Bakeout Logsheet

Component/Part Description LCLS Vacuum Chamber

Serial # 39 **Barcode #** N/A

Location: 382 **Technician(s)** KTK – RLO

Date and Time	Temp Degrees C	CC Ga. Pressure Turbo end	CC Ga. Pressure Far end	Notes and Comments
1-9-2008 0930	21°c	1.9×10^{-7}	2.6×10^{-6}	Begin bakeout – temps SP to 60°c
10:30	60°c	2.6×10^{-6}	2.8×10^{-4}	Raised temp S.P.s to 80°c
11:30	80°c	3.2×10^{-6}	6.2×10^{-4}	Raised temp S.P.s to 100°c
13:15	100°c	1.7×10^{-6}	2.1×10^{-4}	Raised temp S.P.s to 125°c
14:30	125°c	3.8×10^{-6}	5.0×10^{-4}	Raised temp S.P.s to 150°c
16:30	150°c	2.7×10^{-6}	2.1×10^{-4}	Reached max bakeout temp.
1-10-08 0830	150°c	9.0×10^{-7}	5.0×10^{-5}	—
10:30	150°c	8.7×10^{-7}	4.8×10^{-5}	—
1330	150°c	8.5×10^{-7}	4.7×10^{-5}	—
1600	**150°c**	**8.0×10^{-7}**	**4.6×10^{-5}**	
1-11-08 0815	150°c	6.8×10^{-7}	3.5×10^{-5}	
1500	150°c	6.2×10^{-7}	3.5×10^{-5}	Burped both Ion pumps
1630	150°c	6.5×10^{-7}	3.5×10^{-5}	Began cooling-down: temps SP TO 125°c and burped Ion pumps again.
1/12/08 0700	125°c	2.5×10^{-7}	9.7×10^{-6}	Turn temps to 100°c
0745	100°c	1.0×10^{-7}	5.0×10^{-6}	Turn temp to 75°c / Burp Ion pumps
0900	75°c	3.5×10^{-8}	2.0×10^{-6}	Turn temps to 50°c / Burp Ion pumps.
0945	55°c	2.3×10^{-8}	1.6×10^{-6}	Start Ion pump + RGA.
1030	50°c	1.1×10^{-8}	4.3×10^{-8}	Turn temps off.
1/14/08	21°c	9.4×10^{-9}	3.5×10^{-9}	Take scans with RGA + Leak check
1/5/08	21°c	3.2×10^{-9}	2.9×10^{-9}	No leak with RGA.