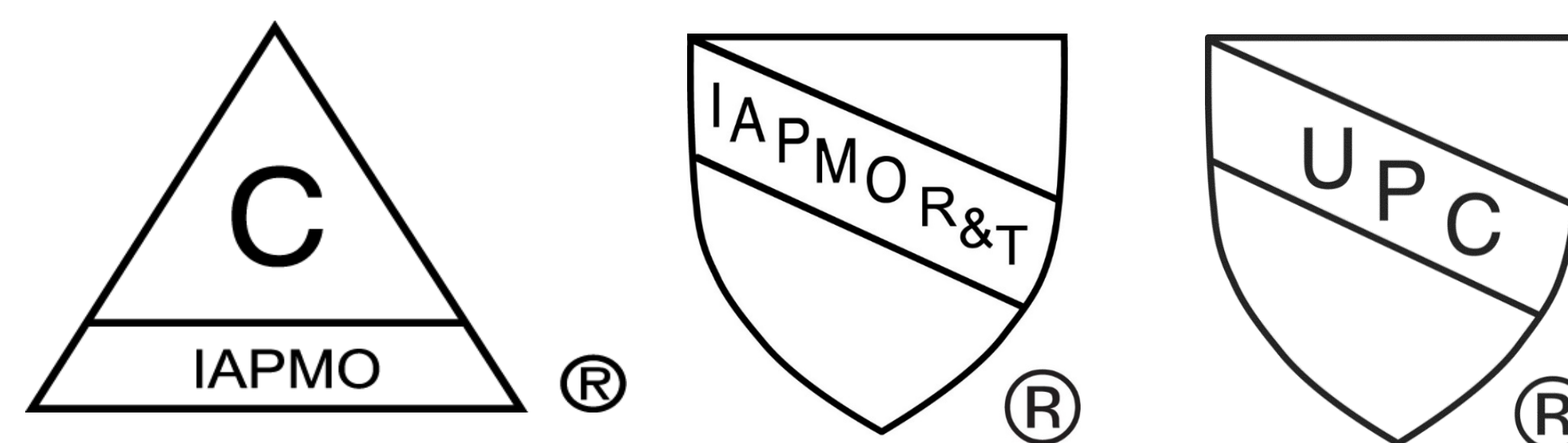
## Certification Marks



Product Listing Directory: [info.nsf.org/Certified/DWTU/](http://info.nsf.org/Certified/DWTU/)



Product Listing Directory: [wqa.org/Find-Products/](http://wqa.org/Find-Products/)



Product Listing Directory: [pld.iapmo.org/](http://pld.iapmo.org/)



Note: for UL, text must be located underneath the mark, The File no. is a unique product identification number.

Product Listing Directory: [database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.html](http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.html)



Product Listing Directory: [csagroup.org/testingcertification/product-listing/](http://csagroup.org/testingcertification/product-listing/)

### Text for NSF/ANSI Standards 42 & 53 next to marks:

- Example text on packaging: *Tested and Certified by (name of certification body) against NSF/ANSI Standards 42 and 53 for the claims specified on the Performance Data Sheet.*
- Some companies may indicate lead removal in the text, or might simply state NSF/ANSI 53 or NSF/ANSI 42 above or below the mark.

## Is Certification Required?

There is no mandatory federal requirement for the use of POU drinking water filters or for testing or third-party certification under the Safe Drinking Water Act. However, consumers can increase their level of confidence by purchasing filters that have been tested by an accredited third-party certification body or bodies for lead reduction and particulate reduction (Class I) capabilities against NSF/ANSI Standards 42 and 53.

## Where are the Marks Located?

The certification marks can be found on the filter or on the smallest container in which the filter is packaged. NSF/ANSI Standards 42 and 53 text will be located under or near a certification mark. If lead reduction and particulate reduction (Class I) are not specifically mentioned in the text, information can be found in a table on the packaging, on the performance data sheet located inside the filter packaging or on the manufacturer's website, or in the certifier's online product listing directory.

SUBSTANCE	Overall Percent Reduction	Influent Challenge Concentration	U.S. EPA Level*NSF Maximum Permissible Product Water Concentration
<b>NSF/ANSI Standard 53 – Health Effects</b>			
Lead pH 6.5	99.5%	150±15 ppb	10 ppb
Lead pH 8.5	99.6%	150±15 ppb	10 ppb
Mercury pH 6.5	95.5%	6±0.6 ppb	2 ppb
Mercury pH 8.5	95.9%	6±0.6 ppb	2 ppb
Cadmium pH 6.5	97.4%	30±3 ppb	5 ppb
Cadmium pH 8.5	97.2%	30±3 ppb	5 ppb
Benzene	93.5%	15±1.5 ppb	5 ppb
Asbestos	> 99%	5500000±4500000 Fibers/L	99%*
<b>NSF/ANSI Standard 401 – Emerging Compounds/Incidental Contaminants</b>			
Bisphenol A†	95.5%	2000±400 ppt	300 ppt
Estrone†	96.4%	140±28 ppt	20 ppt
Ibuprofen†	94.9%	400±80 ppt	60 ppt
Naproxen†	96.4%	140±28 ppt	20 ppt
Nonyl phenol†	95.5%	400±80 ppt	200 ppt
<b>NSF/ANSI Standard 42 – Aesthetic Effects</b>			
Particulate Reduction Class I	99.6%	>10000 particles/mL	50%*
*NSF Minimum Percent Reduction Requirement.			
† Valid for the following systems: UltraMax Jet Black (OB24), Space Saver (OB21), Amall (OB32), Grand Color Series (OB36), Pacifica (OB41), Capri (OB43), Mini Plus (OB44), Marina (OB47), Monterey (OB50), and Wave (OB53).			
These systems have been tested according to NSF/ANSI 401 (for applicable systems), 42 and 53 for reduction of the substances listed. The concentration of each of the indicated substances in water entering the systems was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI 401, 42 and 53.			

