## **SQ9:2 K OPERATION**

<b>—</b>									
	4K operation FV500 closed								
30	stop in charge CV100, CV101, CV102, CV103, CV104, CV105 closed								
	FV101, FV552, CV550, CV551, CV552 open								
	SQ7.Activate	OR SQ8.Ad						operation	order
	2 K								
0	stop								
	2 K operation	order							
1	Check parameters Open: CV552 FV552								
	Valid <b>OR</b> al	l paramete	r > 0						
2	Check equipment Open: CV552 FV552								
	Valid <b>OR</b> Equipment OK								
4	Switch 2K to Keaser Mode								
	Keaser mode								
6	2K Pumps Ready Open: CV552 FV552								
	Valid (sent by the sequencer program when enabled automatic control of 2K pumps)								
8	FV552 5sec later								
<u> </u>	Tps >= 10s								
	2 K	CV550	opened	Ю	pen: FV55	1			
10	operation		ps running		FV55				
	start		external con	itrol	FV55	7			
	Table OR mag	<u>inetic shiel</u>	<u>d</u>						
			<u>Table</u>		Magnetic	c Shield			
	Magning	 Regulation	CV/101	Dogulo	tion CV/101	<u> </u>		lonan i	T\/EE1
12	, ,	0	eference T°	_	tion CV101 = reference	г° SQ5	2K	Open :	FV551 FV555
		CV550 ope		11120	_ 1616161106		ZIX		FV557
		He pumps							
			ernal contro	I					
	Stopping								
	Pressure	Stopped	d 2K pumps		Open	: FV551			
14	rise	Close C				FV555			
			· · · · · · ·			FV557			
'	PT101 > <u>Final</u>	Pressure (	(1000 mbar)						
	Open CV55	52		Onen :	FV551 FV	557			
16	Open CV552 Open : FV551 FV557   FV552 5sec before FV555								
	Tps >= 10s								
	Diamonin a C	ratama Ctam		One	n . CV/FFO	T\/EE0			
18	Pumping Sy	stem Stop	ped (0 rpm)	Ope	n: CV552 FV551		557		
	Pumping Sy	/st freq=0	<b>OR</b> Valid wh	en frequ	uency can't b		<del></del>		
	- · -			10	0) /5-5	E) /5=0			
20	Pumping System Venting Open: CV552 FV552 FV556 FV55						<sub>557</sub>		
	2KPumne-E	T552 \ 00	0 mhar <b>∩P</b>	Valid wh	en Pressure				
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