

No. **1068**

**"NUÑEZ DE BALBOA"**

FACTORIES ACT 1961

**DOCKS REGULATIONS, 1934,** Regulation 19 (b)

Form prescribed by the Minister of Labour for

**CERTIFICATE OF ANNEALING OF CHAINS, RINGS, HOOKS, SHACKLES and SWIVELS**

Distinguishing Number or Mark (1)	Description of Gear (2)	Number of certificate of test and examination (3)	Number annealed (4)	Date of annealing (5)	Defects found at careful inspection after annealing (6)
S 1 to 3	1 7/8" D shackles	-	3	11.66	-
S 4 to 5	1 3/4" D shackles	-	2	"	-
S 6 to 9	1 5/8" D shackles	-	4	"	-
S 10 to 49	1 1/2" D shackles	-	40	"	-
S 50 to 64	1 3/8" D shackles	-	15	"	-
S 65 to 72	1 1/4" D shackles	-	9	"	-
S 73 to 94	1 1/8" D shackles	-	22	"	-
S 95 to 106	1" D shackles	-	12	"	-
S 106 to 159	7/8" D shackles	-	54	"	-
S 160 to 167	3/4" D shackles	-	8	"	-
S 168 to 169	1 1/4" Bow shackles	-	2	"	-
S 170	1 1/8" Bow shackles	-	1	"	-
S 171 to 173	1" Bow shackles	-	3	"	-
S 174 to 177	7/8" Bow shackles	-	4	"	-
S 178 to 179	3/4" Bow shackles	-	2	"	-
C 1 to 5	1 3/8" Span chains 19"-10" long.	-	5	"	-
H 1 to 8	Swivel cargo hooks	-	8	"	-
C 6 to 9	1/2" chain sling.	-	4	"	-
R 1 to 3	1 3/8" Rings.	-	3	"	-
P 1 to 6	Pennant plates	-	6	"	-

(7) Name and address of public service, association, company, firm or person carrying out the annealing and inspection.

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(8) POSITION of signatory in public service, association, company or firm named above.

Surveyor

OR, if the certificate is given by a person who carried out the annealing and inspection on his own account, QUALIFICATION—see paragraph 2 overleaf.

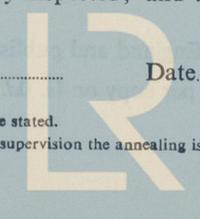
I certify that on the date shown in col. 5, the gear described in cols. 1 to 4 was effectually annealed under my supervision; that after being so annealed every article was carefully inspected; and that no defects affecting its safe working condition were found other than those indicated in col. 6.

Signature *H. A. Aschhoff*  
**H. A. Aschhoff**

Date **30th November, 1966**

NOTES

- The dimensions of the gear and the type of material of which it is made should be stated.
- The requirements as to annealing and the competency of the person under whose supervision the annealing is carried out, are explained overleaf.



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004369-004373-0327

## NOTES ON THE DOCKS REGULATIONS, 1934

1. Under Regulation 19 (b) chains, rings, hooks, shackles and swivels in general use for hoisting or lowering must be effectually annealed at the following intervals:

Class of Gear	If used on lifting machinery driven by power	If used solely on lifting machinery worked by hand
Half-inch and smaller gear ... ..	6 months.	12 months.
Other gear ... ..	12 months.	2 years.

2. The annealing must be carried out under the supervision of a competent person. If this person is working on his own account, his technical qualifications should be briefly stated at heading (8) overleaf. If he is a public official or an employee of an association or firm undertaking annealing, his position in the public service, association or firm should be stated. If he is a ship's officer, his rank should be stated.

Under Regulation 21, a person will not be deemed to be a competent person if and in so far as the Chief Inspector of Factories has given notice in writing that such person is in his opinion not technically qualified to carry out the annealing required. Any person, whom the Chief Inspector may thus declare not to be competent, has the right to appeal against such declaration to the Minister of Labour, whose decision is final.

3. The requirement of annealing does not apply to bridle chains attached to derricks or masts, and the following classes of gear have been exempted from annealing subject to the conditions stated below:

- (1) Chains made of malleable cast iron;
- (2) Plate link chains;
- (3) Chains, rings, hooks, shackles and swivels made of steel;
- (4) Pitched chains;
- (5) Rings, hooks, shackles and swivels permanently attached to pitched chains, pulley blocks or weighing machines;
- (6) Hooks and swivels having screw-threaded parts or ball bearings or other case-hardened parts;
- (7) Bordeaux connections.

These classes of gear have been exempted from annealing subject to the conditions that such gear shall be thoroughly examined by a competent person once at least in every twelve months and that, before the gear is subsequently taken into use, the prescribed certificates of such examinations shall be entered in or attached to the prescribed register.

