








# Arc Flash Protection Solutions

Problem	nVent HOFFMAN Solution	Hierarchy of Safety Controls
Line side of the disconnect is still energized even after power is turned off		<b>Sequestr External Disconnect</b> Elimination
Need for visual inspection in an energized enclosure		<b>Regular Windows</b> Elimination
Programming maintenance required in an energized enclosure		<b>InterSafe Data Interface Ports</b> Elimination
Wiring documentation storage on enclosure		<b>External Data Pockets</b> Elimination
Any person being able to open the enclosure with power on		<b>Electrical interlocks</b> Engineering Controls <b>PPE required</b>
Door swings back resulting in accidental contact with components		<b>Door stops</b> Engineering Controls <b>PPE required</b>
Need access to controls for resetting		<b>Dead front or swing panels</b> Engineering Controls <b>PPE required</b>
Incidental contact on equipment installed on doors	<b>Modified Solution</b>	<b>Barriers</b> Engineering Controls <b>PPE required</b>
System design	<b>Modified Solution</b>	<b>Isolating control circuits under 50 volts or Class 2</b> Engineering Controls <b>PPE required</b>