

Perry's Solutions, Inc

Quarterly Newsletter

February 2013

Welcome to our newsletter. It provides bullet inputs for your consumption. If you receive value from this, please share it with your network (e.g., LinkedIn, Twitter, Facebook).

REQUIREMENTS FOR INNOVATION - PRESENTATION

On February 26, Perry will provide a presentation regarding how to develop requirements in an innovative environment. This will be at the ASQ Professional Development Summit. The topic of requirements always seems to be an important yet difficult area. Our industry survey from 2 years ago confirmed the criticality of the struggle for organizations. What is the solution? This presentation will provide a starting framework – with practical use experiences – to help development in innovative areas.

SAMPLE SIZE THINKING

The most common question people ask us is “what sample size should I use.” Which normally means, how few can I use and still have reasonable confidence. The only time you know you are right, is when it works long term in the field. How do you decide what to use? Three components. 1) Mathematics. Unfortunately, there are several approaches and they do not come up with the same values. Pick a method you “like” and stick with it. 2) Representative. You want to represent reality. For instance, make sure that you use samples from each mold, unless you have proven they are all the same. 3) Belief. I have asked “what is your customer going to believe?” If they say “nothing less than 50” and it is not a major cost driver, then let’s not argue the math to support running only 15.

HOW TO SETUP A GOOD DOE - VIDEO ON YOUTUBE

We recently created a short video about how to set up a good Design Of Experiment! Know what question you need to resolve, know how you can track progress and get an approach that covers likely scenarios. If you are stuck, it is likely more than one or two things that need to be considered. This little bit of planning creates a major advantage. It can resolve the competing requirements that often hold back New Product Development.

Have a great day!

The logo for Perry's Solutions, Inc, featuring the name "Perry" in a stylized, blue, cursive font.

651-230-3861

Perry@PerrysSolutions.com

www.PerrysSolutions.com

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