

4 Removable Contamination Limits for Packing and Transportation^{1,2}

Table 4.1 Removable external radioactive contamination wipe limits

Contaminant	Maximum Permissible Limits	
	$\mu\text{Ci}/\text{cm}^2$	dpm/cm ²
Beta-gamma emitting radionuclides; all radionuclides with half-lives less than ten days; natural uranium; natural thorium; uranium-235; uranium 238; thorium-232; thorium-228, and thorium-230 when contained in ores or physical concentrates	10^{-6}	22
All other alpha-emitting radionuclides	10^{-6}	2.2

¹Primary Requirements for Shipping and Transportation, U.S. Department of Transportation 49 CFR 173, Section 173.443, Contamination Control, October 1993.

²Administrative Guide for Packaging and Transportation of Radioactive Material, U.S. Nuclear Regulatory Commission 10 CFR part 71, June 1974.