

# **Factories (Operation of Cranes) Regulations**

## **Table of Contents**

**1 Citation**

**2 Definitions**

**3 Application**

**4 Registration of crane operators**

**5 Register of crane operators**

**6 Qualifications necessary for registration**

**7 Application for registration**

**8 Certificate of registration**

**9 Production of certificate upon request**

**10 Renewal of registration**

**11 Conditions for renewal of registration as crane operator**

**12 Application for duplicate certificate**

**13 Cancellation of registration**

**14 Notice of cancellation of registration**

**15 Surrender of certificate**

**16 Duties of crane operator**

**17 Installation, repair, alteration, testing and dismantling of mobile crane or tower crane**

**18 Appointment and duties of rigger**

**19 Appointment and duties of signalman**

**20 Appointment and duties of lifting supervisor**

**FIRST SCHEDULE Types Of Mobile Cranes**

**SECOND SCHEDULE Types Of Tower Cranes Mounted Tower Cranes**

**Legislative History**

**FACTORIES ACT  
(CHAPTER 104, SECTIONS 68, 77 AND 102)**

**FACTORIES (OPERATION OF CRANES) REGULATIONS**

**Rg 10**

**G.N. No. S 445/1998**

**REVISED EDITION 1999**

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**[1st September 1998;**

**1st March 1999;**

**1st September 2000]**

**Citation**

- 1. These Regulations may be cited as the Factories (Operation of Cranes) Regulations.**

**Definitions**

- 2. In these Regulations, unless the context otherwise requires —  
“certificate” means a certificate of registration issued under regulation 8;**

“crane” means a machine incorporating an elevated structural member or jib beneath which suspended loads may be moved vertically (whether upwards or downwards) or horizontally or both, either by slewing the machine, derricking the jib or by any other means not solely involving a travelling motion of the crane;

“mobile crane” means a crane mounted on a truck, crawler or on wheels and includes any crane of a type shown in the First Schedule;

“tower crane” means a crane which has a vertical or near vertical tower designed to be free standing up to a height specified by the Chief Inspector and includes any crane of a type shown in the Second Schedule.

### **Application**

3. These Regulations shall apply to any factory in which a crane, mobile crane or tower crane is employed.

### **Registration of crane operators**

4.—(1) No person shall operate a mobile crane or tower crane in a factory unless he is registered as a crane operator under these Regulations and is the holder of a valid certificate.

(2) No person shall employ or cause or permit any person who is not registered as a crane operator under these Regulations to operate a mobile crane or tower crane in a factory.

(3) Notwithstanding paragraph (1), a person may —

- (a) drive a mobile crane in a factory if he is the holder of a driving licence issued under the Road Traffic Act (Cap. 276) authorising him to drive a mobile crane of a class or description permitted by the licence, but he shall not operate the mobile crane unless he also satisfies the requirements of paragraph (1); and
- (b) operate a lorry loader comprising of an articulator arm fitted onto a lorry which is used primarily for the purpose of transporting materials or goods.

### **Register of crane operators**

5. For the purposes of these Regulations, the Chief Inspector shall keep and maintain, in such form as he may determine, a register of all crane operators registered under these Regulations.

### **Qualifications necessary for registration**

**6.—**(1) No person shall be registered as a crane operator under these Regulations unless —

- (a) he has successfully completed an appropriate training course conducted by any institution or organisation acceptable to the Chief Inspector;
- (b) he has, in the opinion of the Chief Inspector, sufficient experience in operating a mobile crane or tower crane and has passed a trade test approved by the Chief Inspector; or
- (c) he possesses any other equivalent qualification acceptable to the Chief Inspector.

(2) The Chief Inspector may require an applicant to produce a current medical certificate from a registered medical practitioner which certifies that the applicant is fit to operate a mobile crane or a tower crane.

(3) The Chief Inspector shall not register an applicant who has been certified to be unfit to operate a mobile crane or a tower crane by a registered medical practitioner.

### **Application for registration**

7. An application for registration as a crane operator shall be made in such manner as the Chief Inspector may determine and shall be accompanied by a fee of \$20.

### **Certificate of registration**

8. Where a person has been registered in the register of crane operators, the Chief Inspector shall issue him a certificate of registration which shall be valid for a period of 2 years unless otherwise stated in the certificate.

### **Production of certificate upon request**

9. Any person who operates a mobile crane or a tower crane shall, upon the request of an inspector, produce his certificate for inspection.

### **Renewal of registration**

**10.—**(1) Every person who is registered as a crane operator under these Regulations may apply to the Chief Inspector, in such manner as the Chief Inspector may determine, to renew his registration upon the expiry of his certificate.

(2) The Chief Inspector may, on receipt of the payment of a fee of \$20, renew the registration of the applicant for a period not exceeding 2 years and issue a fresh certificate of registration.

### **Conditions for renewal of registration as crane operator**

**11.—**(1) The Chief Inspector may impose such conditions for the renewal of registration as a crane operator as he thinks fit.

(2) The conditions referred to in paragraph (1) include —

- (a) requiring an applicant to attend a refresher course in crane operation conducted by an institution or organisation acceptable to the Chief Inspector;
- (b) requiring an applicant to pass a trade test approved by the Chief Inspector for crane operation; and
- (c) requiring an applicant to produce a current medical certificate from a registered medical practitioner which certifies that the applicant is fit to operate a mobile crane or a tower crane.

### **Application for duplicate certificate**

**12.—**(1) A registered crane operator may apply for a duplicate certificate to replace a certificate issued under regulation 8 or 10 which has been lost or destroyed.

(2) The Chief Inspector may issue a duplicate certificate on receipt of the payment of a fee of \$10.

### **Cancellation of registration**

**13.—**(1) The Chief Inspector may by order cancel the registration of any registered crane operator if the Chief Inspector is satisfied that the registered crane operator —

- (a) has obtained his registration under these Regulations by means of fraud, false representation or the concealment of any material fact;
- (b) has been certified unfit by a registered medical practitioner to drive or operate a mobile crane or a tower crane; or
- (c) has failed to comply with any of the duties set out in these Regulations.

(2) A registered crane operator shall, upon becoming aware of any medical condition which may render him unfit to operate a mobile crane or a tower crane, inform the Chief Inspector of such medical condition without undue delay.

### **Notice of cancellation of registration**

**14.—**(1) When the Chief Inspector has cancelled the registration of a registered crane operator under regulation 13, the Chief Inspector shall forthwith inform the registered crane operator concerned by notice in writing of such cancellation.

(2) An order of cancellation shall take effect on the date of the service of the order on