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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

WS/T 699-2020

**Hand hygiene regulations in crowd gathering places
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

Drafting organizations of this standard. China Center for Disease Control and Prevention, Environmental and Health Related Product Safety Institute, Hunan Provincial Center for Disease Control and Prevention, Shenzhen Center for Disease Control and Prevention.

1 Scope

This standard specifies requirements for hand hygiene facilities, hand hygiene indications, hand hygiene methods, hand hygiene management and effect evaluation in crowd gathering places.

This standard applies to places where all kinds of people gather.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB 5749 Sanitary Standard for Drinking Water GB 27950 General requirements for hand disinfectants

3 Terms and definitions

The following terms and definitions apply to this document.

Congregate settings

Places where people are densely populated and highly mobile, and clusters of epidemics are prone to occur during epidemics. Including various public places such as hotels, restaurants Shops, shopping malls, public bathrooms, barber shops, theaters, stadiums (halls), exhibition halls, waiting rooms (aircraft, boats), public transportation, Various office spaces and schools, etc.

Hand washing

The process of rubbing and washing hands with running water and hand sanitizer (or soap) to remove hand dirt, debris and some microorganisms.

Hand disinfection hand antisepsis Rub or soak hands with disinfectant to kill hand microorganisms and achieve a harmless treatment process.

Hand hygiene

The process of washing or disinfecting hands. When there are visible contaminants on your hands, wash your hands with hand sanitizer (or soap) under running water; no visible contamination when dyeing things, wash your hands or rub your hands with a hand sanitizer.

Hand hygiene facilities Equipment and supplies used for hand washing and hand disinfection, including hand sinks, faucets, running water, hand sanitizer (or soap), hand dryers, Hand disinfectant, induction hand disinfection equipment, etc.

4 Facilities requirements

4.1

Places where crowds gather should be equipped with hand hygiene facilities that match the size of the crowd, and the corresponding facilities are appropriate, effective and convenient.

4.2

The location is equipped with mobile water hand washing facilities, and the quality of the mobile water should meet the requirements of GB 5749.

4.3

The wash basin should be made of smooth and easy-to-clean materials such as ceramic, tempered glass or stainless steel, with natural lighting or lighting equipment above it.

4.4

The hand-washing faucet should be a faucet with an easy-to-clean surface, and a non-hand-touch faucet should be equipped.

4.5

Places where people gather are equipped with hand sanitizer (or soap), and places with conditions should be equipped with non-hand-touch liquid dispensers. And meet the following requirements.

- b) The reusable hand sanitizer container should be cleaned and disinfected when replacing or adding hand sanitizer;
- c) When the hand sanitizer deteriorates, it should be replaced in time, and the container should be cleaned and disinfected;
- d) The soap and soap box used should be cleaned regularly and kept dry.

4.6

Places where people gather should be equipped with hand dryers (hand dryers or paper towels) and trash cans with lids.

4.7

During the epidemic of infectious diseases, at the entrances and exits of crowded places, elevators, restaurants, toilets, etc., hand disinfectants or induction Hand disinfection equipment.

5 Hand hygiene indications

Hand hygiene should be performed in the following four situations.

- a) Before cleaning operations, such as before eating, processing and preparing food and beverages, before touching the mouth, nose and eyes, and before taking care of the elderly and infants;
- b) After contamination operations, such as coughing, sneezing, after covering the nose and mouth with your hands, after urinating and defecation, after nursing patients, after touching coins, touching or After handling all kinds of garbage and dirt;
- c) There are obvious contaminants on the hands;
- d) During the epidemic, after touching the surface of various high-frequency contact objects such as door handles and elevator buttons.

6.1 Washing hands

Under running water, make your hands fully wet, take an appropriate amount of hand sanitizer (or soap) and apply evenly to the entire palm, back of the hand, fingers and nails. Follow the "six-step hand-washing method" (as shown in Figure 1) to carefully knead the seams and finger seams. The specific steps are as follows.

The first step. palms facing each other, fingers together, rubbing each other;

The second step. the palms of the hands of the back of the opponent, rub each other along the finger joints, exchange;

The fourth step. bend the fingers to make the joints rotate and rub in the palm of the other hand, exchange;

Step 5. Hold the thumb of the left hand with the right hand, rotate and knead, exchange;

Step 6. Put the tips of the five fingers together on the palm of the other hand, rotate and rub, and exchange.

Rinse hands thoroughly under running water, wipe dry, air dry or dry.

6.2 Hand disinfection

6.2.1

Take an appropriate amount (according to the product instructions, generally 1 mL ~ 2 mL) of hand sanitizer in the palm of the hand, rub both hands to make it evenly applied to each hand. Rub and disinfect until dry.

6.2.2

The quick-drying hand disinfectant is the first choice for hand disinfection. Those who are allergic to alcohol can choose non-alcoholic hand disinfectants such as quaternary ammonium salts. Some are not allergic to alcohol.

During the epidemic of the intestinal virus, other effective hand disinfectants should be selected. Hand disinfectant meets the relevant requirements of GB 27950.

7 Hand hygiene management

7.1

The manager of the crowd gathering place develops a hand hygiene system, and posts a flow chart of the "six-step hand washing method" to implement hand hygiene measures.

7.2

The manager of the crowd gathering place regularly conducts hand hygiene training for the staff, and guides the public entering the place to properly do hand hygiene.