**Interpretation of**

**ANSI/AMCA Standard 204-2005**

**Balance Quality and Vibration Levels for Fans**

**#1**

(Approved 8/05/2020)

**Request from**: Jeremiah Graaf, United Metal Products, Inc (UMP), 1920 E. Broadway Rd., Tempe, AZ 85282

**Reference:** The request for interpretations refers to the requirements presented in AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans, Sections 6.3 and 6.4, Tables 6.2 and 6.3 relating to Factory Testing vs In-Situ Testing

**Background:** UMP is a manufacturer of air handlers. We also, for some products, assemble fans. Because of this, UMP is seen as a manufacturer of fans by our customers. However, we also purchase assembled fans and install them into our units. AMCA 204-05 Table 6.2 states “Seismic Vibration Limits for Test Conducted at the Factory”. In cases where we purchase the fans, there are now two factories involved, the fan manufacturer and the air handler manufacturer. The standard does not differentiate between factories or manufacturers.

**Interpretation**: Our interpretation of the standard is that, if an air handler manufacturer purchases an assembled fan, then the fan manufacturer is held to the factory testing criteria and the air handler manufacturer is held to the in-situ testing criteria, since installation factors now influence the fan.

**Question:** Is this Interpretation correct?

**Answer:** Interpretation is correct

**Comments:** [None]