ABBREVIATIONS

ACT – Automotive Core Tools
AIAG – Automotive Industry Action Group
APQP – Advance Product Quality Planning
CFT – Cross Functional Team
CI – Continuous Improvement
Cpk – Process Performance Indicator
CQI – Continuous Quality Improvement
FMEA – Failure Modes & Effect Analysis
KPI – Key Performance Indicator
MSA – Measurement System Analysis
OEM – Original Equipment Manufacturer
PPAP – Production Part Approval Process
QA – Quality Assurance
QC – Quality Control
QMS – Quality Management System
R&R – Repeatability & Reproducibility
SMEs – Small-to-Medium Enterprises
SPC – Statistical Process Control
GLOSSARY OF TERMS

1. Automotive Core Tools (ACTs)
   Automotive Core Tools are techniques used mainly in automobile supply chain for quality improvement. It comprises of
   - Advance Product Quality Planning (APQP)
   - Failure Modes & Effect Analysis (FMEA)
   - Measurement System Analysis (MSA)
   - Statistical Process Control (SPC)
   - Production Part Approval Process (PPAP)

2. Automotive Industry Action Group (AIAG)
   The Automotive Industry Action Group is an organization, globally recognized, founded in 1982. It was founded by Chrysler, Ford Motor Company, and General Motors. AIAG focuses on continuous quality improvement throughout the supply chain.

3. Advance Product Quality Planning (APQP)
   APQP is a tool, in fact, the process used for planning of product quality at early stages.

4. Cross Functional Team (CFT)
   Cross function team is team consists of members from various departments of the organization.

5. Process Performance Indicator (Cpk)
   It is a statistical measure of process capability. It shows the ability of a process to produce parts (“output”) within specification limits.

6. Continuous Quality Improvement (CQI)
   It is quality management approach stressing on improvement in organizational processes continuously.
7. Failure Modes & Effect Analysis (FMEA)
   It is one of the auto core tools. It is a method for identifying all possible failures and their related failure modes. It is a preventive method.

8. Key Performance Indicator (KPI)
   It is quantifiable measures that can be used to monitor performance over time.

9. Measurement System Analysis (MSA)
   It is one of the auto core tools. It is used to measure the variation in measurement system with the aim to reduce the same.

10. Production Part Approval Process (PPAP)
    It is one of the auto core tools. It is used to take approval of product and processes from customers.

11. Quality Management System (QMS)
    It is an interaction of business processes, concentrated on complying with customer requirements as well as improving its effectiveness progressively.

12. Statistical Process Control (SPC)
    It is one of the auto core tools. It is the method used to monitor and control processes.