



NEXT GENERATION TOILETS



INVITATION TO ATTEND THE FIRST ISO INTERNATIONAL WORKSHOP ON NEXT GENERATION TOILETS

DATE	June 28 – 30, 2016
LOCATION	Singapore (venue to be confirmed)
SECRETARIAT	American National Standards Institute (ANSI)
REGISTRATION	www.ansi.org/toilets
MORE INFORMATION	ANSI: Leslie McDermott – intl@ansi.org

According to the World Health Organization (WHO), an estimated 2.5 billion people have no access to safe, clean toilets. The consequences are drastic: poor sanitation contributes to about 700,000 child deaths from diarrhea each year.

Next generation “reinvented toilets” remove pathogens and do not require traditional infrastructure, such as sewer, water connection, or electricity. They also cost less than 5 cents per user, which would provide an opportunity for developing countries to utilize safer, cleaner and cost-efficient toilet alternatives.

As part of a multi-phased initiative to facilitate the development of a globally recognized consensus standard for safer, cleaner reinvented toilets,

ANSI – with support from the Bill & Melinda Gates Foundation – will hold an International Workshop Agreement (IWA) workshop on sustainable non-sewered sanitation systems in the last week of June.

The IWA will serve as the first step toward the goal of developing an international standard that will ensure safety aspects of next generation toilets, and that the treated discharged products pose no user, operator health, or environment risks.

The standard would be applicable to individual and community sanitation systems that are self-contained, meet defined discharge requirements, and aim for sustainability.



NEXT GENERATION TOILETS



FIRST ISO INTERNATIONAL WORKSHOP ON NEXT GENERATION TOILETS DRAFT AGENDA

Singapore | June 28 – 30, 2016

Day 1 (Tuesday, June 28)

09:00 AM MORNING SESSION

- Welcome and Introductions
- Introduction and Confirmation of Workshop Chair
 - Rachel Hawthorne, ANSI, IWA Secretary
 - Workshop Chair
- Addressing the sustainable non-sewered sanitation challenge
- Importance of developing standards to address the challenge
- Objectives of this International Workshop Agreement and overview of ISO

LUNCH BREAK

AFTERNOON SESSION

Developing Consensus on the Content of an International Workshop Agreement

- Overview of the TUV SUD Standard
- Building on the TUV SUD Standard to Develop an International Workshop Agreement
- Discussion of IWA scope and Identification of Possible Additional Text

5:00 PM Meeting Adjourn

Day 2 (Wednesday, June 29)

9:00 AM MORNING SESSION

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

1. General requirements (e.g. user group requirements, operating conditions, sanitary requirements, material requirements, maintenance etc.)

LUNCH BREAK

AFTERNOON SESSION

2. Technical requirements (e.g. risk assessment, mechanical requirements, electrical and electronic equipment, etc.)
3. Additional requirements for the frontend

5:00 PM Meeting Adjourn

Day 3 (Thursday, June 30)

9:00 AM MORNING SESSION

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

4. Performance, functionality and robustness testing
5. Sustainability requirements
6. Annexes

LUNCH BREAK

AFTERNOON SESSION

- 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
- Dissemination and Implementation of the International Workshop Agreement
- Identification of Next Steps to Develop an ISO Standard for sustainable non-sewered sanitation

5:00 PM Closure of Meeting

Sustainable Non-Sewered Sanitation Systems

General safety and performance requirements for design and testing

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Table of content

Introduction

1. Scope
2. Normative references
3. Terms and definitions
4. General requirements
 - 4.1. User group requirements
 - 4.2. Metric system
 - 4.3. Design capacity
 - 4.3.1. Treatable input
 - 4.3.2. Treatment capacity
 - 4.3.3. Overload protection
 - 4.3.4. Operability following non-usage or short term shut down
 - 4.3.5. Longer term shut down
 - 4.3.6. Restart following longer term shut down
 - 4.4. Affordability
 - 4.5. Expected technical lifetime
 - 4.6. Aspirational design
 - 4.7. Operating conditions
 - 4.7.1. Ambient temperature range
 - 4.7.2. Ambient air humidity
 - 4.7.3. Atmospheric pressure
 - 4.8. Sanitary requirements
 - 4.8.1. General
 - 4.8.2. Hygienic design
 - 4.8.3. Tightness
 - 4.8.4. Cleanability of surfaces
 - 4.8.5. Chemical and biological additives
 - 4.9. Material requirements
 - 4.9.1. Durability of materials
 - 4.9.2. Fire resistance of material
 - 4.10. Connections and joining elements
 - 4.11. General safety design requirements
 - 4.11.1. Safety of edges, angles, and surfaces
 - 4.11.2. Fire and explosion protection
 - 4.11.3. Structural integrity
 - 4.11.4. External impacts
 - 4.12. Information and marking

- 4.12.1. Information and warnings
- 4.12.2. Marking and labeling
- 4.13. Maintenance
 - 4.13.1. Reasonable adjustment and maintenance activities
 - 4.13.2. Location and access of adjustment and maintenance points
 - 4.13.3. Evacuation and cleaning
 - 4.13.4. Tools and devices
 - 4.13.5. Maintenance manual
 - 4.13.6. Handling and transport of the sanitation system

5. Technical requirements

- 5.1. Risk assessment
- 5.2. Operational requirements
 - 5.2.1. Intentional starting of toilet operation
 - 5.2.2. Intentional stopping of toilet operation
 - 5.2.3. Emergency stop
- 5.3. Reliability and safety of energy supply
 - 5.3.1. Reliability
 - 5.3.2. Safety
 - 5.3.2.1. Separation and isolation from energy sources
 - 5.3.2.2. Energy discharge
 - 5.3.2.3. Dissimilar metals
- 5.4. Mechanical requirements
 - 5.4.1. Pressurized equipment
 - 5.4.2. Pipes, hoses, and tanks
 - 5.4.3. Moving and rotating parts
- 5.5. Requirements for radiation
 - 5.5.1. High temperatures of part and surfaces
 - 5.5.2. Low temperatures of parts and surfaces
 - 5.5.3. Other sources of radiation
- 5.6. Electrical and electronic equipment
 - 5.6.1. Safety and reliability of electrical and electronic equipment
 - 5.6.2. Control system
 - 5.6.3. Safety-related function of the control system
- 5.7. Reliability of conveyance system

6. Additional requirements for the frontend

- 6.1. Use and operation
 - 6.1.1. General usability requirements
 - 6.1.2. Requirements for ease of operation
 - 6.1.3. Cultural requirements
- 6.2. Visibility of feces
- 6.3. Functionality of flushing mechanism
- 6.4. Integrity against external impacts

- 6.5. Transitions (vibration and heat) from the backend
- 6.6. Slipping, tripping, or falling

7. Performance, functionality and robustness testing

- 7.1. General testing requirements
- 7.2. Controlled testing
- 7.3. Field testing
- 7.4. Performance criteria
 - 7.4.1. Solid output
 - 7.4.2. Liquid output
 - 7.4.3. Odor
 - 7.4.4. Air emissions
 - 7.4.5. Noise

8. Sustainability requirements

ANNEX

- A. Annex – Normative – Test methods
- B. Annex – Informative – Risk assessment and list of significant hazards
 - B1. Risk assessment based product design process
 - B2. List of significant hazards
- C. Annex – Informative – Manuals

Bibliography