

Approval of 37i6r4 - Improved Performance Requirements – CPHC

March 16, 2017

Comments

Submitter	Vote	Comment, Proposal, and Response
Kevin Smith	NO	<p>The Acceptance Criteria as proposed in 6.1.3 and 6.2.3 may not be clear to all users. The use of the specialized terms “minimum individual point velocity” and “average minimum velocity” suggest that those are characteristic values for each curtain and are calculated using a specific equation. However, no equations for calculating those specific values are provided in the Standard. If those are terms commonly used in the industry to characterize an air curtain, those equations should be provided. Alternatively, I believe it will be more clear if the criteria is spelled out using common language that describes what limits that must be met based on the measurements taken during the particular test methods described in the 6.1.2 and 6.2.2.</p> <p>My suggestions for modifying the acceptance criteria in 6.1.3 to eliminate special terms that are not defined in the Standard are shown below. Nearly identical changes could be made to the criteria in 6.2.3. I am restating the criteria based on my understanding what was intended by the proposed specific terms of “minimum individual point velocity” and “average minimum velocity”. If I am incorrect in my understanding and my proposed edits actually change the intended meaning, then all the more reason to add clarity to what was meant by those terms.</p> <hr/> <p><i>6.1.3.1 When operated in accordance with the manufacturer’s instructions, the air velocities measured below the airstream discharge nozzle at one-third of the maximum effective airstream height on the grid specified in 6.1.2.2, shall meet the following criteria:</i></p> <ul style="list-style-type: none"> <i>- each individual air velocity measurement shall be 400 ft/min (2.03 m/s) or greater, and</i> <i>- the mean value of all air velocity measurements shall be of 600 ft/min (3.05 m/s) or greater.</i> <p><i>6.1.3.2 When operated in accordance with the manufacturer’s instructions, the air velocities measured 10 in below the airstream discharge nozzle on the grid specified in 6.1.2.3, shall meet the following criteria:</i></p> <ul style="list-style-type: none"> <i>- each individual air velocity measurement shall be 600 ft/min (3.05 m/s) or greater.</i> <p>Make similar changes in 6.2.3.1 and 6.2.3.2. Also, add metric conversion for 10 inches in 6.1.3.2.</p>