

Example of Critical Equipment Classification

EVALUATION FACTOR	LEVEL 1	LEVEL 2	LEVEL 3
Safety <i>Risks to people</i>	Equipment failure could seriously harm people	Equipment failure causes risks to people	No consequence
Env <i>Risks to the environment</i>	Equipment failure seriously affects the environment	Equipment failure causes risks to the environment	No consequence
Quality <i>Effect of failure on product quality</i>	Failure affects quality, generating out-of-specification products or affecting seriously the revenue	Equipment failure makes product quality variable and affects revenue	No effect on product or revenue
Working Shift <i>Equipment usage</i>	Equipment is required 24 hours per day	Equipment is used more than half of a day	Occasional use
Production <i>Failure effect on production</i>	Equipment failure causes total interruption of production	Failure causes interruption of an important system or unit, or reduces	There is spare equipment or it is cheaper to repair the equipment after failure
Frequency	Many shutdowns due to failures (more the once per 6 months)	Occasional shutdowns (once per 6 months)	Not frequent (less than once a year)
Cost	Repair time and costs are very high	Repair time and costs are high	Repair time and costs are not significant