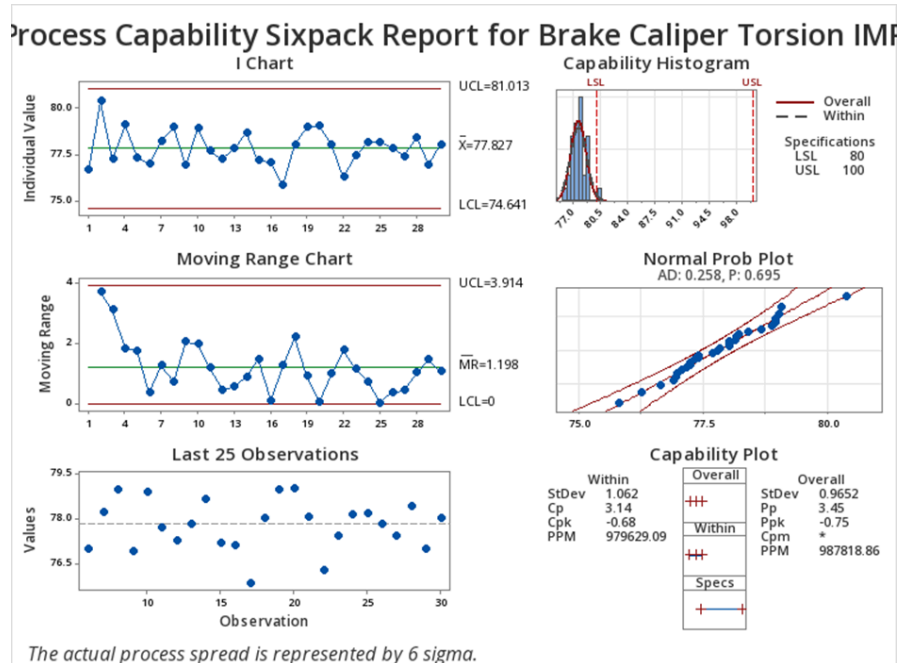


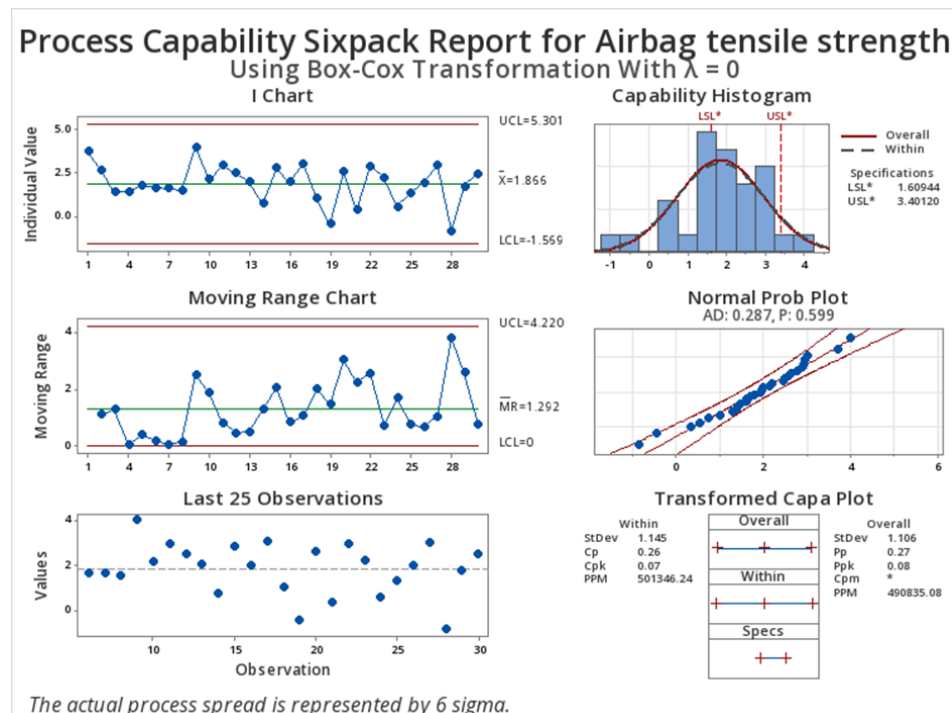
## Process capability of Brake Caliper Torsion



Ppk = -0.75, Data is normal and stable, but does not meet the spec (Ppk is below the LSL)

## Process Capability of Airbag Fabric Tensile Strength

Strength is specified to be between 5 and 30 k-oz



$Ppk < 1$ , process is not capable

**Ppk for Airbag Defect Rate**

Category	Entry or results
Number of Units	1000
Defects	370
Defect opportunity per Unit	5
Defects per Opportunity	0.074
Process Sigma	2.95
Ppk	0.48

Process not capable since  $Ppk = 0.48$

Goal: Defects to be below 100 found per 1000 airbags

Category	Entry or results
Number of Units	1000
Defects	100
Defect opportunity per Unit	5
Defects per Opportunity	0.020
Process Sigma	3.55
Ppk	0.68

Goal:  $Ppk \geq 0.68$