

Lithgow No. 10 tunnel Wheel Temperature Measurements
21/8/84

Initially a number of wheels were tested to find one that appeared to be typical.
The first wheel was tested at 3:29 pm
All temperatures are in °C

Test Wagon No.	Time pm	RIM TEMP	HUB TEMP	A/BOX TEMP	FACE TEMP
1	3:29	90	27	52	
2	3:31	46	30	20	
3	3:33	44	17	25	
3	3:34	45	17	25	
4	3:36	36	16	23	
3	3:38	42	17	22	
3	3:39	41	17	21	
3	3:40	41	17	21	
3	3:41	40	16	19	
3	3:42				
3	3:46	35	15	19	
3	3:47	35	15	19	
3	3:48	36	15	19	
3	3:49	35	15	19	
3	3:50	36	15	17	
3	3:51	33	16	18	
3	3:52	35	16	18	
3	3:53	33	16	18	
3	3:54	32	17	18	
3	3:55	28	15	17	
3	3:56	29	15	16	
3	3:57	29	16	16	
3	3:58	28	15	16	
3	3:59	27			
3	4:01	24			
3	4:02	25			
3	4:03	24			

40
36
34

At this point 4 minutes was spent spot checking other wheel temperatures. The four wagons tested were between 370C to 400C. Measurements then continued on Wagon No 3