



Date: 13 March 2017  
Memo to: Seth Satorius  
From: Kenneth Barat, SSC-8 Chair  
Subject: ANSI Z136.8, Proper signage, 4.1.1.3 vs 4.2.7

### Question

This inquiry was submitted on 1 March 2017 to Laser Institute of America (LIA) for response by ANSI ASC Z136

"I have a question about ANSI Z136.8. At 4.1.1.3, it seems to say unattended 3B and 4 laser operations require a "danger" sign. However, at 4.2.7 it seems to indicate that a "warning" sign is what would be required. Can you clarify for me what the difference is?"

It was determined that the question falls in the category of "explanation" under the guidelines of ANSI and procedures of ASC Z136. Specifically,

"An 'explanation' relates to a simple clarification of a portion of a standard as it is written, e.g., a clarification of a definition, a simple request for assistance in calculations based on tabular material. An explanation does not address the *implication* or *intent* of a portion of the standard.

"Requests judged to be 'for explanation only' are directed to an appropriate member of the Committee or its subcommittees for the formal response."

### ANSI Z136 SSC-8 Response

Section 4.2.7, states a warning sign needs to be posted indicating unattended operation. By warning sign, it means the standard ANSI laser warning sign, it does not mean the signal word must be "Warning". Therefore, there is no conflict with the guidance given in Section 4.1.1.3, which directs that the signal word to be used is "Danger".

It is very easy to see, since the word warning is prominent in section 4.2.7 how the confusion can arise. We hope to address this in the upcoming revision of Z136.8.

