

Health and Safety Executive OC 407/7

Field Operations Division

To

Agricultural, Factory and Quarries Inspectors

FCG Specialist Inspectors (Mech, Const)

NEW CERTIFICATE OF APPROVAL FOR AUTOMATIC SAFE LOAD INDICATORS

Introduction

1 This OC describes a new scheme that will allow manufacturers to declare conformity with a new certificate of approval without technical assessment by HSE. The information given below is in addition to that contained in Code LCR under the Construction (Lifting Operations) Regulations: reg.30 paras 1-11.

Background

2 Automatic safe load indicators (ASLIs) required by the Construction (Lifting Operations) Regulations 1961 and the Shipbuilding and Ship-repairing Regulations 1960 must be of an approved type. This has involved an exhaustive technical assessment of each type of ASLI by HSE before an individual certificate of approval could be issued.

3 HSE has now issued a Certificate of Approval (number CON (LO) 1990/1 (General)) for ASLIs of the electro-mechanical type which sense the load on a crane by monitoring any one or combination of the following:

- (1) deflections of part or parts of the crane structure;
- (2) tensions of the crane's rope systems;
- (3) pressures in the crane's hydraulic circuits

and which conform to BS 7262: 1990 " Specification for automatic safe load indicators" which came into effect on 28 February 1990.

4 This approval is in pursuance of the Construction (Lifting Operations) Regulations 1961, reg.30 and the Shipbuilding and Ship-repairing Regulations 1960, reg.47.

5 Under the new scheme, an ASLI which strictly conforms to the BS will not have to be submitted for assessment. Technology Division, which carried out the previous assessments, will monitor the scheme. ASLIs of types which are not within the scope of the BS specification will continue to be assessed individually.

5 Inspectors should find ASLIs approved under this arrangement displaying the following details:

- (1) name of manufacturer and/or supplier;
- (2) date of manufacture;
- (3) type, name and model number;
- (4) serial number;
- (5) BS 7262: 1990; and
- (6) CON (LO) 1990/1 (General).

Action by inspectors

7 Queries regarding ASLIs approved under this arrangement should be directed, in the first instance, to FCGs.

Annotation of instructions

8 Code LCR Construction (LO) Regulations, reg.30 para 1 - note: "see also OC 407/7".

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ASI headings

Automatic indicators: certificate of approval: Construction (LO) Regulations 1961, reg.30: cranes:
Shipbuilding and Ship-repairing Regulations 1960, reg.47.