

Job: 18-001

Furnace: SierraTherm 12-Zone

Profile: 350 & 400C Apple 30 min profile

DATE: 20-Dec-22

Model 1K14-150C72-12A sn 7289

Furnace Criteria

	MIN deg C	MAX deg C	DURATION minutes
Min	395	405	30.00
Min	640	660	10.00

Sample	Dia	High
round disc	8"	
TOTAL		

CHECK
350 CS 6-0
350 CS 3-0

SierraTherm Process Configuration

Section	LOAD	COLL	1	2	3	EXH	4	5	6	7	8	9	10	11	12	TRANS	COOL1	COOL2	EXIT	UNLOAD
Start		0	11	29.25	41.75	52	55.25	67.75	80.25	92.75	105.25	117.75	130.3	142.8	155.3	167.75	194	217	236	
Length	24	11	18.25	12.5	10.25	3.25	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	26.25	23	19	8	24
End		11	29.25	41.75	52	55.3	67.75	80.25	92.75	105.25	117.75	130.25	142.8	155.3	167.8	194	217	236	244	292

Profile	Time	POWER SETTINGS												BELT SPEED in/minute	FLOWMETER SETTINGS					Time Above deg C	COMMENT
		ENTR COLL & BURNOUT	ZONE 1 deg C	ZONE 2 deg C	ZONE 3 deg C	ZONE 4 deg C	ZONE 5 deg C	ZONE 6 deg C	ZONE 7 deg C	ZONE 8 deg C	ZONE 9 deg C	ZONE 10 deg C	ZONE 11 deg C		ZONE 12 deg C	Entrance Collector SCFH	Burnout Section SCFH	Exhaust Stack IN H2O	Cooling 1 SCFH		
350	--		357	380	365	325	340	330	340	335	305	350	325	310	2.6	50	150	0.15	100	100	recipe: 480AgGls.rcp
400	--		400	590/440	415	375	390	380	390	385	355	400	375	360	2.6	50	150	0.15	300	100	recipe: 640Apple.rcp
Run 1	12-21-22		395	320	325	440	750	440	435	405	450	380	370	2.6							
Run 2	15-59		460	500	480	425	440	430	440	435	405	450	420	420	2.6	50	100	0.05	0	0	
Run 3			187	290																	
Run 4	12-43		450	500	480	425	440	430	440	435	420	450	420	400	2.6						
Run 5			250	329	320	315															
Run 6			450	480	460	430	440	430	440	435	430	435	430	420	2.6						
Run 7			440	450	425	440	405	400	405	400	400	410	430	420							
Run 8																					
Run 9																					
Run 10																					
Run 11																					
Run 12																					
Run 13																					
Run 14																					
Run 15																					