1 / 12 · Advanced Application of Safety Principles

Why is prevention through design cheaper?

toeboardprep.com · free CSP check

2 / 12 · Advanced Application of Safety Principles

PtD covers which life-cycle stages?

toeboardprep.com · free CSP check

3 / 12 · Advanced Application of Safety Principles

Two meanings of PFD in process safety?

toeboardprep.com · free CSP check

4 / 12 · Advanced Application of Safety Principles

LOPA mitigated frequency?

toeboardprep.com · free CSP check

5 / 12 · Advanced Application of Safety Principles

When can a protection layer be credited in LOPA?

toeboardprep.com · free CSP check

6 / 12 · Advanced Application of Safety Principles

Relief device sizing basis?

toeboardprep.com · free CSP check

Original flashcards, never real or recalled exam questions. Not affiliated with or endorsed by BCSP or IHMM.

2 / 12 · Advanced Application of Safety Principles

Construction, operation, maintenance and demolition, not operation alone.

Prevention through design (concept)

toeboardprep.com · free CSP check

1 / 12 · Advanced Application of Safety Principles

Changing a drawing costs far less than changing a built facility.

Prevention through design (concept)

toeboardprep.com · free CSP check

4 / 12 · Advanced Application of Safety Principles

Initiating event frequency x PFD of each independent protection layer.

Layer of protection analysis (concept)

toeboardprep.com · free CSP check

3 / 12 · Advanced Application of Safety Principles

Process flow diagram, or probability of failure on demand.

Process safety (concept)

toeboardprep.com · free CSP check

6 / 12 · Advanced Application of Safety Principles

The worst credible case: fire, blocked outlet or runaway reaction.

Process safety (concept)

toeboardprep.com · free CSP check

5 / 12 · Advanced Application of Safety Principles

When it is independent, effective for the scenario and auditable.

Layer of protection analysis (concept)

toeboardprep.com · free CSP check

Original flashcards, never real or recalled exam questions. Not affiliated with or endorsed by BCSP or IHMM.

7 / 12 · Advanced Application of Safety Principles

Tool for which chemicals react dangerously together?

toeboardprep.com · free CSP check

8 / 12 · Advanced Application of Safety Principles

Construction fall protection trigger height?

toeboardprep.com · free CSP check

9 / 12 · Advanced Application of Safety Principles

Personal fall arrest: maximum free fall?

toeboardprep.com · free CSP check

10 / 12 · Advanced Application of Safety Principles

Personal fall arrest: maximum deceleration distance?

toeboardprep.com · free CSP check

11 / 12 · Advanced Application of Safety Principles

Maximum arresting force with a body harness?

toeboardprep.com · free CSP check

12 / 12 · Advanced Application of Safety Principles

Fall arrest anchorage strength?

toeboardprep.com · free CSP check

Original flashcards, never real or recalled exam questions. Not affiliated with or endorsed by BCSP or IHMM.

8 / 12 · Advanced Application of Safety Principles

6 ft or more to a lower level.

OSHA 29 CFR 1926.501(b)(1)

toeboardprep.com · free CSP check

7 / 12 · Advanced Application of Safety Principles

A reactivity (compatibility) matrix.

Process safety (concept)

toeboardprep.com · free CSP check

10 / 12 · Advanced Application of Safety Principles

3.5 ft.

OSHA 29 CFR 1926.502(d)(16)(iv)

toeboardprep.com · free CSP check

9 / 12 · Advanced Application of Safety Principles

6 ft, with no contact with a lower level.

OSHA 29 CFR 1926.502(d)(16)(iii)

toeboardprep.com · free CSP check

12 / 12 · Advanced Application of Safety Principles

5,000 lb per worker attached, or a qualified person's design with a safety factor of at least two.

OSHA 29 CFR 1926.502(d)(15)

toeboardprep.com · free CSP check

11 / 12 · Advanced Application of Safety Principles

1,800 lb.

OSHA 29 CFR 1926.502(d)(16)(ii)

toeboardprep.com · free CSP check

Original flashcards, never real or recalled exam questions. Not affiliated with or endorsed by BCSP or IHMM.