

Risk Assessment Process

Systematic approach to identifying and reducing machine hazards

Machine function,
operator tasks,
environment

Step 1: Determine Limits

All hazards
throughout
lifecycle

Step 2: Identify Hazards

Severity x
Probability x
Exposure

Step 3: Estimate Risk

Is risk
acceptable?

Step 4: Evaluate Risk

Apply hierarchy
of controls

Step 5: Reduce Risk

Iterate until
risk is
acceptable