49i199r1 - Canopy Connection Set Point – Ballot

Comments

May 13, 2025

Vote – 17 : 1 : 0 (Yes : No : Abstain)

Submitter	Vote	Comment
Williams, Steve - NSF	Negative	Summary: The ballot doesn't go as far as I'd like in Annex N-1. I can live with this and move on as it was the clear consensus of the rest of the TG. I'm voting no because the ballot does not include updated instructions for balancing a canopy connected cabinet in Annex N-5. TG discussion demonstrated field certifiers do not look for canopy instructions but instead just look to insure there is capture at the canopy inlet openings. As we have decided it is important for the manufacturer to provide set up instructions, those instructions should be followed in the field. Proposed Solution: Add the following language to N-5, preferably in a new section, N-5.1.4: **When a cabinet is first set up with a canopy connection listed as an acceptable option, balance cabinet airflows following manufacturer instructions for canopy connection set up.**
Sage, Bill - NSF	Observer Comment	Summary: This language adds little value if field certifiers are not required to follow the manufacturer's setup instructions for canopy connections included as acceptable options in the listing. Testing only the canopy exhaust alarm at loss of smoke capture is not sufficient to ensure the canopy will maintain inflow during exhaust failure if the manufacturer's setup instructions are not followed. NSF has tested several canopy connections that have passed the exhaust alarm test but failed the inflow reduction test. Manufacturers have changed their setup instructions, not the physical design, in order to pass both tests. Due to that, listed canopy connections are potentially less safe than non-listed canopies since field certifiers aren't required to follow the manufacturer's instructions or complete the inflow reduction test (N-5.7.3.2.2.1.b). Proposed Solution: I suggest adding language requiring field certifiers to follow the manufacturer's setup instructions for listed canopy connections.