

Sample HAZOP analysis

Scenario	Primary keyword	Secondary keyword	Deviation	Cause	Consequence	Control	Action
1	Temperature	More	High temperature	Hot weather	Overpressure; chemical release resulting in injuries	Temperature indicator is located on water heating loop	Include in periodic inspection to ensure ongoing functioning
2	Flow	No	No flow	Line rupture	Chemical release resulting in injuries	None currently	Ensure line is protected from impact sources
3	Flow	No	No flow	Pump failure	Chemical release resulting in injuries	Pump malfunction alarm installed	Include alarm on inspection to ensure ongoing functioning