

SIF PROOF TEST RECORD

Company: Your Company Name / Logo

Doc no: Rev:

Yellow cells: enter data. Grey cells: calculated automatically. Free template from instrumentationblog.in

Safety function			
SIF number		Description	
SIL		Architecture	
Proof test interval (months)		Test date	
Next test due		Test procedure	

Measured values					
Item	Required	Tolerance (±)	As found	Result	Unit
Measured items failed					0

Response time				
Final element	Required max (s)	Measured (s)	Result	Remarks
Response times failed				0

Test steps			
No	Check item	Status	Remarks
1	Permit and bypass authorised; operations informed		
2	Initiator isolated and test equipment connected		
3	Trip simulated at the initiator (or process taken to trip)		
4	Logic solver trip and alarm received in DCS		
5	Final element moved to safe position		
6	Valve stroke observed full travel and limit switch feedback received		
7	Tight shut off checked (where required)		
8	Reset and restore to normal; bypass removed		
9	Initiator returned to service and reading compared with other sensors		
Steps failed			0

Overall			
Proof test result		Dangerous failures found	

Tested by	Witnessed by (operations)	Approved by
Name:	Name:	Name:
Signature:	Signature:	Signature:
Date:	Date:	Date: