

CANADIAN PACIFIC RAILWAY CO. LINES ^{Canadian}
East of FORT WILLIAM. MOTIVE POWER DEPT. ^{Pamphlet}
First...

AIR BRAKE QUESTIONS.

- 1.—What are the essential parts of the air brake as applied to a locomotive?
- 2.—How is the air compressed for use in the brake system?
- 3.—How many kinds of triple valves are there in use?
- 4.—What is the main reservoir used for and where is it usually located?
- 5.—What is the usual standard train pipe pressure?
- 6.—What is the standard main reservoir pressure carried on this system:
 - (a) With ordinary governor?
 - (b) With duplex governor?
- 7.—Why is it important that all air brake apparatus should be kept tight and free from leaks?
- 8.—Where does the air come from that operates the sand blower, bell ringer, air signal whistle and other devices?
- 9.—Explain how an air pump should be started and run on the road.
- 10.—How should the steam end be oiled?
- 11.—How should the air end of the pump be oiled, and what kind of oil used?
- 12.—How is the automatic brake applied and released?
- 13.—(a) How many positions are there of the brake valve? (b) What are they?