

PLF-S-BE - FLOOR LIFT SWIVEL INTEGRATION CONSIDERATIONS



future automation



High Risk - Crushing Hazard

Crush hazard between the top panel and the floor surface as the lift closes.



Mitigation

The top panel is constructed to allow vertical movement in the presence of an obstruction, causing the mechanism to return to open again.



High Risk - Crushing Hazard

Crush hazard between the screen and the floor surface when the mechanism is closing.



Mitigation

See general mitigations.



High Risk - Crushing Hazard

Crush hazard between the base panel and the floor surface when the mechanism is opening.



Mitigation

A Tapeswitch can be installed underneath the floor to detect any obstructions.



Low Risk - Cable Snagging

Hazard Cables could be snagged if not properly managed through and around the mechanism, causing damage to the mechanism and electronics.



Mitigation

Ensure sufficient cable slack is allowed around movement joints to prevent stretching and/or damage to the cables and/or mechanism.



High Risk - Crushing Hazard

Crush hazard below the mechanism when the mechanism is closing.



Mitigation

Ensure the area below the mechanism is kept clear at all times during operation. If installing or maintaining the mechanism, do so with the mechanism turned off.

GENERAL MITIGATIONS:

- Implement hold and run (Dead man switch operation).
- Control methods should be located within direct line of sight of the mechanism.
- Implement password or key switch protected operation.



For more information on **Pit integration** follow link or scan the QR below <https://fa.support/Files/PitGuidance>



For more information on **Tape Switch integration** follow link or scan the QR below <https://fa.support/Files/TapeSwitch>



Low Risk - Falling Objects Hazard

Falling object hazard if objects are left on top of the top panel.



Mitigation

See general mitigations.



Low Risk - Impact Hazard

Impact hazard around the mechanism when it is swivelling.



Mitigation

Set swivel limits to prevent impact with surrounding objects. See also general mitigations.



Low Risk - Falling Hazard

Falling hazard when the mechanism is closing or opening. Fallen items may also cause damage to the mechanism during operation.



Mitigation

See general mitigations.

