SECTION 500 (Solvent Splitter's Area)

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DOCUMENT TITLE:

SECTION 500 SOLVENT SPLITTERS DCS INTERLOCKS C&E

Section 500 Solvent Splitter System													
	0		Created	ed for Section 500 per S225 PHA mitigation project	GPF			9/20/20					
	REV.			DESCRIPTION:	BY:	CHK.	APPR. PROC.	D/	ATE				Notes (General):
ROUP FUNCTIONAL DESCRIPTION OVERVIEW:				P&ID 074.5-Pt-103 074.5-Pt-103 074.5-Pt-103 074.5-Pt-103 074.5-Pt-103									1) Bypasses or Individual Devices are indicated on respective DCS graphics as well as on DCS Bypass Log.
ection 500 Solvent Splitter System		EFFECT	Individual Reset	Status Trag & Square Squ							Device Bypassed BYPASS INDICATION ON MATRIX PAVEL		
CAUSE INTERLOCK INPUT Process P&ID Input Service Description Tag Number SIL IPL Input	Set	BYPASS SWITCH	N .	Tag No. LV-60515 FV-50004 FV-50612 FV-50622 MPO06-0522							NOTE 1		
INTERLOCK INPUT	Point 65%	TAG NUMBER	Sp	Specific A B C D E F	G H	I J K	L M N O I	P Q R	S T U V W X	Y Z AA	AB AC AD		Notes (Specific)
I-0500-02 High Level Trip DA-501 074.5-PI-106 DA-501 solvent splitter LPA-170/210 LC50525 0	65%			x									
I-0500-03 High Pressure Trip DA-503 074.5-PI-103 DA-503 solvent splitter LPA-110/142 PC50519 0	15 PSIG			x									
I-0500-03 High Pressure Trip DA-503 074.5-PI-103 DA-503 solvent splitter LPA-110/142 PI50523 0	15 PSIG			X X X X X X X X X X X X X X X X X X X									-
	95%			^ x									
1-0500-04	15 PSIG 15 PSIG			X									
	95%												
1-0500-05 High Level Trip (1-225-27) DA-262 073.22-Pl-116 DA-262 Solvent Splitter LPA-170210 LI22140 0	90%			X X									_
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oup Trip Reset:	1 1											REV.	<u> </u>
oup I rip neset:		LEGEND:										REV.	1
X = Trip, X* = Trip (required for SIL Rating), XT = Trip Time Delay, XP = Permissive Interlock (Restart), - = Not Applicable (Last Position or Don't Care), XI = Trip with Interlock condition (refer to Notes - Specific), SA = Safety Alarm for Manual action or intervention, AS = Auto Start. O = Open or On, C = Close or Off, S = Start, P = Permissive, R = Reset, A = Alarm, PA = Pre Alarm, PV = Process Variable													
												Cause & Effect Diagram	
				Tule 1	DOCHMENT	IS THE	PROPERTY	OF SA	SOL CHEMICALS	(ARII)	HC		Sasol Chemicals Limited
									OPERTY RIGHTS				PHA Reference
									ies before distrib		= -		LOPA Reference