Module II. Process Quality Improvement

Lecture – 7 In what way failure mode and effect analysis (FMEA) helps process improvement initiative?

Like Design FMEA, as discussed elaborately in Module 3, process FMEA can also be performed to remove any possibility of process failures. All failure modes, causes of failure(s), severity, occurrence and detection rating are to be determined and reduction of RPN number by taking corrective action is the standard procedure of preparing and following Process FMEA. More discussion is given in QS 9000 (http://en.wikipedia.org/wiki/QS9000) document on process FMEA (http://asq.org/learn-about-quality/process-analysis-tools/overview/fmea.html; http://www.qualitytrainingportal.com/resources/fmea/fmea_process.htm). Reader may refer Module 3 to understand the basic steps of FMEA and rating system.