

LOOP TEST SHEET

System:		P&ID:		Project:	
Loop Number		Description			
Alarm Settings	L =	LL =	H =	HH =	
Actual alarm values	L =	LL =	H =	HH =	
Alarms needing reset					
Post test statement				Signed	
The loop is installed as shown on the P&ID and loop diagram			YES	NO	
The loop will perform as designed			YES	NO	
Field Labelling		OK – N/A	Instrument		
Motor push buttons			Air Isolation correct		
Motors			Accessible		
Control/On-Off Valves			Location correct per Loop diagram and P&ID		
Instruments and cabel			Input continuity check		
Orifice Plates			Calibration		
Junction Box			Range check with Control system		
Marshalling Cabinet			Loop direct/reverse action		
DCS/PLC Panel			Serial number correct		
Local Panels			State change OK on control system		
General electrical wiring			Control- On/Off valves		
Other			Position	0% =	mA =
MCC Room			Position	25% =	mA =
Starters and push buttons			Position	50% =	mA =
Lighting suitable			Position	75% =	mA =
Accessibility of terminations			Position	100% =	mA =
Fuse/breaker lock box available			Valve positioner operates correctly		
Heating adequate			State change OK on control system		
Cooling adequate			Fail position checked		
Cabinet air fan acceptable?					
Labels on cabinet door correct			Interlock tested		
Wires labeled					
Cables labelled			Documentation		
Other			Interlock data on loop and P&ID correct		
DCS and or I/O Room			All loop diagram data correct		
DCS/PLC panels labelled			Master copy red lines for final mark up		
Termination panel access suitable			Control room has copy until as built issued		
Termination drawing suitable					
Fuse in place					
Motor					
Megged/rating					
Rotation					
State change OK on control system					
Signed for Instrument/Control / Electrical					Date
Signed for process					Date