



HFE ITEMS IN CONTROL SYSTEMS SAFETY CHECKLIST	
CRITERIA	DESCRIBE REPNSE
1. Does the Safety Instrumented System incorporate fail-safe concepts?	
2. Are write-ups provided for complex loops?	
3. Does the Safety Instrumented System design partition hardware to minimize the potential of tripping the entire plant?	
4. Does the Safety Instrumented System incorporate security provisions against unauthorized changes such as keylock, password, or write-only communications to other devices?	
5. What provisions are incorporated in the Safety Instrumented System for testing to maintain system integrity?	
6. Have pre-alarm and shutdown values and critical valve closing/opening speeds been established and agreed with Systems, Process, Project, Equipment, and Plant Services personnel?	
7. Are Cause and Effect diagrams available to support the P&ID's?	