

Occurrence Rating Scale

(Should be customized to meet the needs of your company.)

| Rating | Description | Potential Failure Rate |
|--------|---|---|
| 10 | Very High: Failure is almost inevitable. | More than one occurrence per day or a probability of more than three occurrences in 10 events ($C_{pk} < 0.33$). |
| 9 | High: Failures occur almost as often as not. | One occurrence every three to four days or a probability of three occurrences in 10 events ($C_{pk} \approx 0.33$). |
| 8 | High: Repeated failures. | One occurrence per week or a probability of 5 occurrences in 100 events ($C_{pk} \approx 0.67$). |
| 7 | High: Failures occur often. | One occurrence every month or one occurrence in 100 events ($C_{pk} \approx 0.83$). |
| 6 | Moderately High: Frequent failures. | One occurrence every three months or three occurrences in 1,000 events ($C_{pk} \approx 1.00$). |
| 5 | Moderate: Occasional failures. | One occurrence every six months to one year or five occurrences in 10,000 events ($C_{pk} \approx 1.17$). |
| 4 | Moderately Low: Infrequent failures. | One occurrence per year or six occurrences in 100,000 events ($C_{pk} \approx 1.33$). |
| 3 | Low: Relatively few failures. | One occurrence every one to three years or six occurrences in ten million events ($C_{pk} \approx 1.67$). |
| 2 | Low: Failures are few and far between. | One occurrence every three to five years or 2 occurrences in one billion events ($C_{pk} \approx 2.00$). |
| 1 | Remote: Failure is unlikely. | One occurrence in greater than five years or less than two occurrences in one billion events ($C_{pk} > 2.00$). |