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MEMORANDUM

From: Edward L. Bock
CG HSWL SC (se)

Reply to CDR Beth Osterink
Attn of: (757) 628-4403

To: CEU TOPL

Subj: HEXAVALENT CHROMIUM SURFACE CONTAMINATION THRESHOLD
GUIDANCE

Ref: (a) Your memo 11131/21-202 dated 29 SEP 21
(b) OSHA 29 CFR 1910.26 – Chromium (VI)
(c) OSHA Technical Manual, TED 01-00-015
(d) ACGIH, 2021 TLVs and BEIs

- On 12 October 2021 I received reference (a) requesting clarification on surface contamination limits for hexavalent chromium [chromium (VI)]. Per reference (b), we must maintain all surfaces as free as practicable of chromium (VI) accumulations. Accessible contaminated surfaces require cleaning and must follow methods prescribed in reference (b). Inaccessible areas with known chromium (VI) contamination must be recorded and clearly marked to ensure it is not disturbed during maintenance or renovation and personnel are properly protected.
- After cleaning, units can use the exposure risk-based criteria in Table 1 based on references (b) to (d) for as free as practicable to evaluate the effectiveness of controls and hygiene practices.

Table 1. HSWL SC (se) Recommended Chromium (VI) Surface Contamination Criteria

Criteria ($\mu\text{g}/100\text{cm}^2$)	Location
< 0.05	Designated eating and drinking areas
≤ 2.0	Non-regulated Areas: Floors and accessible areas (includes ventilation systems and components)
As free as practicable	OSHA Regulated Areas: Floors and accessible areas

- The HSWL SC (se) primary contact for this matter is CDR Beth Osterink, HSWL SC (se-eh), Environmental Health Branch Chief at 757-628-4403 or Beth.A.Osterink@uscg.mil.

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Encl: CG CEU TOPL memo dated 29 Sep 2021

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CG Aviation Logistics Center