

TOP 6 WORST-CASE SCENARIOS

Good design works on day one

Great design survives the worst day



WORST-CASE SCENARIO

#1

UNEXPECTED OVERLOADS



Future machines, higher storage, or temporary stacking push structures beyond original assumptions.

WORST-CASE SCENARIO

#2

EQUIPMENT FAILURE & IMPACT

Forklift hits, pallet drops, vibration, and shock loads happen—design must absorb them.



WORST-CASE SCENARIO

#3

MOISTURE, SPILLS & LEAKS



Water, chemicals, and cleaning cycles test floors, joints, and detailing every day.

WORST-CASE SCENARIO

#4

TEMPERATURE EXTREMES

Hot washdowns, cold storage, and seasonal changes stress materials and joints.



WORST-CASE SCENARIO

#5

HUMAN ERROR



Misuse, shortcuts, and operational mistakes are inevitable—design must be forgiving.

WORST-CASE SCENARIO

#6

DELAYED MAINTENANCE

Real buildings don't get ideal maintenance—robust design buys time.



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