

pressure of steam 17 to 20 lbs. This Steamer used Intercolonial Coal five months (Nov. 1869.) About 27 tons were used per day. I have found in practice 20 tons best Welsh Coal in evaporative power equal to 27 tons Intercolonial, and 27 tons Intercolonial, to 30 tons Scotch. All things considered I would rather have Intercolonial. If the openings of the grate bars are only  $\frac{3}{4}$  to 1 inch apart no slack is wasted by falling through the grate unconsumed. The coal cakes but little on the grate, but little clinkers is formed but that what there is, is in sheets of some thickness, and that when compared with English or Scotch Coals; this coal gives considerably more ash. Intercolonial coal has given me good satisfaction, all things considered. Leaving so large an amount of ash occasions extra work, but this is more than compensated by the saving in grate bars which last much longer with this coal, than when Welsh (or any other) coals are used.

#### GAS MAKING.

The majority of the coals of the Pictou region furnish an excellent coke, in the gas retorts, if properly carbonized, as is abundantly proved by the statements and experiments of some of the first Gas Chemists of this continent.

#### REPORTS.

Mr. Alex. Thompson, Manager Pictou Gas Works.

#### INTERCOLONIAL CO.'S COAL.

<i>Cubic feet per ton, 2,240 lbs.</i>	<i>Candle power.</i>	<i>Bushels of Coke.</i>
7,700.	15.	34.

Qualily of Coke, good.

#### LETTER FROM MR. GEORGE BUIST.

(COPY.)

"GAS OFFICE, *Halifax*, 24 Feb'y., 1870.

"EDWARD HARTLEY, ESQ.,

"DEAR SIR,—I beg to acknowledge yours of 8th inst., making enquiries regarding Pictou coals.

"I think the followihg statement may be taken as giving