TiO2 dep						
ROUTINE						
nite	Ignite_HiV_00_Asst					
	0	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=shutoff	Beam at step=ExtractBeam	T T		
		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	Ti	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		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	O2=0			
		N2=0	N2=0			
	Ignite_HiV_01_DepoAsst			•	•	•
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractBeam	Beam at step=ExtractBeam			
		Beam at end=ExtractBeam	Beam at end=ExtractBeam			
		PBN=on	PBN=on			
		Beam voltage=1120	Beam voltage=900	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=200	Beam curent=200	Ti	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			
		Ar=10	Ar=10			
		Xe=0	O2=0			
		N2=0	N2=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	Ti	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	Trget angle=55		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	Xe=0			
		N2=0	N2=0			

Varmup	Warm up		IA-dat Barre Barrer	I=	In	IP!
		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=50	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Ti	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 - FF		target-close
				Target angle=55		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	O2=0			
		N2=0	N2=0			
02_GasRamp	TiO2_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	+		1
		Beam voltage=1120	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Ti	15sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300		13350	intuie notation specu-201pm
			Suppressor Voltage=795			Shutter "at beam"
		Suppressor Voltage=180				
		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=5	Ar=5			
		Xe=5	02=5			
		N2=0	N2=0			
O2 PrepSputt	TiO2_PreDep1_Gas Stab.		•			<u> </u>
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly	T *		
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF	+		
		Beam voltage=1120	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
			Dealii voitage=50		Process time	
			D 400		CO	
		Beam curent=380	Beam curent=400	Ti	60sec	Fixture Rotation Speed=20rpm
		Beam curent=380 Ignition RF Power=300	Ignition RF Power=300		60sec	Fixture Rotation Speed=20rpm
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180	Ignition RF Power=300 Suppressor Voltage=800		60sec	Fixture Rotation Speed=20rpm Shutter "at beam"
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5		60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2	Ti	60sec	Fixture Rotation Speed=20rpm Shutter "at beam"
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values		60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2	Ti	60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values	Ti	60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0	Ti	60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
		Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20	Ti	60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
	Tift2 Propen2 Snutter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0	Ti	60sec	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0	Target angle=55		Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters	Ti	Process	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly	Target angle=55		Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly	Target angle=55		Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PPM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly PBN=on	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=00	Target angle=55		Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF	Target angle=55	Process	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=1120	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=40
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=1120 Beam curent=380	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50 Beam curent=400	Target angle=55	Process	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=1120	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=40
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly Do not change RF Beam voltage=1120 Beam curent=380 Ignition RF Power=300	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50 Beam curent=400 Ignition RF Power=300	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=40 Fixture Rotation Speed=20rpm
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=1120 Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50 Beam curent=400 Ignition RF Power=300 Suppressor Voltage=800	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=40 Fixture Rotation Speed=20rpm Shutter "at beam"
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=1120 Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50 Beam current=400 Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=40 Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close
	TiO2_PreDep2_Sputter	Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 Xe=5 N2=0 Depo Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=1120 Beam curent=380 Ignition RF Power=300 Suppressor Voltage=180	Ignition RF Power=300 Suppressor Voltage=800 PBN Flowrate=5 K Factor=2 Gas Values PM1 Ar=0 02=20 N2=0 Assist Beam Parameters Beam at step=PlasmaOnly Beam at end=PlasmaOnly PBN=on Do not change RF Beam voltage=50 Beam curent=400 Ignition RF Power=300 Suppressor Voltage=800	Target angle=55 Target PM1	Process time	Fixture Rotation Speed=20rpm Shutter "at beam" substrate=close target=close Fixture Fixture Fixture Tilt Angle=40 Fixture Rotation Speed=20rpm Shutter "at beam"

		1	1			
		Ar=0	Ar=0			
		Xe=5	02=20			
		N2=0	N2=0			
TiO2_Dep	TiO2_Dep					1-1
		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			
		Beam voltage=1120	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Ti	1800sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=180	Suppressor Voltage=800			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			
		Ar=0	Ar=0			
		Xe=5	O2=20			
		N2=0	N2=0			
iO2_GasRamp	TiO2_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=1120	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Ti	15sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=180	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=5	Ar=5			
		Xe=5	O2=5			
		N2=0	N2=0			
iO2_GridClean	SiO2_GridClean					
		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			
		Beam voltage=50	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=310	Beam curent=310	Ti	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	0 0		
		Ar=10	Ar=10			
		Xe=0	Xe=0			

	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
	Beam at step=shutoff	Beam at step=shutoff		1	
	Beam at end=shutoff	Beam at end=shutoff			
	PBN=off	PBN=off			
	Beam voltage=0	Beam voltage=0	PM1	Process time	Fixture Tilt Angle=40
	Beam curent=0	Beam curent=0	Ti	30sec	Fixture Rotation Speed=10rpm
	Ignition RF Power=0	Ignition RF Power=0			
	Suppressor Voltage=0	Suppressor Voltage=0			Shutter "at beam"
	PBN Flowrate=0	PBN Flowrate=0			substrate=close
	K Factor=0	K Factor=0			target=close
	Gas Values	Gas Values	Target angle=55		
	PM1	PM1			
	Ar=0	Ar=0			
	Xe=0	Xe=0			
	N2=0	N2=0			
Classic alassic construction		_			
Shut_dwn_open_cryo					
Snut_awn_open_cryo	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
Snut_awn_open_cryo	Depo Beam Parameters Beam at step=shutoff	Assist Beam Parameters Beam at step=shutoff	Target	Process	Fixture
Snut_dwn_open_cryo	Beam at step=shutoff Beam at end=shutoff	Beam at step=shutoff Beam at end=shutoff	Target	Process	Fixture
Snut_dwn_open_cryo	Beam at step=shutoff	Beam at step=shutoff	Target	Process	Fixture
Snut_awn_open_cryo	Beam at step=shutoff Beam at end=shutoff	Beam at step=shutoff Beam at end=shutoff	Target	Process Process time	Fixture Fixture Tilt Angle=90
Snut_awn_open_cryo	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0			Fixture Tilt Angle=90
Snut_awn_open_cryo	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0	PM1	Process time	Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm
Snut_awn_open_cryo	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	PM1	Process time	Fixture Tilt Angle=90
snut_awn_open_cryo	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0	PM1	Process time	Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm
snut_awn_open_cryo	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	Beam at step=shutoff Beam at end=shutoff PBN=off Beam voltage=0 Beam curent=0 Ignition RF Power=0 Suppressor Voltage=0	PM1	Process time	Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam"
snut_awn_open_cryo	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	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	Process time	Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
snut_awm_open_cryo	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 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	PM1	Process time	Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close
snut_awn_open_cryo	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	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	Process time	Fixture Tilt Angle=90 Fixture Rotation Speed=10rpm Shutter "at beam" substrate=close