

Escalator Step/Skirt Performance Requirements

Applicable ASME Code Edition	Step/Skirt Performance Index	Skirt Lubrication Allowed	Loaded Gap Required
All escalators installed prior to January 31, 2001 (Effective Date of A17.1d-2000)			
A17.1 and A17.3	≤ 0.15 Skirt deflector not required > 0.15 to ≤ 0.4 Skirt deflector required > 0.40 Not in compliance	Yes (Note 1)	Indirectly Index compliance limits gap (Note 2)
All escalators installed after January 31, 2001 (Effective Date of A17.1d-2000) and prior to October 4, 2002 (Effective Date of A17.1a-2002)			
A17.1d-2000 and A17.1-2000	≤ 0.15 Skirt deflector not required > 0.15 to ≤ 0.4 Skirt deflector required > 0.40 Not in compliance	No	Yes 5 mm Maximum 0.2" Maximum
All escalators installed after October 4, 2002 (Effective Date of A17.1a-2002)			
A17.1a-2002 and Later	≤ 0.15 Skirt deflector not required > 0.15 to ≤ 0.25 Skirt deflector required > 0.25 Not in compliance	No	Yes 5 mm Maximum 0.2" Maximum

Note 1: A17.1a-1982 thru A17.1c-1999 required skirt panels adjacent to the steps shall be smooth and made from a low friction material or treated with a friction reducing material.

Note 2 There is no loaded gap measurement for escalators installed under A17.1c-1999 and earlier editions, maximum step-to-skirt clearance is what was required by the code in effect at the time of installation. (See Inquiry 01-46)