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The following are the results of Competitive and Ordinary Working Tests made at the Terauley street Station of the Toronto Incandescent Light Co. between the Improved Jones' Underfeed Mechanical Stoker and EXCELLENT Hand Firing:

**GO OVER EACH ITEM CAREFULLY**

POINTS OBSERVED.	COMPETITIVE.		ORDINARY.	
	Jones'.	Hand.	Jones'.	Hand.
Duration of test in hours .....	94.2	93.75	18.	18.
Total coal burned, including wood equiv., in lbs .....	74447.	81770.	13600.	15000.
Water evap. from temp. of feed, in lbs. ....	621080.	593945.	126113.	112338.
Average steam pressure.....	159.7	158.5	158.	158.
Total ash.....	6158.	8998.	Not weighed.	
Actual evap. per lb. coal from temp. of feed in lbs.....	8.8426	7.263	9.227	7.489
" " " comb. " " " " .....	9.081	8.161	.....	.....
Equiv. " " coal from and at 212°, in lbs.....	9.832	8.121	10.3842	8.3876
" " " comb. " " " " .....	10.147	9.127	.....	.....
Percentage ash.....	8.2	11.	.....	.....
Relative economy.....	114.78	100.	123.2	100.

QUESTION—If the above results are obtained with Excellent Hand Firing, what would the results be with Indifferent and Poor Firing? Think on this and then ask yourself if you can afford to be without the Stoker. It is the ORDINARY WORKING Test that tells the tale, not the COMPETITIVE.

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