

FORMULAS FOR DYEING.

Messrs. W. J. Matheson & Co., New York, have sent us a color card in which is shown six dyeings on worsted yarn dyed with colors made by the company. These colors show the depth of color produced by each dye with percentage given. The colors shown are also a good line for fancy dress goods, piece-dyed dress goods and knitting yarns. The method of preparing the bath for dyeing, is to fill the dye tub quarter full of water, get to boil, then put in dyes and Glauber's salts: boil until dissolved, then fill with cold water to within six inches of

the top of the tub. Put in oil of vitriol and thoroughly stir; have the yarn thoroughly wet, enter into dye liquor quickly, give two or three turns; then put on steam and heat to boil in about half to three-quarters of an hour. Manipulate according to formula.

No. 1.—Bright green.—100 pounds worsted yarn. Prepare a bath and dye with two pounds acid green, extra concentrated, fifteen pounds Glauber's salts, four pounds oil of vitriol. Enter yarn into bath at 120 degrees F. Work well while heating to boil, work at boil one hour, lift, cool, wash and dry.

No. 2.—Bright red.—100 pounds worsted yarn. Prepare a bath and dye with three pounds naphthol red C, fifteen pounds Glauber's salts, four pounds oil of vitriol. Enter yarn into dye bath at 120 degrees F. Work well while heating to boil, work at boil one hour, lift, cool and wash and dry.

No. 3.—Violet.—100 pounds worsted yarn. Prepare a bath and dye with two pounds formyle violet 10B, fifteen pounds Glauber's salts, four pounds oil of vitriol. Enter yarn into dye bath at 100 degrees F. Work well while heating to boil, work at boil one hour, lift, cool, wash and dry.

No. 4.—Orange.—100 pounds worsted yarn. Prepare a bath and dye with one pound orange GG, ten pounds Glauber's salts, four pounds oil of vitriol. Enter yarn into dye bath at 10 degrees F. Work well while heating to boil, work at boil one hour, lift, cool, wash and dry.

No. 5.—Cochineal red.—100 pounds worsted yarn. Prepare a bath and dye with three pounds brilliant cochineal 4R, fifteen pounds Glauber's salts, four pounds oil of vitriol. Enter yarn into dye bath at 120 degrees F. Work well while heating to boil, work at boil one hour, lift, cool, wash and dry.

No. 6.—Bright blue.—100 pounds worsted yarn. Prepare a bath and dye with two pounds indigo blue N, fifteen pounds Glauber's salts, four pounds oil of vitriol. Enter yarn into dye bath at 120 degrees F. Work well while heating to boil, work at boil one hour, lift, cool, wash and dry.

Warrell & Howard's planing mill at Powassan, Ont., was burned July 26th.

Cole & Gable will build a flour mill at Dauphin, Man., having a capacity of ninety barrels daily.

H. B. Hunt will build a new flour mill near Beeton, Ont.

**THE
CHEMICAL
COMPOUND
COMPANY**

**CORRECTLY
COMPILED
CHEMICAL
COMPOUNDS**

**CIVILITY
CAREFULNESS
COMPLETENESS
CONTINUITY**

DO YOU KNOW

That you are paying for Boiler Compound all the time whether you use it or not?

IF YOU DO NOT BUY

You will pay your coal dealer more than its cost in the extra Coal you burn.

Zinkolene Saves Money

THE CHEMICAL COMPOUND CO., 311 Temple Building, Toronto.

THE OTTAWA PORCELAIN AND CARBON CO., Limited, OTTAWA, ONT. . . .

MANUFACTURERS OF

CARBON POINTS for all kinds of Arc Lamps, including Cored and Solid Carbon for Incandescent Circuits.

..... ALSO.....

MOTOR BRUSHES and Specialties in Carbon for Telegraph, Telephone and Electric Light Supplies.

PORCELAIN INSULATORS, Cleats, Door Knobs, and all kinds of Pressed Porcelain for Electrical and Hardware Lines.

ALL GOODS GUARANTEED TO GIVE SATISFACTION.

A Saving.

The first cost is not the test of an actual saving. The truly Economical Manufacturer knows this to be true. For instance, the cheap, trappy Pulley, by its inferior working qualities, is a source of loss to the user the moment it is put in operation, and this loss continues all the time the Pulley is working. You do not get the full or proper results from your power plant. Higher price, though, is not always a sign of better quality, for instance—you may or may not have to pay more for

"THE REEVES" PATENT WOOD SPLIT PULLEY

but in either case you are getting the best value on the market. Because with THE REEVES the saving is continual, in Power, in Time, in Shafting, in Belting, and last but not least, and as a result of all the other savings, a saving in Money. CAN YOU AFFORD TO BE WITHOUT "THE REEVES"? Is the best too good for you? WRITE TO-DAY FOR OUR CATALOGUE AND GET OUR PRICES.

Also COLUMBUS, IND.

REEVES PULLEY CO., Toronto, Ont.