



1 Metric to Find If RoHS/REACH Declaration Collection Is Slow – Part 2

Far too many companies are not watching their material compliance efforts. The attitude is that as long as there is apparent compliance, there is no reason to do anything beyond what is already in place. Because of this perception, these efforts frequently perform poorly. It is very well known that what is watched gets better, and the other things not. A good, but simple metric is division of the total man-hours by the quantity loaded, which is the average hours to collect a declaration. See earlier Post [1 Metric to Determine If RoHS/REACH Declaration Collection Is TOO Slow](#)

What else can you do with this data? In fact, there are many things. The simplest, is to use the monthly collection rate to make project determinations. You can determine the current work backlog, with resources remaining constant, and the total number of parts that require declarations. By multiplying the total number of parts that require declarations by the average hours (determined above), you determine man-hours needed, or the current backlog. Divide this man-hour number by the available resources on an average day to find the number of working days required to deliver the declarations. Is this back log acceptable?

Similarly, if someone comes to you with a quantity of new parts that need declarations, You can determine much more resource is needed to complete the new list, after the current backlog is completed,



If the predicted completion dates are not acceptable, you can use the numbers to determine what project management actions are needed for an acceptable execution. Determine the number of parts that would be late for their declarations. Divide this number by the rate calculated earlier and you have the additional man-hours needed to pull in the completion date or the improvement that would be needed by the current resources. This observation may support efforts to reduce the man-hours to collect a declaration.

Fortunately, once the business is gets interested in their RoHS and REACH part declaration collection, it is often very easy to make significant improvements. Six Sigma and Lean methods can be applied in small, medium, and large companies to make declaration collection more effective and responsive.

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