EXPLANATORY NOTE

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

This Order prescribes the particulars to be contained—

(*a*) in reports of examinations of lifting appliances, chains, ropes, lifting gear and hoists; and

(*b*) in reports of the annealing or appropriate heat treatment of chains and lifting gear,

which are required by the Construction (Lifting Operations) Regulations (Northern Ireland) 1963.

1963. No. 131 **[NC]**

FACTORIES

Construction (Lifting Operations)—Certificates

ORDER, DATED 28TH JUNE 1963, MADE BY THE MINISTRY OF LABOUR AND NATIONAL INSURANCE UNDER THE CONSTRUCTION (LIFTING OPERATIONS) REGULATIONS (NORTHERN IRELAND) 1963.

The Ministry of Labour and National Insurance for Northern Ireland in pursuance of Regulations 28(5), 34(1), 35 and 46(1) of the Construction (Lifting Operations) Regulations (Northern Ireland) 1963(a) (hereafter in this Order referred to as "the Regulations") hereby makes the following Order:

Citation and commencement

1. This Order may be cited as the Construction (Lifting Operations) Certificates Order (Northern Ireland) 1963 and shall come into operation on the 2nd day of September 1963.

Cranes

2. A certificate of any test and thorough examination made in pursuance of paragraphs (1) or (2) of Regulation 28 of the Regulations of a crane shall be in the form set out in Part I of the Schedule to this Order.

Crabs, winches, pulley blocks and gin wheels

3. A certificate of any test and thorough examination made in pursuance of paragraphs (1) or (2) of Regulation 28 of the Regulations of a crab, winch, pulley block or gin wheel shall be in the form set out in Part II of the Schedule to this Order.

Wire ropes

4. A certificate of any test and examination made in pursuance of sub-paragraph (*b*) of paragraph (1) of Regulation 34 of the Regulations of a wire rope (other than a wire rope used before the 2nd day of September 1963)

(a) S.R. & O. (N.I.) 1963, No. 86.

to be used in raising or lowering or as a means of suspension shall be in the form set out in Part III of the Schedule to this Order.

Chains and lifting gear

5. A certificate of—

(*a*) any test and examination made in pursuance of sub-paragraph (*b*) of paragraph (1) of Regulation 34 of the Regulations of a chain or lifting gear to be used in raising or lowering or as a means of suspension; or

(*b*) any test and thorough examination made in pursuance of Regulation 35 of the Regulations of a chain, ring, link, hook, plate, clamp, shackle, swivel or eye-bolt which has been lengthened, altered or repaired by welding and which is to be used in raising or lowering or as a means of suspension,

shall be in the form set out in Part IV of the Schedule to this Order.

Hoists

6. A certificate of any test and thorough examination made in pursuance of sub-paragraph (*a*) of paragraph (1) of Regulation 46 of the Regulations of a hoist manufactured or substantially altered or substantially repaired after the 2nd day of September 1963 shall be in the form set out in Part V of the Schedule to this Order.

Sealed with the Official Seal of the Ministry of Labour and National Insurance for Northern Ireland this 28th day of June, nineteen hundred and sixty-three.

(L.S.)

W. Slinger,
Assistant Secretary.

SCHEDULE

PART I

Article 2

Form N.I.96

Certificate of test and thorough examination made in pursuance of paragraph (1) or paragraph (2) of Regulation 28 of a crane

1. Name and address of owner of crane		
2. Name and address of maker of crane		
3. Type of crane and nature of power (e.g., Scotch derrick-manual; Tower derrick-electric; Rail mounted tower-electric)		
4. Date of manufacture of crane		
5. Identification number	(*a*) Maker's serial number	
	(*b*) Owner's distinguishing mark or number (if any)	
6. Make and type of automatic safe load indicator, if required (See Regulation 30)		
7. Make and type of derricking interlock, if required (See Regulation 22)		
8. Date of last previous test of crane		
9. Date of last previous thorough examination of crane		—

10. Safe working load or loads
In the case of a crane with a variable operating radius (including a crane with a derricking jib or with interchangeable jibs of different lengths) the safe working load at various radii of the jib, jibs, trolley or crab must be given. Test loads at various radii should be given in column (iii) and in the case of a safe working load which has been calculated without the application of a test load "Nil" should be entered in that column.

(i) Length of Jib (feet)	(ii) Radius (feet)	(iii) Test Load (tons)	(iv) Safe Working Load (tons)

11. In the case of a crane with a derricking jib or jibs the maximum radius at which the jib or jibs may be worked (in feet)	
12. Defects noted and alterations or repairs required before crane is put into service. (If none, enter "None")	

I hereby certify that the crane described in this Certificate was tested and thoroughly examined on.....and that the above particulars are correct.

Signature Qualification

Name and address of person, company or association by whom the person conducting the test and examination is employed

Date of Certificate.....

Article 3

PART II Form N.I.80

Certificate of test and thorough examination made in pursuance of paragraph (1) or paragraph (2) of Regulation 28 of a crab, winch, pulley block or gin wheel

Owner's Name and Address:

Description of appliance(s) type and distinguishing mark	Test load applied (tons)	Safe working load (tons)	Defects noted, alterations or repairs required. (If none, enter "None")

I hereby certify that on.....the appliances described in this Certificate were tested and thoroughly examined and that the above particulars are correct.

Signature

Qualification

Person or Firm by whom the person conducting the test and examination is employed

Date of Certificate.....

Article 4

PART III

Form N.I.87

Certificate of test and examination made in pursuance of Regulation 34(1)(b) of a wire rope

---

(1) Name and address of the maker or supplier of the rope ... ...

(2) (*a*) Size of rope in inches (state whether diameter or circumference) ... ...
(*b*) Number of strands ... ...
(*c*) Number of wires per strand ... ...
(*d*) Lay ... ...

(3) Tensile strength of wire (tons* per sq. inch) ... ...

(4) (*a*) Date of test of sample of the rope ... ...
(*b*) Load at which this sample broke ... ...
(*c*) Safe working load,* subject to any stated qualifying conditions, such as minimum pulley diameter, direct tensile load, etc. ... ...

(5) Name and address of public service, association, company, firm or person making the test ... ...

(6) POSITION in public service, association, company or firm named above of person who made the test, or
QUALIFICATION if he is working on his own account ... ...

I certify on behalf of the firm or person named in (1)† (5)† above, that the above particulars are correct.

†Delete whichever is not required.

Signature..... Date.....

*1 ton=2,240 lbs.

Article 5

PART IV

Form N.I.97

Certificate of test and examination made in pursuance of Regulation 34(1)(b) of a chain or lifting gear or in pursuance of Regulation 35 of a chain, ring, link, hook, plate clamp, shackle, swivel or eye-bolt

(1) Name and address of Owner or Occupier.

(2) Particulars.

Distinguishing No. or Mark (i)	Description of item. This should include size, material and particulars of any heat treatment. (ii)	Number Tested (iii)	Date of Test (iv)	Proof Load Applied (specify units) (v)	Safe Working Load (specify units) (vi)

(3) Name and address of maker, supplier or repairer.

.....

.....

(4) Name and address of firm, company, association or person undertaking the test and examination.

.....

.....

(5) Name of person who carried out the test and examination.

.....

.....

(6) Position and qualification of person who carried out the test and examination.

.....

.....

(7) I certify on behalf of the firm, company, association or person named in paragraphs (4) and (5) above that the items described herein were tested and thoroughly examined and were found to be free from cracks, flaws or other defects.

Signature.....

Date.....

Article 6

PART V

Form N.I.75

Certificate of test and thorough examination made in pursuance of Regulation 46(1)(a) of a hoist

A certificate in this form is required for every hoist manufactured or substantially altered or substantially repaired after 2nd September, 1963.

---

1. Name and address of owner of hoist.
2. Name and address of maker of hoist.
3. Type of hoist, nature of power, and type of drive (e.g., friction, worm, etc.).
4. Date of manufacture of hoist, or date of completion of substantial alteration or substantial repair.
5. Identification number or mark:
   (*a*) Maker's
   (*b*) Owner's
6. (*a*) Test load applied (cwts.)
   (*b*) Safe working load (cwts.)
7. In the case of a passenger hoist, maximum number of persons to be carried at one time.
8. I hereby certify that on.....the hoist described in this certificate was tested and thoroughly examined and that the above particulars are correct.

Signature .....

Qualification .....

Person or firm by whom person conducting the test and examination is employed.

Date of Certificate.....

EXPLANATORY NOTE

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

This Order prescribes the certificates of tests and examinations—

(*a*) of cranes, crabs, winches, pulley blocks and gin wheels;

(*b*) of certain chains, ropes and lifting gear;

(*c*) of certain chains, rings, links, hooks, plate clamps, shackles, swivels and eye-bolts; and

(*d*) of certain hoists;

which are required by the Construction (Lifting Operations) Regulations (Northern Ireland) 1963.