Draft for Public Comment

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Interested committees:

Title: Draft BS ISO 18636 BS ISO 24599 Guidelines for the management of mobile toilets under epidemic situations.

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Introduction

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For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations on each comment submitted**
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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DRAFT International Standard

ISO/DIS 24599

Guidelines for the management of mobile toilets under epidemic situations

ICS: 03.080.30; 91.040.99

ISO/TC **224**

Secretariat: **AFNOR**

Voting begins on:
2024-10-25

Voting terminates on:
2025-01-17

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Foreword

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This document was prepared by Technical Committee ISO/TC *224*, *Drinking water, wastewater and stormwater systems and services.*

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Introduction

In recent years, Public Health Emergencies (PEEs), especially viral infectious diseases, have occurred frequently around the world, existing as a significant threat to the global healthcare systems and economy. Generally, PEEs are characterized by their sudden occurrence, diverse causes and distribution, and rapid transmission. It is often difficult for medical facilities and services to meet the timely treatment needs of infected or suspected cases in time, especially in developing countries with large populations and limited medical facilities and services. Deaths and adverse health outcomes caused by frequent public health emergencies are also barriers to the achievement of the UN Sustainable Development Goals.

Many infectious diseases, such as H5N1 flu, SARS and COVID-19, have been proven to have a strong tendency to spread from person to person through various pathways, e.g., aerosol droplet transmission, direct contact, and the faecal-oral route. Limiting contact between people and pathogens is a key component of epidemic control.

A PEE may either be a consequence or a cause of a crisis, affecting water services involving a partial or total breakdown of sanitation services.

In certain cases of epidemic, the existing sanitation service can be overwhelmed in terms of collection capacity (field hospitals, temporary treatment facilities; temporary settlements; etc.), it is then necessary to provide alternative solutions.

The collection and safe disposal of faeces and sanitary wastewater are of paramount importance considering the risk to public health. In case of major disruption or rupture, it is therefore, necessary to set up an alternative service.

Since the outbreak of PEEs is difficult to control, the rapid response of supporting facilities, including the provision of mobile toilets, could help prevent the further spread of pathogens.

To reduce the potential of faecal oral transmission, more attention should be given to the provision of mobile toilets in quarantine areas and “mobile cabin hospitals”. Hence, it is imperative to set up guidelines and instructions on the management of mobile toilets or emergency portable toilets under PEEs.

Developing and establishing this guideline will:

reduce the risk of the potential faecal-oral transmission of pathogens;

improve the safety of toilet users and operators;

promote the design and installation efficiency of emergency mobile toilets;

It will improve the rapid mechanism for the deployment of mobile toilets in case of PEEs.

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