_SiN_dep						
JBROUTINE	STEPS					
2 Gas Pre						
0	P 112_005_110P	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam voltage=0	Beam voltage=0	1		Fixture Tilt Angle=40
		Beam curent=0	Beam curent=0			Fixture Rotation Speed=20rpm
		Ignition RF Power=0	Ignition RF Power=0			Timedic Hotation Speed 201pm
		Suppressor Voltage=0	Suppressor Voltage=0	PM1	Process time	
	+	PBN Flowrate=5	PBN Flowrate=5	Si	10sec	Shutter "at beam"
		K Factor=0	K Factor=0	31	10360	substrate=close
		Gas Values	Gas Values			target=close
		PM1	PM1			target-close
		Ar=0	Ar=0			
		Xe=0	02=0	Target angle=55		
		N2=0	N2=5	rarget angle-33		
	N2 Gas Shutoff	NZ=U	NZ=5			
	N2_Gas_Snutoff	D	I A - d - t B B t	IT	In	Tet. A
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam voltage=0	Beam voltage=0			Fixture Tilt Angle=40
		Beam curent=0	Beam curent=0			Fixture Rotation Speed=20rpm
		Ignition RF Power=0	Ignition RF Power=0	100.44		
		Suppressor Voltage=0	Suppressor Voltage=0	PM1	Process time	
		PBN Flowrate=5	PBN Flowrate=5	Si	10sec	Shutter "at beam"
		K Factor=0	K Factor=0			substrate=close
		Gas Values	Gas Values			target=close
		PM1	PM1			
		Ar=0	Ar=0			
		Xe=0	02=0	Target angle=55		
		N2=0	N2=0			
nite	Ignite_HiV_00_Asst		•			•
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=shutoff	Beam at step=ExtractBeam			
		Beam at end=shutoff	Beam at end=PlasmaOnly			
		PBN=off	PBN=on			
		Beam voltage=0	Beam voltage=900	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=0	Beam curent=160	Si	20sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=0	Ignition RF Power=150			
	_	Suppressor Voltage=0	Suppressor Voltage=180			Shutter "at beam"
	_	PBN Flowrate=5	PBN Flowrate=5			substrate=close
	+	K Factor=0	K Factor=3.1			target=close
		Gas Values	Gas Values	Target angle=55		turget-close
	+	PM1	PM1	raiget angle-33		
	+	Ar=10	Ar=10	+		
	+	Xe=0	02=0	+		
		N2=0 N2=0	N2=0 N2=0	+		
	Ignite HiV 01 Dans	_	INZ-U			
	Ignite_HiV_01_DepoA		Assist Beam Parameters	Target	Drocoss	Fixture
	_	Depo Beam Parameters		Target	Process	rixture
		Beam at step=shutoff	Beam at step=ExtractBeam	-		+
	_	Beam at end=shutoff	Beam at end=ExtractBeam	-		
		PBN=on	PBN=on	1	<u></u>	
		Beam voltage=1120	Beam voltage=900	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=200	Beam curent=200	Si	20sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=150	Ignition RF Power=150			
_		Suppressor Voltage=150	Suppressor Voltage=180			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=3.1	K Factor=3.1			target=close
		Gas Values	Gas Values	Target angle=55		"
		PM1	PM1			
	1	Ar=10	Ar=10	+		
					1	1
		Xe=0	O2=0			

	Ignite_GridClean					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractBeam	Beam at step=ExtractBeam			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Beam voltage=50	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=310	Beam curent=310	Si	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=250	Ignition RF Power=250	-		
		Suppressor Voltage=800	Suppressor Voltage=800			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		turget crose
		PM1	PM1	ruiget ungie-55		
		Ar=10	Ar=10			
		Xe=0	02=0			
		N2=0	N2=0		-	+
armun	Warm up	INZ-U	INZ-U			
armup	vvai iii up	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly	Target	riocess	rixture
		Beam at step=PlasmaOnly Beam at end=PlasmaOnly		+	-	_
		PBN=on	Beam at end=PlasmaOnly PBN=on	+	-	_
		Do not change RF	Do not change RF	200		5
		Beam voltage=50	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Si	10sec	Fixture Rotation Speed=10rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=800	Suppressor Voltage=795			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	02=0			
		N2=0	N2=0			
N_GasRamp	SiN_GasRamp					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=950	Beam voltage=60	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	15sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=153	Suppressor Voltage=960			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		<u> </u>
		PM1	PM1			
		Ar=10	Ar=5			
		Xe=5	O2=0			+
		N2=0	N2=10	1		+
	1	1112-0	1142-10	1	1	1

		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly	- unger	1.00000	T.M.C.
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			+
		Beam voltage=950	Beam voltage=60	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	60sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300	31	OUSEC	Tixture Rotation Speed-201pm
		Suppressor Voltage=153	Suppressor Voltage=960			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			
		Gas Values	Gas Values	Taxaat ayala FF		target=close
				Target angle=55		
		PM1	PM1			
		Ar=0	Ar=0			
		Xe=5	O2=0			
		N2=0	N2=30			
	SiN_PreDep2_Sputter					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=950	Beam voltage=60	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			<u> </u>
		Suppressor Voltage=153	Suppressor Voltage=960			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		141.841 11010
		PM1	PM1	ranger angle 33		
		Ar=0	Ar=0			
		Xe=5	O2=0			
		N2=0	N2=30			+
		142-0	142-30			_
l Don	CiN Don					
N_Dep	SiN_Dep	Depo Beam Parameters	Assist Beam Parameters	Tanast	Process	Fixture
		Beam at step=ExtractOnly		Target	Process	rixture
			Beam at step=ExtractOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Beam voltage=950	Beam voltage=60	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	1800sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=153	Suppressor Voltage=960			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=open
		K Factor=2	K Factor=2			target=open
		Gas Values	Gas Values	Target angle=55		·
		PM1	PM1			
			1	1	1	
		Ar=0	Ar=0			
		Ar=0 Xe=5	Ar=0 O2=0			

	SiN_GasRamp					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=950	Beam voltage=60	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	15sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300	-		
		Suppressor Voltage=153	Suppressor Voltage=960			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		target crose
		PM1	PM1	ruiget ungie-55		
		Ar=10	Ar=5			
		Xe=5	02=0			_
		N2=0	N2=10			
_GridClean S	Cibl CuidClass	NZ=U	N2=10			
_GridClean	Silv_GridClean	Dana Baam Baramatara	Assist Bases Bases store	Tanast	Dunana	Finking
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractOnly	Beam at step=ExtractOnly	+		
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on	D144	D	First Tile Arrela 10
		Beam voltage=50	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=310	Beam curent=310	Si	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=375	Ignition RF Power=375			
		Suppressor Voltage=800	Suppressor Voltage=800			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	Xe=0			
		N2=0	N2=0			
ut_n_pmp_dv	Shut_n_pmp_dwn		•	<u>'</u>		•
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=shutoff	Beam at step=shutoff			
		Beam at end=shutoff	Beam at end=shutoff			
		PBN=off	PBN=off			
			Beam voltage=0	PM1	Process time	F1 / F11 A 1 40
		IBeam voltage=0				IFIXTURE LIIT Angle=40
		Beam voltage=0 Beam curent=0				Fixture Tilt Angle=40 Fixture Rotation Speed=10rpm
		Beam curent=0	Beam curent=0	Si	30sec	Fixture Fift Angle=40 Fixture Rotation Speed=10rpm
		Beam curent=0 Ignition RF Power=0	Beam curent=0 Ignition RF Power=0			Fixture Rotation Speed=10rpm
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0			Fixture Rotation Speed=10rpm Shutter "at beam"
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0			Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0	Si		Fixture Rotation Speed=10rpm Shutter "at beam"
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values			Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1	Si		Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0	Si		Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0	Si		Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
		Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0	Si		Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0	Target angle=55	30sec	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close
5	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters	Si		Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 NN2=0 Assist Beam Parameters Beam at step=shutoff	Target angle=55	30sec	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff	Target angle=55	30sec	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close
5	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PPM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off	Target angle=55	Process	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0	Target angle=55	Process	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture
5	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam woltage=0 Ignition RF Power=0	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam"
5	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=0ff Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 NN2=0 Assist Beam Parameters Beam at step=shutoff Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
5	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=0ff Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0	Target angle=55 Target PM1 Si	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam"
	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PPM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff PBN=off Beam voltage=0 Beam Curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam at end=shutoff PBN=off Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1	Target angle=55 Target PM1 Si	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
\$	Shut_dwn_open_cryo	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PPM1 Ar=0 Xe=0 N2=0 Depo Beam Parameters Beam at step=shutoff PBN=off Beam voltage=0 Beam Curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values	Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values PM1 Ar=0 Xe=0 N2=0 Assist Beam Parameters Beam at step=shutoff Beam at end=shutoff PBN=off Beam at end=shutoff PBN=off Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0 PBN Flowrate=0 K Factor=0 Gas Values	Target angle=55 Target PM1 Si	Process time	Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close