BROUTIN	ESTEPS					
ite	Ignite HiV 00 Asst					
ite	igilite_Hiv_00_Asst	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=shutoff	Beam at step=ExtractBeam	Target	Process	Fixture
		Beam at end=shutoff PBN=off	Beam at end=PlasmaOnly PBN=on			
				D1.44	Dan a san tina	First on Tile Angels 40
		Beam voltage=0	Beam voltage=900	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=0	Beam curent=160	Та	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	02=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	Та	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	Та	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=250	Ignition RF Power=250			20.000
		Suppressor Voltage=800	Suppressor Voltage=800	1		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		20.500
		PM1	PM1	116ct dilgic-33	-	+
		Ar=10	Ar=10	+		
		Xe=0	Xe=0	+		
		N2=0	N2=0	+		+

Varmup	Warm up					
		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	Та	10sec	Fixture Rotation Speed=10rpm
		Ignition RF Power=300	Ignition RF Power=300		20000	Timedia notation speca 201pm
		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		target-close
				Target angle-33		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	O2=0			
		N2=0	N2=0			
2_GasRam	SiO2_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=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=420	Beam curent=310	Та	15sec	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=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		turget-close
		PM1	PM1	raiget angle-33		
		Ar=5	Ar=5			
		Xe=5	02=5			
		N2=0	N2=0			
30F D	Talor Bushani Cas Stal		IN2=0			
zos_Prepsp	u Ta2O5_PreDep1_Gas Stat		I a i t D D t	T	In	Ph. A
		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=1200	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=420	Beam curent=310	Та	60sec	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=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1			
		Ar=0	Ar=0			
		Xe=5.2	O2=20			
		N2=0	N2=0			
	Ta2O5 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	DN 41	Dunnana tirri	First one Tilt Angle 40
	1	Beam voltage=1120	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	ta	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=180	Suppressor Voltage=800			Shutter "at beam"
			IDDAL Flancourts - F		1	substrate=close
		PBN Flowrate=5	PBN Flowrate=5			
		K Factor=2	K Factor=2			target=close
				Target angle=55		

		1. 0	14 0			
		Ar=0	Ar=0			
		Xe=5.2	02=20			
20F D	T-205 D	N2=0	N2=0			
Га2O5_Dep	Ta2O5_Dep	Daniel Branch Branch	I A - c'-t D D t	I=	In	Photos
		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	20.44		51.1. 511.1.1.10
		Beam voltage=1200	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=420	Beam curent=310	Та	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=5.2	O2=20			
		N2=0	N2=0			
a2O5_GasRam	Ta2O5_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=1200	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=420	Beam curent=310	Та	15sec	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=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			
a2O5 GridCle	Ta2O5 GridClean		·	<u> </u>		<u>'</u>
		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	Та	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=375	Ignition RF Power=375			The second control of
		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		1
	+	PM1	PM1	. arget arigic=33		
					1	
		Ar=10 Xe=0	Ar=10 Xe=0			

	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	Beam voltage=0	PM1	Process time	Fixture Tilt Angle=40
	Beam curent=0	Beam curent=0	Та	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			
Shut_dwn_open_cryo					
	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	Beam voltage=0	PM1	Process time	Fixture Tilt Angle=90
	Beam curent=0	Beam curent=0	Та	10sec	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
	K Factor=0 Gas Values	K Factor=0 Gas Values	Target angle=55		target=close
	K Factor=0 Gas Values PM1	K Factor=0 Gas Values PM1	Target angle=55		target=close
	K Factor=0 Gas Values PM1 Ar=0	K Factor=0 Gas Values PM1 Ar=0	Target angle=55		target=close
	K Factor=0 Gas Values PM1	K Factor=0 Gas Values PM1	Target angle=55		target=close