

## ERRATA

It has been brought to the Z87 Committee’s attention that the recently-published copy of ANSI/ISEA Z87.1-2020 *American National Standard on Occupational and Educational Personal Eye and Face Protection* contains the following errors of omission:

### Section 9.18.3 – Dust Test

Text presented in the draft under consensus balloting and public review was inadvertently absent in the final, published version. The unintentional oversight was committed during the editing of the final document for publication. The additional text is as stated below:

#### 9.18.3 Procedure

Soak the blotting paper in water, and then shake off any excess. Using the reflectometer, measure the reflectance of each of the two circles on the wet blotting paper and on the white comparison sample. Calculate the starting mean reflectance value of the two circles, relative to the value of the white reference.

Cover the headform with layers of absorbent cotton lint. Place the sheet of moist white blotting paper over the lint, with the marked circles centered over the eyes of the headform. Mount the protector on the headform. Adjust the headband to a normal degree of tension. Adjust the number of layers of lint, as necessary, to ensure a good seal between the protector and the headform. Mount a second piece of moist blotting paper, attached vertically on the headform or on any support near the headform. Measure the reflectance of the second piece of moist blotting paper. A reflectance value of less than 30% would indicate that sufficient coal dust was circulating during the test.

Place the headform in the dust chamber, close the chamber, and operate the blower for 60 ± 2 seconds. Allow the dust chamber to remain undisturbed for 30 ± 2 minutes, then remove the headform. Carefully remove the blotting paper from the headform, ensuring that no additional dust is deposited on the areas of the circles.

Within 2 minutes of removal, re-measure the reflectance of the two circles relative to the white comparison sample. Calculate the final mean reflectance value. One complete device shall be tested.

### Table 3, Markings – Specific to Anti-Fog

Additionally, the Z87 Committee is providing clarification related to the markings for anti-fog lenses. It was not the intention of the Committee to disallow anti-fog marking (designated by “X”) on the complete device. The Committee confirms that markings for anti-fog lenses extend to the complete device as such is consistent with the marking conventions for the other lens-specific attributes identified in the standard.

Table 3. Marking Requirements				
Type of Mark	Lenses & Replacement Lenses		Frame <sup>1</sup>	Marking for Complete Device (no replaceable components) <sup>2</sup>
	Spectacles	All Other		
The following shall be required only when claims of impact rating, a specific lens type and/or use are made by the manufacturer.				
<b>Lens Type</b> Anti-Fog	<b>X</b>	<b>X</b>		<b>X</b>