

TABLE 7.—Trials of a 10 H. P. De Laval Turbine. Trials conducted by Prof. Goss.

Number of Test.	R. P. M.	Press. at Stop Valve, lbs per sq. in. (gauge).	Vacuum in Condenser, Inches of mercury.	B. H. P.	CONSUMPTION OF STEAM.		Superheat, F.	REMARKS.
					lbs. per hour.	lbs. per B. H. P. per hour.		
1	2138	130		0.00	120.8	128.6		
2	2545	130		1.63	210.3	99.8		
3	2038	130		2.36	230.8	85.7		
4	2118	130		2.97	254.6	79.6		
5	1917	130		3.46	275.5	71.5		
6	2072	130		4.38	313.0	64.4		
7	2128	130		5.10	328.5	53.6		
8	2576	130		7.52	403.0	51.3		
9	2453	130		8.24	422.8	47.8		
10	2411	130		10.33	491.8		
11	2584	130		0.00	121.4	67.8		
12	2112	130		3.95	267.8	60.0		
13	2125	130		4.77	286.0	53.3		
14	2490	130		6.50	346.3		
15	2546	130		0.00	99.3	83.4		
16	2049	130		1.95	162.6	65.0		
17	1909	130		3.43	222.9	59.3		
18	2412	130		3.87	229.6		
			Exhaust at Atm. Press.				None	

Trials 1 to 10 were made with four nozzles in operation.

Trials 11 to 14 were made with three nozzles in operation.

Trials 15 to 18 were made with two nozzles in operation.