

Best Practice Recommendations for Local Manufacturing of Ceramic Pot Filters for Household Water Treatment

Call for Review



October 2010

by Robert Pillers

At the First International Ceramic Pot Conference, held in Atlanta, in February 2009, associated with the Disinfection 2009 Conference, it was recommended by the people present, to develop manufacturing standards to establish a quality control standard for locally-manufactured ceramic pot filters.

After the conference, a group of researchers, producers, and interested parties formed the Ceramic Manufacturing Working Group to provide guidance to assist filter factories in producing the lowest-cost, most-effective ceramic filters possible.

The objectives of the working group were to:

- summarize the existing knowledge on ceramic filter production and effects of production variables;
- identify lessons learned from existing filter factories;
- make recommendations on how to produce the lowest-cost, most-effective filters;
- identify research indicated.



The first conference call to establish the group was April 21st, 2009, and the group met regularly via conference call through to October 2009 to discuss each production variable, what the best practice standards would be, knowledge gaps, and research indicated.



In September and October of 2009, the initial work was presented in the Dublin HWTS research conference and the Oklahoma City water conference. With financial support and guidance from PATH, Justine Rayner coordinated the final writing of the document with members of the Working Group composed by Lisa Ballantine, Joe Brown, Vinka Craver, Burt Cohen, Terry Foecke,

Tracy Hawkins, Manny Hernandez, Stephanie Hooker, Susan Murcott, Robert Pillers, Mike Stewart, Curt & Cathy Bradner and Barbara Donarchy

In the past few months, a further series of conference calls were held and a full draft of the report was circulated and approved by members of the working group.

Now the working group seeking external review of this document before anticipated publication in December 2010, after incorporation of comments and final editing.

The working group invites anyone interesting in ceramic filtration to review this document, and look forward to your comments. The document, and the companion document (draft) on microbiological testing, can be downloaded from:



[WorkingCeramicsReview.pdf](#)

[Microbiology.pdf](#)

