

**FMEA:**  
**How to do it right and the litigation  
consequences of doing it wrong**











See Appendix B for an example FMEA. This example is an excerpt from a fictitious Design FMEA on a projector lamp.

2.7.2







FMEA entries should focus on areas of concern to at least one member of a properly constituted FMEA team.

Beware of using Risk Priority Number (RPN) as the sole metric to prioritize risk. High-severity

Defense expert,





a robust design. Most worrisome is

5. SAE ARP5580, *Recommended Failure Modes and Effects Analysis (FMEA) Practices for Non-Automobile Applications* [2001]
6. IEC 60812, *Analysis techniques for system reliability ó Procedure for failure mode and*

**Appendix A**  
**Glossary of FMEA terms**

mechanism. If a cause occurs, the corresponding failure mode occurs. There can be many causes for each failure mode.

***Occurrence***









## **Mistake No. 4: interfaces**

**FMEA**





