YOKE PRANCE FOR SUPPORTING LIKE STATES FALLS YORK ENGLES

MF. Watt's examination has included the examination of a fair number of pulleys on different routes, the examination being made by the pulley being removed from a yoke frame while the rope was in motion. Mr. Watt made no examination of the yoke frames, principally because it is dangerous work to do when the rope is running and, in addition, he would be incapable of getting through the small manholes to make the necessary close examination.

I thought it desirable that we should examine these yoke frames and arranged than Mr. Blackwell should do a few on the Southern side last Sunday week, and a few on the Northern side last Sunday.

The results of these examinations are summarised in the at-

We are informed that it is important that the distance from the slot beams to the top of the frames should be 30", and gauges are in use by the officials for testing this from time to time. We are also informed that when this exceeds 31", the depth is considered excessive, and the frames require re-adjustment in height.

in the Southern Section

It will be noted that/38.5% of the frames in good condition and those slightly worm, and in the Northern Section, 37%, require readjustment as regards height. The alteration in the height is due to the loosening of the bolts or the breaking off of the bolts which attach these frames to the yokes.

The general condition of the frames in the Southern Section compared with those in the Earthern is very marked. The Southern Section had 27% of the frames badly worn, and 23% of the frames cracked, and both of these classes should be renewed. In the Northern Section, there was only one frame out of 39 examined, or 2.6%, which was badly worn, and none were found to be cracked.

Consideration should be given to the further steps to be taken in regard to this state of affairs.

It is a long and tedious operation making the examination and it could only be done at night time or on Sunday mornings.

There are approximately 4,700 of these Pulley Yoke Frames in the Southern Section and 8576 in the Morthern Section.

It will be noted that many of these frames which were examined and condemned for being badly worn or cracked also exceed the 31" maximum height from the top of the slot beam which is per-易 吳 寒 其 萬 晉 舜 mitted.

From the examination we have already made it would appear desirable that an examination of a fair percentage of all the frames should be made, particularly in the Southern area, so as to forma fair average in regard to the system as a whole,

> (Sgd.) P. J. PRINGLE

of h d B

IN MADELINE & SWANSTON STREETS LIST SHOWING THE CONDITION OF PULLTY YORR FRANCE

Distance from Top of high being to top of (SOUTHERN SECTION) which,

LYDY SHOWING THE COUNTYION OF PULLLY YORK FULLY IN COLLING STREET

Distance from top of Slot Beam to top of Yoke Frames is 30 inches.

Approximately 25% examined

FRAMES IN GOOD CONDITION Distance from top of Slot beam to both ends offrame		Distance from top of slot beam to both ends of frame		FRANCE BADLY WORK (WORN 4 WAY & GREATER THROUGH ONE SIDE OF L SECTION) Distance from top of slot beam to both ends of frame		Distance from top of slot beam to both ends of frame	
		10 12	nose obligation a space reces of her liberature services and the herical				
31.75*	30.5"	30.25*	29.75°	30.5*	31.5"	30.25"	30.25*
30*	30.5"	30.5"	3.30*5	30.25° ₫	30.25"	30*	30"
30.5*	30,25"	331.75"	3317 #	31"	34*	32.75*	29.75"
34"	31****	30.35"	32.5"	31.75*	34*	30*	30.25"
30"	30*			31.75"	34.5"	30.25"	30"
31.25"	31.5* 9			31.75"	33-37"	33*	32.5
30.25*	30*			30.5"	31.5"		
31.25"	32" \$						
31.62*	32.5* 8						res sijest
31.5*	29.75**					The second secon	
29.754	20130 58 h	A & B require 3 = 11.5% 7= 27% t for height		7%	X = 16 = 230 o bech		

9 m 17.9%

\$ = Requires adjustment for height.

1 = 2,86

Approx. 255 exestand.

tion & shound to

Total - 39

LIST SHOWING THE CONDITION OF PULLBY YORR FRANCS IN MADELINE & STANSTON STREETS

(SOUTHERN SECTION)

Distance from top of Slot Beam to top of Yoke Frames is 30 inches.

Approximately 25% examined

Distance f	rom top of Slot beards offrame	m Distance fr	om top of slot h ends of frame	ONE SIDE OF Distance fr	ADLY WORK 6 GREATER THROU L SECTION On top of slot h ends of frame	top of beam to	slot	
31.75*	30.5"	30.25*	29.75*	30.5"	31.5*	30.25"	30.25	
30*	30.5"	30.5"	30*	30.25"	8 30.25*	30"	30*	
30.5	30.25*	31.75*	31. \$	31."	34*	32.75"	29.75	
34*	314) 0	A Mar A E t		31.75*	34"	30*	30.25*	
30*	30*	THE FOLL		31.75"	34.5"	30.25*	30"	
31.25"	31.5" 0			31.75"	33-37"	33*	32.5*	
30.25*	30*			30.5"	31.5"			
31.25*	32* \$							
31.62*	32.5" 0							
31.5*	29.75							
10.=	38.5% 38.5%	of A & B require	3 = 11.5%	7= 27%		6 =	6 = 235	

^{\$ =} Requires adjustment for height.