



Site:

Process: CU-810C 25ipm\_Fuel Cell

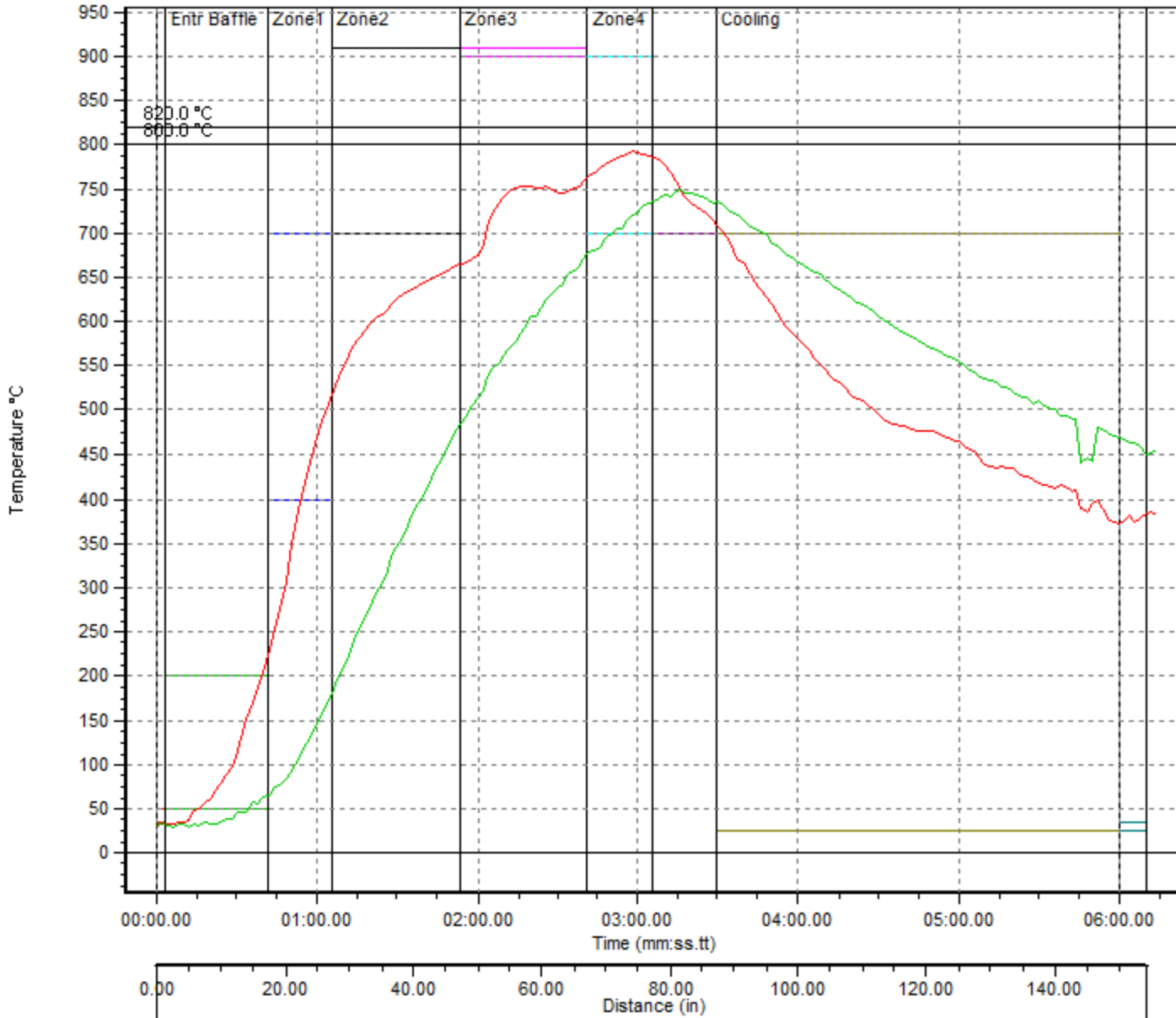
Product: Fuel Cell

Data Collection Details:

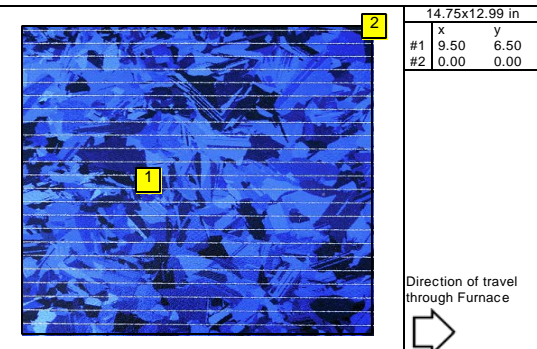
Created By: Telemetry Run  
 Number of Probes: 2  
 Sample Interval: 0:02:00 (mm:ss.t)  
 Data Loaded: 4/9/2015 11:56:26AM  
 Collection Started: 4/9/2015 11:56:26AM  
 Max. Internal Temp.: 25.7 °C  
 Logger: Datapaq Q18  
 Logger ID: #1077  
 Data Received: 100.0%  
 Operator: FURNACE1  
 Process: CU-810C 25ipm\_Fuel Cell  
 Furnace: RTC CU-615  
 Recipe: 800C 25ipm fuel cell  
 Product: Fuel Cell  
 Time Printed: 4/9/2015 12:22:46PM

Notes:

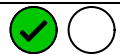
8x8 fuel cell



Probe Map:



Line Speed:	Zone:	Entrance	Entr Baffle	Zone1	Zone2	Zone3	Zone4	Trans Baffle	Cooling	Exit	Unload
25.00 in/min	Length (in):	1.25	16.00	10.00	20.00	20.00	10.00	10.00	63.00	4.00	15.00
	Upper (°C):	50.0	200.0	700.0	910.0	910.0	900.0	800.0	700.0	35.0	0.0
	Lower (°C):	35.0	50.0	400.0	700.0	900.0	700.0	700.0	25.0	25.0	0.0



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Probe	Maximum / Minimum				Time at Temperature				Rise / Fall					
	Maximum (°C)	Max. Reached (mm:ss.tt)	Mean (°C)	Deviation From 800.0°C	Time Above 800.0°C (mm:ss.tt)	Time To Reach 800.0°C (mm:ss.tt)	Time Above 820.0°C (mm:ss.tt)	Time To Reach 820.0°C (mm:ss.tt)	Rise1 (30.0 To 800.0°C)					
									Rise Time (mm:ss.tt)	Rising Slope (°C/min)	Fall Time (mm:ss.tt)	Falling Slope (°C/min)	Time Between (mm:ss.tt)	
#1 (°C) Center	792.4	02:58.00	518.0	-7.6	00:00.00	***	00:00.00	***	***	***	***	***	***	***
#2 (°C) Right-SS	749.1	03:16.00	475.1	-50.9	00:00.00	***	00:00.00	***	03:02.00*	235.88*	***	***	***	***

Probe	Rise / Fall										Slopes		Peak Difference			Area Under Curve
	Rise2 (30.0 To 845.0°C)					Fall (320.0 To 800.0°C)					Positive Slope (°C/min)	Mean Slope (°C/min)	Peak Difference (°C)	Time Reached (mm:ss.tt)	Area (°C)min	
	Rise Time (mm:ss.tt)	Rising Slope (°C/min)	Fall Time (mm:ss.tt)	Falling Slope (°C/min)	Time Between (mm:ss.tt)	Rise Time (mm:ss.tt)	Rising Slope (°C/min)	Fall Time (mm:ss.tt)	Falling Slope (°C/min)	Time Between (mm:ss.tt)						
#1 (°C) Center	***	***	***	***	***	02:08.00*	212.95*	***	***	***	890.06	18.82	549.5	338.4	01:10.00	2183.72
#2 (°C) Right-SS	03:02.00*	235.88*	***	***	***	01:50.00*	233.89*	***	***	***	415.54	78.18	211.1			1971.10