



**US Army Corps  
of Engineers®**

# ENGINEERING AND CONSTRUCTION BULLETIN

**No. 2011-23**

**Issuing Office: CECW-CE**

**Issued: 18 Oct 2011**

**Expires: 18 Oct 2013**

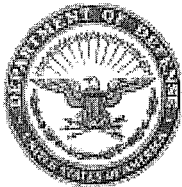
**Subject:** The Army Standard for Urinals

**Applicability:** Directive

1. Reference: DAIM-ZA Memorandum for Record, 28 March 2011, Recession of the Army Standard for Urinals - (enclosure).
2. The referenced DAIM-ZA rescinds the requirement of the mandatory use of non-water (waterless) urinals for MILCON projects or major repairs not yet solicited effective immediately. In addition to changing the Army Installation Design Standard, both UFGS 22 00 00 "Plumbing General Purpose", UFGS 22 00 70 "Plumbing Healthcare Facilities" and UFC 3-420-01 "Plumbing Systems" will be revised accordingly, specifically:
  - a. Urinals in Army Facilities shall comply with ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, Standard for the design of High-Performance Green Buildings (except Low-Rise Residential Buildings: Low-rise residential building means any building three stories or less in height above grade that includes sleeping accommodations where the occupants are primarily permanent in nature (30 days or more).
  - b. Chapter 6 Water Efficiency, section 6.3 Mandatory Provisions, paragraph 6.3.2.1 Plumbing Fixtures and Fittings: Urinals: Maximum flush volume when determined in accordance with ASME A112.19.2/CSA B45.1 - 0.5 gal (1.9 L). Non-water urinals shall comply with ASME A112.19.19 (vitreous china) or IAPMO Z124.9 (plastic) as appropriate.
  - c. Non-water urinals may be utilized as part of an overall water efficiency strategy; DAIM-ZA Memorandum for Record, 28 March 2011 relieves the mandatory use of non-water urinals.
  - d. When non-water urinals are to be incorporated into the plumbing design:
    - (1) Authorization from the installation DPW or facility manager is required to assure O&M requirements will be met.
    - (2) Provide non-water urinals that incorporate a liquid trap, non-water urinals with mechanical traps are not allowed.
    - (3) When multiple non-water urinals are to be ganged together the most upstream urinal shall be a watered urinal (max 0.5 gal flush) to assure flushing of the sanitary drain line.
  - e. Further guidance on the use and design implementation of non-water urinals is forthcoming and will be published under a separate ECB.
3. Point of contact for this ECB is Thomas Jamieson, CECW-CE, 570-650-0582.

Encl

JAMES C. DALTON, P.E., SES  
Chief, Engineering and Construction  
Directorate of Civil Works



DEPARTMENT OF THE ARMY  
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT  
600 ARMY PENTAGON  
WASHINGTON, DC 20310-0600

DAIM-ZA

MSF 28 00

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Rescission of the Army Standard for Urinals

1. References:

a. Memorandum for Record, DAIM-ZA, 5 April 2006, subject: The Army Standard for Urinals (encl).

b. Memorandum, Assistant Secretary of the Army Installations, Energy & Environment, 27 October 2010, subject: Sustainable Design and Development Policy Update (Environmental and Energy Performance).

2. The Army Standard for Urinals (ref. 1.a.) is immediately rescinded.

3. Urinals in Army facilities will comply with ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings (Except Low-Rise Residential Buildings), American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and U.S. Green Building Council, Dec 09, as specified in reference 1.b.

Encl  
as

RICK LYNCH  
Lieutenant General, GS  
Assistant Chief of Staff for Installation  
Management

DISTRIBUTION:

Secretary of the Army (DACS)

Chief of Staff, Army (DACS)

Vice Chief of Staff, Army (DACS)

Assistant Secretary of the Army (Acquisition, Logistics and Technology) (SAAL)

Assistant Secretary of the Army (Civil Works) (SACW)

Under Secretary of the Army (DACS)

Administrative Assistant to the Secretary of the Army (AASA)

Assistant Secretary of the Army (Installations, Energy and Environment) (SAIEE)

(CONT)

DAIM-ZA

SUBJECT: Rescission of the Army Standard for Urinals

DISTRIBUTION: (CONT)

Assistant Secretary of the Army (Financial Management and Comptroller) (SAFM)

Assistant Secretary of the Army (Manpower and Reserve Affairs) (SAMR)

General Counsel (SAGC)

The Inspector General (SAIG)

Deputy Chief of Staff, G-1 (DAPE)

Deputy Chief of Staff, G-3/5/7 (DAMO)

Deputy Chief of Staff, G-4 (DALO)

Chief, Information Officer, G-6 (SAIS)

Chief, Army Reserve (DAAR)

Chief, National Guard Bureau (NGB-CC)

Chief of Engineers (DAEN)

The Judge Advocate General (DAJA)

Army Enterprise Integration Oversight Office

Installation Management Command (IMCOM)

Sergeant Major of the Army (DACS)

US Army, Europe, and Seventh Army (AEAGS-SA)

US Army Materiel Command (AMCGS)

US Army Forces Command (AFCI-A)

US Army Training and Doctrine Command (ATIM-T)

US Army Special Operations Command (AOEN)

US Army Corps of Engineers (CECI-T)

US Army Medical Command (MCIM)

US Army, Pacific (APIM-OIR)

Eighth US Army (FKEN)

Military Surface Deployment and Distribution Command (SDG6-PT)

US Army Military District of Washington (ANSG-SA)

US Army Intelligence and Security Command (IAIM-VI-P)

US Army Criminal Investigation Command (CIIM-ZA)

US Army Space and Missile Defense Command (SMDC-EN)

The Auditor General (SAAG)

Director, Small and Disadvantaged Business Utilization (SADBU)

Provost Marshal General (DAPM)

CF:

Deputy Under Secretary of the Army (Operations Research) (SAUS-OR)

Chairman, Army Reserve Forces Policy Committee (SASA-RF)

Chief of Legislative Liaison (SALL)

Chief of Public Affairs (SAPA)

Director of the Army Staff (DACS)

Deputy Chief of Staff, G-2 (DAMI)

(CONT)

DAIM-ZA

SUBJECT: Rescission of the Army Standard for Urinals

(CONT)

Deputy Chief of Staff, G-8 (DAPR)

The Surgeon General (DASG)

Chief of Chaplains (DACH)