GLOSARRY

ANOVA   : Analysis of Variance

DOE   : Design of Experiment

H0   : Null hypothesis

H1   : Alternative Hypothesis

F-value   : statistic test used to determine whether the term is associated with the response.

P-value   : a probability that measures the evidence against the null hypothesis. Lower probabilities provide stronger evidence against the null hypothesis.

R_a : Average roughness of a surface

R_z : The difference between the tallest "peak" and the deepest "valley" in the surface.

T−Value   : measures the size of the difference relative to the variation in your sample data.

H-Value   : test statistic

Z-Value   : The z-value indicates how the average rank for each group compares to the average rank of all observations.

Mean Rank   : the average of the ranks for all observations within each sample.

Median   : the midpoint of the data set.

Mean   : the mean of the observations within each group

Adjusted P-Value   : The adjusted p-value indicates which pairs within a family of comparisons are significantly different.

Difference of Means   : This value is the difference between the sample means of two groups.