



<b>HFE ITEMS IN SOLIDS PROCESSING SAFETY CHECKLIST</b>	
<b>CRITERIA</b>	<b>DESCRIBE REPONSE</b>
1. Are all safety devices (i.e. - kill switches, safety cords, proximity switches) readily accessible?	
2. Have all tanks, vessels, and hoppers been reviewed for manhole locations?	
3. Has the plan been reviewed for location of fire detection and alarm systems?	
4. Are all routes of egress, ingress, and human traffic flow clear?	
5. Has the plan been reviewed for location of fire extinguishers?Have significant noise producing sources been identified?	
6. Have hoisting areas been provided with designated allocations for personnel to stand clear?	
7. Is the area safe from poorly planned ladders and cage locations?	
8. Is the area safe from reduced headroom (less than 7'-0")?	
9. Is the area safe from trip/slip hazards?Are all controls, levers, lights, and covers situated for safe access?	
10. Is equipment located so that all routine maintenance can be performed safely?	
11. Have all tanks, vessels, and hoppers been reviewed for relief valve locations?	
12. Has the vendor provided descriptions of possible upset operating conditions?	
13. Is the area safe from inadequate aisle way width?	
14. Has the vendor provided information on supplied equipment including equipment hookup procedures?	
15. Have the drawings been checked for safe test and sample point locations?	
16. Are all pertinent plant conditions listed?	
17. Have the drawings been checked for valve attachment configuration?	
18. Have all tanks, vessels, and hoppers been reviewed for access ladders and platforms with rails and toe boards?	
19. Has the vendor provided information on supplied equipment including equipment lifting lug locations?	
20. Has the vendor provided information on supplied equipment including equipment weight?	
21. Has the vendor provided information on supplied equipment including special pressure bolting and maintenance?	
22. Has the vendor provided information on supplied equipment including relief valves and indication gauges?	
23. Are any extraordinary operating conditions described?	
24. Have clean-out and spill clean-up locations been identified?	
25. Have all systems been checked for "safe and orderly" sequence operations?	
26. Have the drawings been checked for assembly notes and identification?	

