EXPLANATORY NOTE

(This note is not part of the Order, but is intended to indicate its general purport.)

This Order conveys the approval of the Ministry, after consultation with the Ministry of Education, to the scheme submitted by the Board for carrying out its functions under section 3 of the Act.

1963. No. 41 **[NC]**

QUARRIES

Returns and Records

RULES, DATED 11TH MARCH, 1963, MADE BY THE MINISTRY OF COMMERCE UNDER SECTIONS 3, 11, 17, 18, 19 AND 21 OF THE QUARRIES ACT (NORTHERN IRELAND) 1927.

The Ministry of Commerce in exercise of the powers conferred on it by sections 3, 11, 17, 18, 19 and 21 of the Quarries Act (Northern Ireland), 1927(**a**) (hereinafter referred to as "the Act") and of all other powers enabling it in that behalf, hereby makes the following Rules:—

Commencement and Citation

1. These Rules shall come into operation on 1st May, 1963, and may be cited as the Quarries (Returns and Records) Rules (Northern Ireland) 1963.

Steam Boiler Examinations

2. A report made in pursuance of section 3(4) of the Act of the result of an examination of a steam boiler shall be in the form and shall contain the particulars specified in the First Schedule.

Accidents

3. Notice of accidents required by section 11 of the Act to be sent to the inspector shall be in the form and accompanied by the particulars specified in the Second Schedule.

Annual Returns

4. The return required by section 17 of the Act to be sent to the Ministry of Commerce on or before the first day of February in every year by the owner, occupier or agent of every quarry shall be in the form prescribed in the Third Schedule.

Abstract of the Act

5. The abstract of the Act required by section 18 of the Act to be kept affixed at every quarry shall be in the form prescribed in the Fourth Schedule.

General Registers

6. The general register required by section 19 of the Act to be kept at every quarry shall be in the form prescribed in the Fifth Schedule.

Sealed with the Official Seal of the Ministry of Commerce for Northern Ireland this eleventh day of March, nineteen hundred and sixty-three, in the presence of

(L.S.) *W. J. Thompson,*
Assistant Secretary.

(**a**) 17 & 18 Geo. 5. c. 19 (N.I.).

FIRST SCHEDULE

Q. FORM No. 1.

QUARRIES ACT (NORTHERN IRELAND), 1927

Report of Examination of Steam Boiler

See Notes overleaf.

Address of Quarry

Name of Owner or Occupier

Description or distinctive number of Boiler, and type

Age .. ..

The history should be briefly given, and the examiner should state whether he has seen the last previous report.

Date of last hydraulic test (if any) and pressure applied

Quality and source of feed water .. .. ..

1. Boiler—
   (*a*) What parts (if any) were inaccessible?
   (*b*) What examination and tests were made? (See Note C overleaf.)
   (*c*) Condition (State any defects materially affecting the permissible working pressure.) External: Internal:
2. Mountings—
   (*a*) Are there proper mountings, including safety valve, water gauge, and steam gauge?
   (*b*) Are all mountings properly maintained and in good working order? (See Note B overleaf.)
   (*c*) Are the water gauges protected or provided with valves?
3. Repairs (if any) required, and period within which they should be executed.
4. Permissible working pressure for the ensuing 14 months, calculated from dimensions and from the thickness and other data ascertained by the present examination; due allowance being made for conditions of working if unusual or exceptionally severe.
   Where repairs affecting the working pressure are required, state the permissible working pressure—
   (*a*) Before the expiration of the period specified in 3.
   (*b*) After the expiration of such period if the required repairs have not been completed.
   (*c*) After the completion of the required repairs.
5. Other observations .. ..

I certify that on the boiler above described was sufficiently scaled, prepared, and (so far as its construction permits) made accessible for thorough examination and for such tests as were necessary in order to complete a thorough examination, and that on the said date I thoroughly examined this boiler, including its mountings, and that the above is a true report of the result.

Signature — Counter-Signature (when required: see Note A2 overleaf.)

Qualification — Name of Company or Association.

Address

Date — Date

NOTES

A.—The Quarries Act (Northern Ireland), 1927 (Sections 3 and 19) requires as follows:—

(1) Every steam boiler, whether separate or one of a range, in use at a quarry must—

(a) have attached to it a suitable safety valve and a correct steam pressure gauge and water gauge to show the pressure of steam and the height of water in the boiler and, unless externally fired or of the water tube type, be provided with a suitable fusible plug or an efficient low water alarm device;

(b) be maintained in efficient working order together with all its fittings and attachments;

(c) be examined thoroughly by a competent person at least once in every fourteen months and also after any extensive repairs.

(2) A report of the result of every such examination in the prescribed form, containing the prescribed particulars, shall, within twenty-eight days, be entered into or attached to the General Register of the quarry, and the report shall be signed by the person making the examination, and, if that person is an Inspector of a Boiler Inspecting Company or Association, countersigned by the Chief Engineer of the Company or Association.

(3) A boiler which has previously been used elsewhere shall not be taken into use at any quarry unless it has been examined and reported on in conformity with (1) (c) and (2) above.

(4) The General Register shall be available for production to the Inspector of Quarries for at least two years after it ceases to be used.

B.—Where, in order to furnish replies to items 2 (a), (b), and (c) overleaf, a further examination is necessary in order to test the mountings under working conditions, a provisional entry ("reserved for supplementary report after examination under working conditions") may be made with regard to the items in question, provided that (i) the thorough examination is completed within the statutory period of 14 months, and (ii) a supplementary report on this form is inserted in the General Register. In such a case it is not essential that the supplementary report should repeat detail, already given in the partial report, which needs no further comment; but the dates appended to the supplementary report should be those of both parts of the examination, and in the earlier of the two reports the certificate will need the addition of the qualifying words "subject to the reservation (noted above) of certain points for examination under working conditions," after the word "examined."

C.—According to the type of boiler, facilities must be given by the owner, occupier or agent for such examination (internal or external), hammer testing, drilling, lifting hydraulic testing, steam trial, or other means of testing as may be necessary for the thorough examination. Thus, the boiler should be opened out, cleaned and scaled; doors of man-holes, mud-holes, and hand-holes taken off; fire-bars removed, and (in case of Lancashire and Cornish boilers) fire-bridges if of brick; all connections opened out; safety valves taken adrift, cleaned, and re-adjusted. Where necessary, brickwork must be removed for the purpose of inspection of vital parts of the external surface of the boiler.

D.—The owner, occupier or agent of a quarry is responsible for seeing that the provisions of the Quarries Act, including the employment of a *competent* person to make the examination, are fulfilled and in the event of any contravention of the requirements of such provisions shall be deemed to be guilty of an offence against the Act. Every person who is guilty of an offence in respect of the above-mentioned provisions shall be liable to a fine not exceeding Ten Pounds for each offence and, if the Inspector of Quarries has given written notice of any such offence, to a further fine not exceeding Two Pounds for every day after such notice that such offence continues to be committed.

SECOND SCHEDULE

Q. FORM No. 2. Accident No.....19....
(Number to be filled in by Inspector)

QUARRIES ACT (NORTHERN IRELAND), 1927

Notice of Accident

INSTRUCTIONS

A Notice in the form below must be sent *forthwith* to the Inspector of Quarries when an accident occurs at a quarry in the following cases:—

(1) Any accident causing loss of life to a person employed in the quarry;
(2) Any accident disabling any such person for more than THREE DAYS from earning full wages at the work at which he was employed;
(3) Any accident caused by an explosion or the breaking or overwinding of any rope, chain or other gear by which men are raised or lowered, whether personal injury or disablement is caused or not.

In the case of a fatal accident or an explosion, it is desirable that a preliminary intimation be given immediately to the Inspector and the full particulars sent by post on this Form.

1—Name of Quarry .. County	
2—Name and Postal Address of Owner (Occupier) ..	

3— Names of Persons killed or injured.		Age last Birthday	Ordinary Occupation
Killed.	Injured.		

4—Date and hour of Accident	
5—Place of Accident ..	
6—Cause and Description of Accident .. .. (In case of injury by explosive, state name of explosive and how fired.)	
7—Nature and extent of personal injury caused ..	
8—Residence of injured person	
9—Place to which injured person has been removed.	

(Signed)....., Owner, Occupier or Agent.
Date.....19....

To the Inspector of Quarries,
Ministry of Commerce, Belfast.

THIRD SCHEDULE

Q. FORM NO. 3. Ref. No.....

QUARRIES ACT (NORTHERN IRELAND), 1927

Annual Return of Output, Value, Employment and Accidents

Name of owner or occupier	Name of quarry .....
Postal address	Situation .....
.....	.....
.....	County .....

The following particulars in respect of the year ending on the preceding 31st December are required to be sent to the Ministry of Commerce on or before 1st February each year.

SECTION I. QUANTITY *and* VALUE *of minerals produced or gotten during the year.*

Please *read carefully* the instructions below before filling in this Section.

Name of mineral (1)	*Quantity of crude mineral* (2)	*Quantity of dressed or ground mineral* (3)	*Total quantity of mineral* (4)	*Total value of mineral* (5)
	Tons	*Tons*	*Tons*	£

INSTRUCTIONS FOR FILLING UP SECTION I.

1. GENERAL.—In this Section of the return particulars are required of all the mineral produced at the quarry during the year.

2. NAME OF MINERAL (Column 1).—The actual name of the mineral should be stated, such as "basalt", "chalk", "clay", "diatomite", "felspar", "flint", "granite", "grit", "conglomerate", "gypsum", "lignite", "limestone", "sand", "gravel", "sandstone", "perlite". *The entry of the word "stone" or the use of such terms as "building stone", "road metal", "road stone", etc., is not sufficient.*

3. QUANTITY OF MINERAL (Columns 2, 3 and 4).—Quantities should be shown in tons of 2,240 lbs. If the mineral has not been actually weighed the weight should be estimated from the number of cart or wagon loads or cubic yards obtained.

4. QUANTITY OF CRUDE MINERAL (Column 2).—Crude mineral refers to mineral disposable in the same condition in which it was quarried.

5. QUANTITY OF DRESSED OR GROUND MINERAL (Column 3).—"Dressed or ground mineral" is intended to cover the merchantable mineral such as flags, paving, setts, kerbs, building stone, road-stone, obtained from the crude mineral quarried, etc., by such process as rough hewing, rough shaping, splitting, sawing, planing, washing, crushing, screening or grinding. In the case of monumental stone "dressing" should cover the processes up to (and including) rough shaping, but should exclude carving and polishing. The disposable residue from these processes should be included with the "crude mineral" (Column 2). *In the case of tarred stone, the particulars should relate to the mineral in its condition before the addition of tar.* If the mineral was made into bricks, tiles, etc., particulars of the brick earth, clay, etc., should be given. Particulars of bricks, tiles, etc., made are *not* to be included.