

Measurement Excellents, The Road to Success

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Abstract

Measurement is key to managing any process, whether it is a technical, manufacturing or business system if you can't measure your process you can't control it. At Cummins we have developed eight basic principles we use to establish excellence in measurements systems. These principles or Excellents Statements are intended to establish an ideal model that each of our plants, technical centers and business units use to develop, implement and maintain measurement systems critical to their processes. These excellents statements were designed to apply equality to technical systems as well as business systems.

The statements outline the need for the qualified resources, capable measurement equipment, the need for measurement R&D and several other critical aspects of successful measurement systems. In addition to the basic statements, recommended training, examples and supporting documentation were identified by the core development team to help the user understand the intent of the statement and how to best achieve it. These statements were also designed to establish the bases of an audit system so that effectiveness of a plant, technical center etc. measurements systems can be assessed. In my presentation I will review these statements and how they have been implemented throughout the Cummins organization.