FMEA Quality Objectives

1. **DESIGN IMPROVEMENTS** The FMEA drives product design or process improvements as the primary objective.

2. **HIGH RISK FAILURE MODES** The FMEA addresses all high-risk failure modes with effective and executable action plans.

3. **DVP&R/CONTROL PLAN** The Design Verification Plan & Report (DVP&R) or the Process Control Plan (PCP) considers the failure modes from the FMEA.

4. **INTERFACES** The FMEA scope includes integration and interface failure modes in both block diagram and analysis.

5. **LESSONS LEARNED** The FMEA considers all major "lessons learned" (such as high warranty, campaigns, etc.) as input to failure mode identification.

6. **LEVEL OF DETAIL** The FMEA provides the correct level of detail in order to get to root causes and effective actions.

7. **TIMING** The FMEA is completed during the "window of opportunity" whence it can most effectively influence the product or process design.

8. **TEAM** The right people are adequately trained in the procedure and participate on the FMEA team throughout the analysis.

9. **DOCUMENTATION** The FMEA document is completely filled out "by the book," including "Action Taken" and final risk assessment.

10. **TIME USAGE** Time spent by the FMEA team is an effective and efficient use of time with a value added result.