

Worksheet

HAZOP-PC 1.00

Company: DOW CHEMICAL CO.
 Process: HDPE - POLY B

Node: 9
 Page: 1

Node: 9 P-218 A/B to R-2001/R-2002					
Parameter: Flow			Intention: 0-5000 Lb/Hr. (Prod. Depend.)		
GUIDEWORD	DEVIATION	POSSIBLE CAUSES	CONSEQUENCES	RECOMMENDATIONS	BY
No	No Flow		None of concern.	Add valve at drum	GC
Reverse	Reverse Flow	Instrumentation failure. Improper valving, and instrument failure.	Overfill D-2302. Overpressure DR-2007. Plug return line to spent. Dump primary to post reactor.	Eliminate bypass on flow control valves to reactor Automate suction valve. Review where the recycle ties into the reactor.	GC KW GC

Worksheet

HAZOP-PC 1.00

Company: DOW CHEMICAL CO.
Process: HDPE - POLY B

Node: 9
Page: 2

Node: 9 P-218 A/B to R-2001/R-2002					
Parameter: Temperature			Intention: Same as Node 10		
GUIDEWORD	DEVIATION	POSSIBLE CAUSES	CONSEQUENCES	RECOMMENDATIONS	BY
More	Higher Temp		See Node 10		