ENGINEERING CLUB OF CANADA

The gas is now ready for distribution, it being in a commercially pure condition, and is stored in the gas holders for distribution. Now a word as to the gas holders. As I mentioned in the first part of my paper, the gas holder as used to-day was first invented by a Frenchman, but the size in use then has been magnified many times, the largest in the world being in Astoria, New York, and holding fifteen million cubic feet. London, England, also has one of twelve million capacity, and Birmingham one of eight and a quarter million capacity.



These structures are tremendous and demand great engineering skill in the design and erection. This city will have the honor soon of having the largest in the Dominion, a five million capacity holder being put up by the Consumers' Gas Co.

The gas as it leaves the holders is at too high a pressure to be conveniently handled in the distribution mains and services, therefore the pressure is reduced in the governor. This works practically as an engine governor. It is set to give any desired pressure by means of iron weights, water or mercury. A water or mercury loaded governor is preferable to an iron weighted one, on account of being able to add or reduce any desired pressure imperceptibly, a water loaded type of governor being shown in the drawing. Seven to thirteen tenths is generally