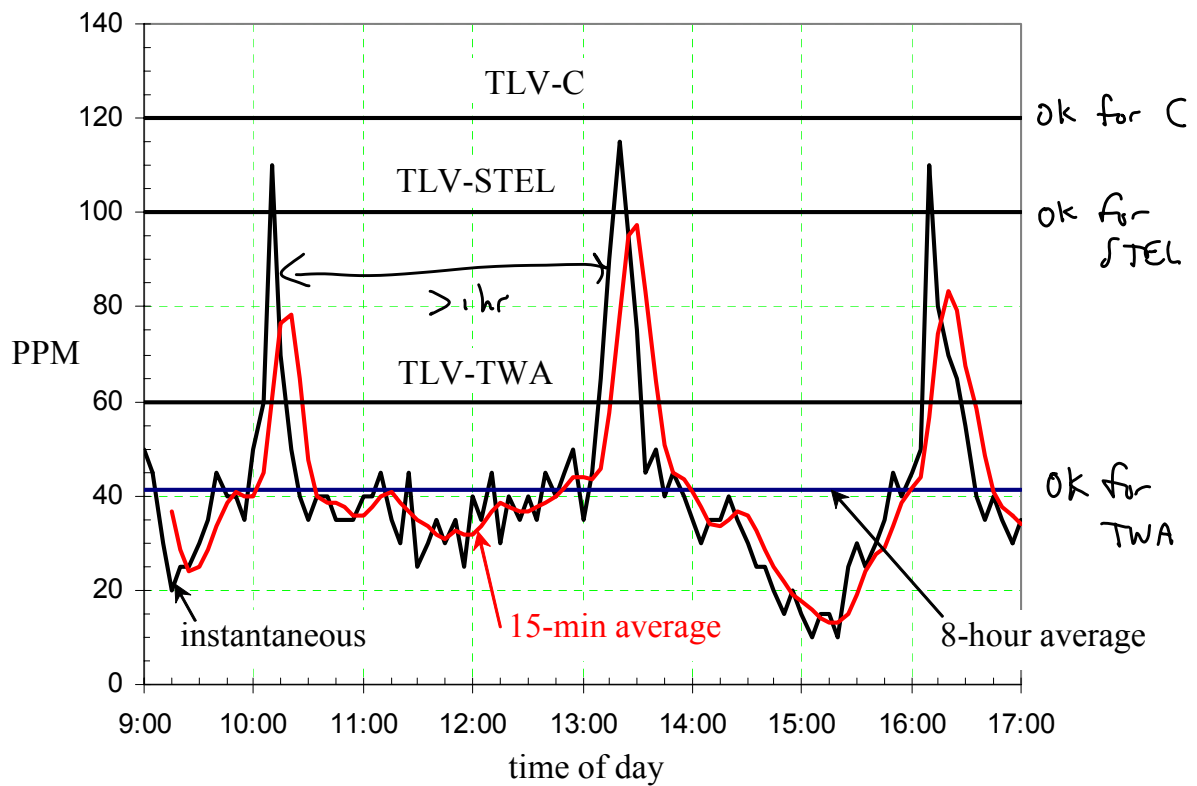


Example – How to determine if there is a violation of the exposure limits or standards.  
*Note:* Here we use ACGIH TLV standards, which are not enforceable. However, the same kind of analysis can be performed with OSHA PEL values, which *are* enforceable.

[*Note:* The plot in the text has an error, namely the horizontal axis shows nine rather than eight hours of data. The plot is corrected below.]



**Figure 3.1** Instantaneous and running 15-minute average mol fraction of a contaminant compared to ACGIH standards for an 8-hour work day.