HAZOP STUDY WORKSHEET

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Project:	t2	NODE	node2	
Design Intent :		System		
Design Conditions:				
Conditions:		HAZOP		
Operating		Boundary		
Conditions:				
PFD, PID No. :		Date		

Guide Word	Deviation	Causes	Consequences	Ass	mitiga Risk sessn	ent	Major Accident Event	-	Existing Safeguards		essm Matrix	ent	Action No	Recommendations	Action by
Flow	1.4 Reverse Flow	01		S	L 2	R	(Y/N)	5400		3	L	R			FOP CMDP-Jaruwat P
		C1		4	<u> </u>					<u>ა</u>	J	IVI			
Flow	1.5 MisdirectedFlow			4	2	M		5400		3	2	L		r2	TOP CMDP-Jaruwat P
Flow	1.3 Less/Low Flow	c3													TOP CMDP-Jaruwat P
Flow	1.1 No Flow	c4													TOP CMDP-Jaruwat P
Flow	1.2 More/HighFlow	c5													TOP CMDP-Jaruwat P
Pressure	2.2 Less/Low Pressu	c6													TOP CMDP-Jaruwat P
Pressure	2.1 More/High Press	c7													TOP CMDP-Jaruwat P

Note:

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HAZOP STUDY WORKSHEET

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Project:	t2	NODE	node1	
Design Intent :		System		
Design Conditions:		HAZOP		
Operating		Boundary		
Conditions:				
PFD, PID No.:		Date		

Guide Word	Deviation	Deviation	Deviation	Causes	Consequences		mitiga Risk sessm		Major Accident Event		Mitigated Risk Assessment Matrix		ent	Action No	Recommendations	Action by
				S	L	R	(Y/N)		S	L	R					
Flow	1.4 Reverse Flow	x1		4	4	Н	Y	ex1	4	3	Н		r1	Dungrat (TOP-XX)		
Flow	1.5 MisdirectedFlow	x2	c1					41					r2	Dungrat (TOP-XX)		
Flow	1.3 Less/Low Flow	x3	c2											Dungrat (TOP-XX)		
Flow	1.1 No Flow	x4	c3											Dungrat (TOP-XX)		
Flow	1.2 More/HighFlow	x5	c4											Dungrat (TOP-XX)		
Pressure	2.2 Less/Low Pressu	x6												Dungrat (TOP-XX)		
Pressure	2.1 More/High Press	x7												Dungrat (TOP-XX)		

Note:

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