Extruder and compounding line pre-start check

Do this before start-up and at the start of each shift. Many extruder accidents happen during purging, die changes and at haul-offs, so take extra care at these times.

Site		**Asset / ID**	
Date		**Time**	
Checked by		**Signature**	

#	Check	Pass	Fail	Notes
1	Feed throat and hopper: guard or grille in place, no access to the screw			
2	Barrel and heater band covers fitted, no exposed live terminals			
3	Heater bands and thermocouples working, temperatures reading correctly			
4	Die head: guards and hot-surface warning signs in place			
5	Breaker plate / screen changer secure, no melt leaks			
6	Vent ports covered or guarded, not blocked			
7	Haul-off / caterpillar guards in place and interlocks working			
8	Strand pelletiser or cutter guards fitted and interlocked			
9	Water bath and cooling: level OK, no leaks onto the floor			
10	Gravimetric / additive feeders secure and lids closed			
11	Emergency stops work at every station along the line			
12	Heat-resistant gloves, visor and arm protection available			
13	Area clear of spilled granules, trailing cables and trip hazards			

Defects found and action taken:

Fit a Checkmate device to each line so every pre-start check is done at the machine. Free for 2 weeks.
Book your free demo: checkmate-uk.co.uk · 07882 236560

These are general checklists. Always follow the manufacturer's instructions and your own risk assessment, and adapt the items to your equipment. They don't replace expert inspections required by law or guidance, such as LOLER thorough examinations or annual racking inspections.