

Do you know if you are running a risk?

How robust is your plant: Can you confidently answer the following questions?

		No	Some		Yes	
		1	2	3	4	5
HARDWARE	Asset document library	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Tested spares holding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Obsolesce support plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Scheduled maintenance plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SOFTWARE	Programming software & licences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Programming cables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Correct Windows operating systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Back-up copies of PLC / HMI / VSD's	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROGRAM	SCADA operating system back up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Secure networks & IT systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Version control system for software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENGINEERING	Fully trained engineering resource	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Remote maintenance / repair support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	24/7/365 support plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	On-going training program / academy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SCORE 12 - 24 = HIGH RISK 24 – 40 = MEDIUM RISK 40+ = LOW RISK

If you score below 24 your production is at is at high risk which could result in heavy financial losses, customer dissatisfaction and loss of orders.

If you score between 24-40 you have taken reasonable measures, however a detailed risk assessment may be beneficial

If your score over 40 your manufacturing would be considered as low risk.

Example of a critical risk

A large producer of dairy products lost 8 hours production due to the failure of a simple communication module within a process control PLC. A replacement module was found within the spares holding; however the programming software and the engineering resource was not available to install it. Loss of production was valued in excess of £20,000 which is twice the value of a support contract.....