

Table 2. Performance of Crawford double underfeed stoker on Pennsylvania Lines West of Pittsburgh, including all trips of all stokers from the experimental installation to Feb. 28, 1913.

Table 2 gives a rather comprehensive idea of the success with which the Crawford underfeed stokers have been operated on the Penna. Rd. The tabulation covers the performance of the stokers with respect to handling fuel. Up to Feb. 28, 1913, the stoker-fired engines had made 31,910 trips. Of this total number of trips, 19,475, or 61% were 100% trips; that is to say, trips on which the stoker handled practically all of the coal which was placed in the fire box. In comparison with this, we find that only 16.3% of the total number of trips were below 70%, stoker fired. The table also shows the number of trips which were partially successfully stoker fired, which

ON NORFOLK &amp; WESTERN RY.

ON ENGINES OF THE CHESAPEAKE & OHIO RY.

1912						1913						Total.					
Nov.....																	
Dec.....																	
Jan.....																	
Total....																	
Avg.....																	