

oughly waterproofed with (a) a mixture of ceresine and resin, or (b) with paraffin wax;

(2) That the explosive shall be used only with a detonator or electric detonator of not less strength than that known as No. 6 (*i.e.*, the detonator or electric detonator to be used shall possess an effective detonative strength as great as, or greater than, that of one containing 15 grains of a composition consisting in every 100 parts by weight of 80 parts of fulminate of mercury and 20 parts of chlorate of potassium);

(3) That the greatest weight of the explosive which may be used in any one shot-hole shall not exceed 24 ounces;

(4) That the explosive has been made at the works of Nobel's Explosives Company Limited, at Ardeer, in the county of Ayr;

(5) That the explosive is in all respects similar to the sample submitted to test on the 1st day of June, 1915;

(6) That each cartridge, in addition to any marking required in the Third Schedule to this Order, shall also be clearly marked with the words "Not more than 24 ounces in any one shot-hole"; and

(7) That in addition to the marking on the outer package required by an Order of the Secretary of State, made under the Explosives Act, 1875, and in force for the time being, such outer package shall bear the words "As defined in the List of Permitted Explosives"; and, further, that each inner package shall be clearly marked with the words "Permitted Explosive, to be used only with not less than No. 6 detonator," and also with the name of the explosive, the name of the manufacturer, the date and place of manufacture, and the nature and proportion of the ingredients.

Four ounces of *Dynobel No. 2* gave a swing of 2.46 inches to the Ballistic Pendulum compared with a swing of 3.27 inches given by four ounces of Gelignite containing 60 per cent. of nitro-glycerine.

Super-Rippite No. 2, consisting of the following mixture:—

Ingredients.	Parts by weight.	
	Not more than.	Not less than.
Nitro-glycerine ...	52.5	50.5
Nitro-cotton ...	3.5	2.5
Amido compound ...	0.4	—
Perchlorate of potassium	12	10
Borax ...	24.5	22.5
Chloride of potassium ...	11	9
Moisture ...	1.5	0.5

Provided:—

(1) That the explosive shall be used only when contained in a non-waterproofed wrapper of parchment paper;

(2) That the explosive shall be used only with a detonator or electric detonator of not

less strength than that known as No. 6 (*i.e.*, the detonator or electric detonator to be used shall possess an effective detonative strength as great as, or greater than, that of one containing 15 grains of a composition consisting in every 100 parts by weight of 80 parts of fulminate of mercury and 20 parts of chlorate of potassium);

(3) That the greatest weight of the explosive which may be used in any one shot-hole shall not exceed 26 ounces;

(4) That the explosive has been made at the works of Nobel's Explosives Company Limited, at Ardeer, in the county of Ayr;

(5) That the explosive is in all respects similar to the sample submitted to test on the 2nd day of August, 1916;

(6) That each cartridge, in addition to any marking required in the Third Schedule to this Order, shall also be clearly marked with the words "Not more than 26 ounces in any one shot-hole"; and

(7) That in addition to the marking on the outer package required by an Order of the Secretary of State, made under the Explosives Act, 1875, and in force for the time being, such outer package shall bear the words "As defined in the List of Permitted Explosives"; and, further, that each inner package shall be clearly marked with the words "Permitted Explosive, to be used only with not less than No. 6 detonator," and also with the name of the explosive, the name of the manufacturer, the date and place of manufacture, and the nature and proportion of the ingredients.

Four ounces of *Super-Rippite No. 2* gave a swing of 2.49 inches to the Ballistic Pendulum compared with a swing of 3.27 inches given by four ounces of Gelignite containing 60 per cent. of nitro-glycerine.

COAL MINES ACT, 1911.

In pursuance of Part I of the Second Schedule to the Coal Mines Act, 1911, notice is hereby given that the Board of Trade proposes to make General Regulations under the said Act to apply to all mines under that Act, and relating to the use of horses and other animals in mines.

Copies of the draft regulations may be obtained by persons affected on application to the Secretary for Mines, 46, Victoria Street, London, S.W. 1.

Any objection to the draft regulations by or on behalf of any person affected thereby must be sent to the Secretary for Mines within 30 days of the date of this notice, *i.e.*, before 15th August next. Every such objection must be in writing, and must state (a) the specific grounds of objection; (b) the omissions, additions or modifications asked for.

Mines Department,
46, Victoria Street,
London, S.W. 1