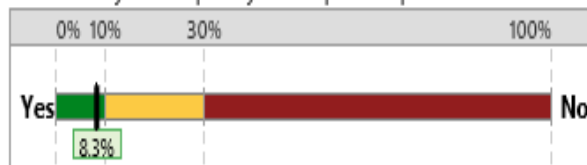


Gage R&R Study for Results Summary Report

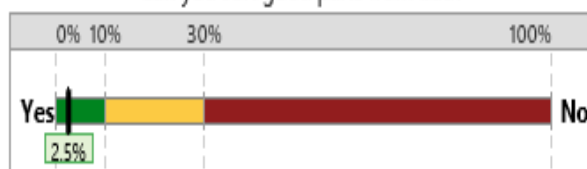
Can you adequately assess process performance?



The measurement system variation equals 8.3% of the process variation.

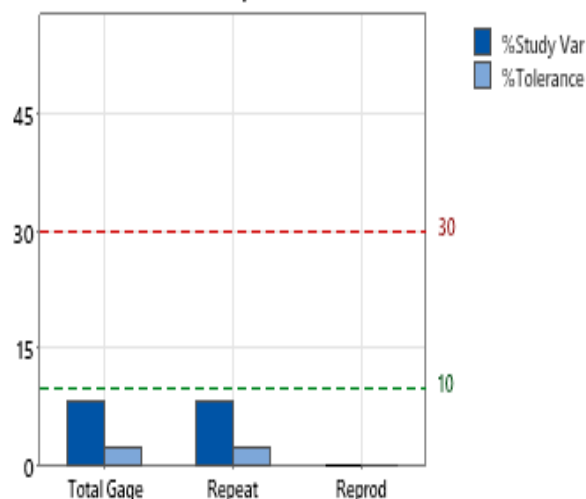
The process variation is estimated from the parts in the study.

Can you sort good parts from bad?



The measurement system variation equals 2.5% of the tolerance.

Variation by Source



Study Information

Number of parts in study	10
Number of operators in study	3
Number of replicates	2

(Replicates: Number of times each operator measured each part)

Comments

General rules used to determine the capability of the system:

- <10%: acceptable
- 10% - 30%: marginal
- >30%: unacceptable

Examine the bar chart showing the sources of variation. If the total gage variation is unacceptable, look at repeatability and reproducibility to guide improvements:

- Test-Retest component (Repeatability): The variation that occurs when the same person measures the same item multiple times. This equals 100.0% of the measurement variation and is 8.3% of the total variation in the process.
- Operator component (Reproducibility): The variation that occurs when different people measure the same item. This equals 0.0% of the measurement variation and is 0.0% of the total variation in the process.

Part No.072-100094200-02

Gage name: RO 3756

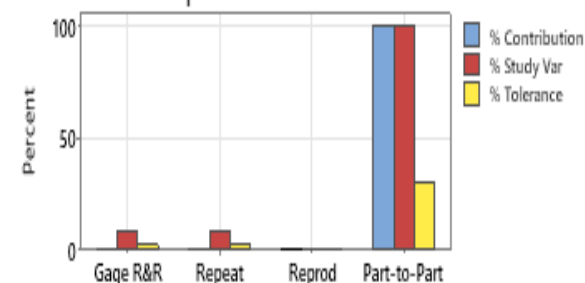
Date of study: 16.09.2022

Reported by: Moraru Catalin

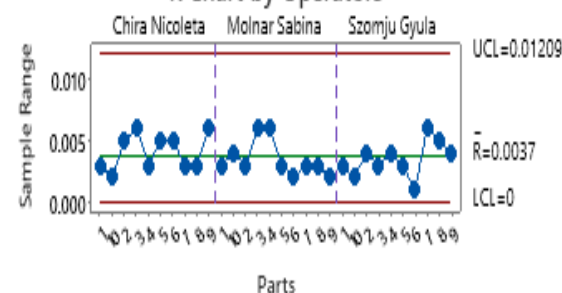
Tolerance: 0.3

Misc: 7.8

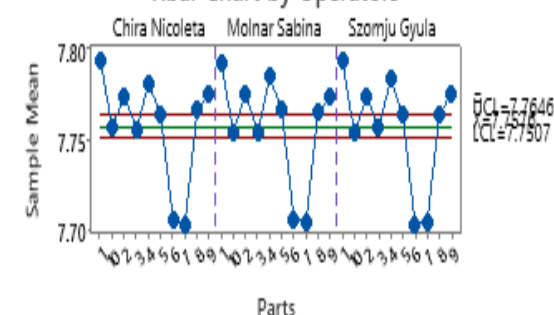
Components of Variation



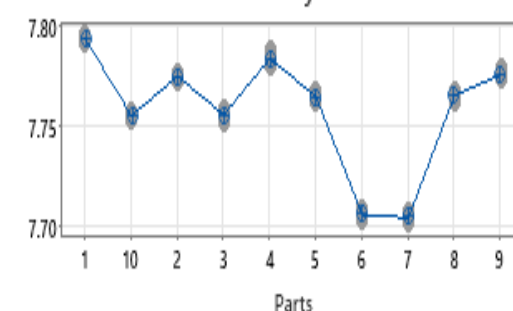
R Chart by Operators



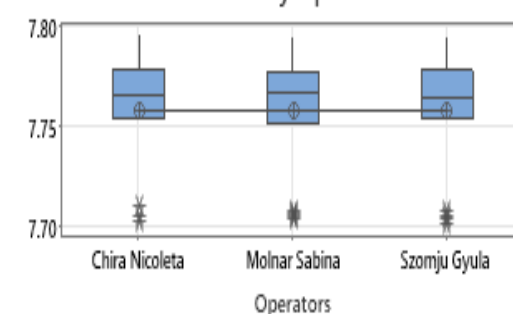
Xbar Chart by Operators



Results by Parts



Results by Operators



Parts * Operators Interaction

