

ENGINEER'S OFFICE

F. P. No. 1221-F

Requisition No. _____

CHAMPION COPPER CO.

Adams Township, MI

Drawn by H. Mercer

PAINESDALE, MICH.

Checked by _____

Date Apr. 28 1911

SUBJECT ILLUMINATION TESTS on CANDLES & SUNSHINE

Source of Light	Tests for Candle Power						Average	Time of Burning	Rem.
	1	2	3	4	5	6			
Candle, (Schneider)	1	1	1	1	1	1	1.00	5h.-58m.	Assumed for Reference
" Std. Oil Co.	1.38	1.28	1.83	1.75	1.75	—	1.60	5-41	More Smoke than Schneider
Sunshine, Goodell #1	2.89	2.89	2.81	2.98	2.98	2.98	2.92	1-20	
" Wagner #2	2.98	2.89	2.89	2.98	2.89	2.89	2.92	1-11	
" Std. oil Co.	2.03	2.03	2.03	1.96	1.96	2.03	2.01	1-14	

Same amount of Sunshine, by weight, used in each Lamp during Time Test. Wicks & all conditions same as near as possible. "Husson" Lamps were used.