Risk Assessment Form

Although plastic machinery may be operating, it doesn't mean that there is not a significant risk for extended downtime. The following is a means of measuring risk and determining the urgency of your need for an upgrade:

use one form per line

Answer the following Questions

DANGER

	YES	NO
Is your system in violation of the National Electric Code or a safety concern? (Systems from China, Taiwan, and those done internally are suspect)	☐	☐
Is the extruder more than 20 years old?	☐	☐
Does the manufacturer of the extruder no longer exist or been purchased by another company?	☐	☐
Does the manufacturer of the control system consider it obsolete and no longer available?	☐	☐
Are any of the software or components used in the control system considered obsolete?	☐	☐
Are some portions of your extruder control non-operational?	☐	☐
Are you using eBay as one of your suppliers?	☐	☐
Has the door ever been left open with a fan blowing in the enclosure? Insufficient cooling	☐	☐
Has there been any undocumented changes to the extruder control system?	☐	☐
Is your control wiring outside wire ducts making troubleshooting difficult?	☐	☐
Does the extruder control system contain mercury relays?	☐	☐
Has the screw ever been damaged because an operator started into a cold zone?	☐	☐
Has there been a run-away heater condition that caused damage or downtime?	☐	☐
Are there DC Drives and Motors in use on the extruder?	☐	☐
Have you experienced more than 3 days of unscheduled downtime because of a maintenance issue?	☐	☐
Does someone come in early to pre-heat the extruder?	☐	☐
Is process data collected by hand?	☐	☐

Total Number of "Yes" Answers _____

Low		*Medium*		*High*		*Very High*	
0	1	2	3	4	5	6	7	8	9+

Low Risk = Your need is not urgent
Medium Risk = You have a need and should start the planning process
High Risk = Your need is urgent and you should try to upgrade your line within the next few months
Very High = Your need is critical and you should upgrade your line immediately