



COMMUNITY-SCALE
RESOURCE-ORIENTED
SANITATION
TREATMENT SYSTEMS



INVITATION TO ATTEND THE ISO INTERNATIONAL WORKSHOP MEETING ON **COMMUNITY-SCALE RESOURCE-ORIENTED SANITATION TREATMENT SYSTEMS**

DATE	September 7 – 8, 2017
LOCATION	Grand Copthorne Waterfront Hotel 392 Havelock Road, Singapore 169663
SECRETARIAT	American National Standards Institute (ANSI)
REGISTRATION	www.ansi.org/WasteTreatment
MORE INFORMATION	ANSI: Sally Seitz – sseitz@ansi.org

According to the World Health Organization (WHO), an estimated 2.5 billion people have no access to safe, clean toilets and 1 billion are forced to defecate in the open. The devastating consequences of these practices include an estimated 1 million preventable deaths per year, primarily from dysentery-like diarrheal diseases.

In March 2013 the UN issued a global call to action for the comprehensive elimination of the practice of open defecation by 2025. According to the UN, countries where open defecation is most common have the highest levels of child death and disease, as a result of ingesting human fecal matter that has entered the food or water supply. A lack of safe, private toilets is also associated with the highest overall levels of malnutrition, poverty, and disparity between rich and poor, and makes women and girls vulnerable to violence.

Universal toilet access is the only acceptable goal, and it is achievable. Part of the solution is to reinvent the toilet, and promote an international performance standard for the reinvented toilet, an effort well underway in International Organization for Standardization (ISO) Project Committee 305.

As part of a multi-phased initiative to facilitate the development of a globally recognized consensus standard for safer, sustainable sanitation treatment, ANSI – with support from the Bill & Melinda Gates Foundation – will hold a series of workshops to develop an ISO International Workshop Agreement (IWA) on Community-Scale Resource-Oriented Sanitation Systems.

The IWA will serve as the first step toward the goal of developing an international standard that will contain the commonly accepted criteria by which to measure the performance of community scaled resource oriented sanitation treatment systems in total. Such an international standard would enhance efforts to widely manufacture, market and deploy the technology where it is needed most.

The first IWA meeting, held at the end of June 2017 in Durban, South Africa, focused on initial discussions on the contents of the draft document. The second meeting will take place September 7-8, 2017, in Singapore. This meeting will continue to craft and develop the text of the IWA document further. The third meeting will take place in early 2018. Specific dates, venues, and other details will be announced in the near future.



DRAFT AGENDA

Grand Copthorne Waterfront Hotel

392 Havelock Road

Singapore 169663

TEL: +65 6733 0880

Day 1 (Thursday, 7 September 2017)

09:00 AM MORNING SESSION

- Welcome and Introductions by:
 - BMGF
 - ANSI

- Addressing the need for community scale resource oriented sanitation treatment systems

- Importance of developing standards to address the needs

- Objectives of the second meeting International Workshop Agreement and overview of meeting #1 output

- Overview of the Updated TUV SUD Standard and

LUNCH BREAK

AFTERNOON SESSION

Developing Consensus on the Content of an International Workshop Agreement

- Identification of Possible Additional Text
 - 1.) Scope
 - 2.) Normative References

3.) Terms, definitions and abbreviations

4.) General Requirements

5:00PM Meeting Adjourn

Day 2 (Friday, 8 September 2017)

9:00AM MORNING SESSION

Developing Consensus on the Content of an International Workshop Agreement (Continued)

5. Input, energy balance and resource recovery specifications
6. Performance requirements
7. Safety requirements
8. Operations requirements
9. Maintenance requirements

LUNCH BREAK

AFTERNOON SESSION

Developing Consensus on the Content of an International Workshop Agreement

10. Outputs
11. Test sequence and procedures
12. Declarations
13. Annexes

Close of Workshop

- Review and Confirmation of Consensus Established on the Content of the IWA
- Identification of Next Steps in the Development, Approval and Publication of the IWA

5:00PM Meeting Adjourn