

(1) Calcium carbide factories may be classed in the same category as iron foundries, with the additional risk incident to electrical plant.

(2) The storage of carbide should be subject to the conditions governing that of inflammable liquids. Packages to be of sheet steel of, at least, twenty-seven gauge, well-tinned, having sealed and soldered joints, and furnished with water-tight metallic caps. Packages to be further protected by being enclosed in strong wooden cases. Place of storage to be well ventilated, dry and well-drained.

(3) Carriage of carbide, by water, to be held to involve extra risk.

(4) Carbide to be free from phosphoretted or siliciuretted compounds, as determined by analysis, or assured by guarantee.

(5) Apparatus for generating acetylene to be inspected and approved before use, and to embody certain general features of construction to be hereafter specified.

(6) Rooms for the installment of apparatus to be well-drained, free from dampness, and provided with sufficient overhead ventilation communicating directly with the open air. No fire, flame, or artificial light to be allowed in apparatus room, nor are such places to be used for any other purposes than that indicated.

(7) Manufacture of gas to be carried out by a properly-instructed and capable person, and never to be attempted except by daylight.

(8) Residues from generator to be removed by daylight, and directly deposited at a proper distance from any building.

(9) The use of acetylene gas for lighting purposes, need not be placed under any special restrictions when the apparatus is not located in the building, and at a safe distance from it.

Some of the claims made by the Hamilton

Acetylene Gas Machine Co., whose generator is herewith illustrated, are:—

The light is the same every day in the year.

It gives the brightest light for the least heat.

It burns free and needs no chimney.

It gives a light nearer like daylight than any other illuminant. It has no soot.

Color values are the same by acetylene light as by daylight.

Decorations are the same by night as by day when you use acetylene.

## "PEERLESS," LUBRICATING

"R. R. R.," DYNAMO

"PEERLESS" ENGINE

"DARK VALVE"

"DARK PEERLESS," CYLINDER

"ATLANTIC" RED, "BAYONNE" ENGINE

"RENOVN" ENGINE AND "CAPITOL" CYLINDER

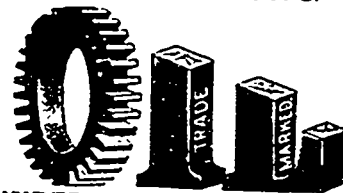
THE VERY BEST THAT IS MADE.

And if our travelers fail to call in time, write for samples and prices. We can fit you out.

THE QUEEN CITY OIL CO., LIMITED,

SAMUEL ROGERS, President.

TORONTO.



## D. K. McLAREN

VICTORIA SQUARE.

Manufacturer and Mill Furnisher,

Montreal—Ottawa—Galt.

## OAK TANNED LEATHER BELTING.

Lancashire Hair Belting.

English Card Clothing.

WESTERN TRADE:—

Please note we always do business on the SQUARE, but for your convenience we have opened a branch at Galt, Ont.

## Dominion Oil Cloth Co.,

Manufacturers of....

## OIL-CLOTHS OF EVERY DESCRIPTION

Floor Oil-Cloth, Table Oil-Cloth, Carriage Oil-Cloth,  
Enamelled Oil-Cloth, Stair Oil-Cloth, etc, etc.

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## ADVERTISE

—IN—

...The Canadian Manufacturer...

SEND FOR RATES.

# THE DIFFERENCE

The difference in taking down a section of line shaft, removing couplings, etc., and putting on solid iron pulley and then putting all back in place, and in putting on a "REEVES" Patent Wood Split Pulley, leaving the shaft unmolested, will in nearly every case pay for the "REEVES" entire.

REEVES PULLEY CO., Pearl St., - Toronto, Ont.

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