

Poka Yoke Mistake Proofing

Poka Yoke is Japanese for Mistake Proofing. The intention is to eliminate errors by making it physically impossible for the errors to occur.

ポカ Poka
(Mistake)

ヨケ Yoke
(Proofing)

Real Life Examples

- Bathtub overflow drains prevent floods
- Garage door sensors prevent closing on someone
- Diesel fuel nozzles don't fit into gasoline vehicles
- Microwaves won't run with the door open
- Lawn mowers stop when you let go of the handle
- Incompatible plug ins for different voltage power
- Interlock systems shutdown equipment in unsafe operating conditions

Poka Yoke ensures the cords are connected in the correct orientation by eliminating the opportunity for error

