



## FEDERAL SUBSIDIARY LEGISLATION

**FACTORIES AND MACHINERY ACT 1967 [ACT 139]  
P.U. (A) 111/1983  
FACTORIES AND MACHINERY (CERTIFICATES OF COMPETENCY--EXAMINATIONS)  
REGULATIONS, 1970 (REVISED - 1983)  
*Incorporating latest Amendment – P.U. (A) 292/1974***

Publication: 31st March 1983  
Date of coming into operation: 1st February 1970 [P.U (A) 34/70.]  
Revised up to 28th February 1983  
(w.e.f. 21st April 1983)

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FIRST SCHEDULE

SECOND SCHEDULE

LIST OF AMENDMENTS

## **1. Citation.**

These regulations may be cited as the **Factories and Machinery (Certificates of Competency Examination) Regulations, 1970.**

## **2. Interpretation.**

In these regulations unless the context otherwise requires-

"Chief Inspector", "Deputy Chief Inspector", "Senior Inspector" and "Inspector" mean the officers appointed under section 4 (1) of the Act;

"equivalent certificate of competency" means a certificate of competency which is considered by the Panel as equivalent to a corresponding certificate of competency issued under these regulations;

"examination" means an examination held by the Panel relating to the grant of a certificate of competency under these Regulations;

"operational charge" means personal and direct supervision of machinery on shift or day work involving duties concerned with the normal operation and maintenance of such machinery;

"Panel" means the Panel of Examiners appointed under section 30 of the Act;

"qualifying workshop service" means the workshop service as prescribed in regulation 11.

## **3. Members of Panel of Examiners.**

The Panel of Examiners shall consist of-

- (a) the Deputy Chief Inspector as Chairman;
- (b) a Senior Inspector as Deputy Chairman; and
- (c) a minimum of two Inspectors as members:

Provided that where the examination relates to the grant of certificates of competency for dredge masters appearing for an examination for Part C relating to mining legislation there shall be included in the Panel as member thereof an Inspector of Mines appointed under the written law relating to mining.

## **4. Appeal Board.**

(1) Pursuant to section 30 (5) of the Act, the Appeal Board shall consist of-

- (a) The Chief Inspector as Chairman of the Appeal Board;
- (b) A senior engineer in a Government Department who shall not be any of the officers appointed under section 4 of the Act; and
- (c) A senior officer of a technical institution, college or university.

(2) All questions in the appeal shall be determined by a majority of the persons comprising the Appeal Board, and the decision of the Appeal Board shall be final.

## **5. Examinations.**

(1) The Panel shall hold the following examinations:

- (a) First Grade Engineer (Steam);
- (b) First Grade Engineer (Internal Combustion Engines);
- (c) Second Grade engineer (Steam);
- (d) Second Grade Engineer (Internal Combustion Engines);
- (e) Dredgemaster (Steam and Electric);
- (f) Dredgemaster ( Internal Combustion Engines and Electric);
- (g) Dredgemaster (Electric);
- (h) First Class Engine Driver (Steam);
- (i) First Class Engine Driver (Internal Combustion Engines);
- (j) Second Class Engine Driver (Steam);
- (k) Second Class Engine Driver (Internal Combustion Engines).

(2) Certificates of competency awarded to successful candidates of the aforementioned examinations shall be in the respective forms set out in the First Schedule to these regulations. Such certificates of competency shall remain valid until suspended or cancelled under the provisions of the Act or these Regulations.

(3) Every holder of a certificate of competency shall surrender such certificate to the Chief Inspector for cancellation upon the issue of a certificate of competency of a higher grade for the same category of machinery.

## **6. Exemptions from examinations.**

(1) The Panel may, in its discretion, exempt from the whole or part of the appropriate examination, any candidate who is a resident in Malaysia and who is the holder of a certificate of competency which, in the opinion of the Panel, is equivalent to the corresponding certificate issued under these Regulations and in such case shall recommend the issue to such candidate, on payment of the prescribed fee, the appropriate certificate of competency.

(2) The panel may, in its discretion, exempt a candidate who is a resident of Malaysia from examination for an engineer's certificate of competency if he-

(a) has passed or is the holder of a degree or diploma in mechanical engineering which exempts him from the technical examinations for Graduate Membership of the Institution of Engineers, Malaysia, in mechanical engineering or of the Institution of Mechanical Engineers, London; and

(b) has completed the prescribed qualifying workshop service; and

(c) has had operational charge of, or has served as an assistant to an engineer in operational charge of, steam boilers, or internal combustion engines, as appropriate, of substantial size for not less than twelve months in the case of exemption from examination for a second grade certificate of competency and twenty four months in the case of a first grade certificate of competency.

(3) The Chief Inspector shall, on payment of the prescribed fee, grant the appropriate certificate of competency to a candidate exempted from the examination under the paragraph (2).

## **7. Conducting of examinations.**

Examinations shall be conducted in accordance with the directions given by the Chief Inspector from time to time.

## **8. Failure in examinations.**

Where any candidate fails to pass an examination the Panel may, in its discretion, refuse permission for such candidate to present himself for further examination until the expiry of such period, not exceeding six months, as the Panel may deem appropriate.

## **9. Applications.**

(1) A person applying for examination, or for exemption from the whole or part of an examination, shall complete Form A or B (as appropriate) set out in the Second Schedule and lodge it at the office of a member of the Panel at least twenty-eight days before the date of the examination at which he wishes to appear:

Provided that in the case of exemption from the whole of an examination such application may be made at any time.

(2) Applications for examination, or for exemption from examination, shall be accompanied by the original documentary evidence as indicated on the appropriate form.

(3) An applicant shall not be eligible for examination unless he has produced evidence acceptable to the Panel than he possesses the qualifications prescribed therefor.

(4) An applicant for examination, or exemption from examination, shall produce if required by the Panel, a medical report of physical fitness to take charge of machinery.

(5) An applicant shall not be permitted to sit for an examination unless the prescribed fee is paid at least fourteen days before the date of the examination.

## **10. Qualifications for examinations of engineers.**

(1) An applicant for examination as a second grade engineer (steam) shall not be less than twenty-one years of age at the date of examination; and shall-

(a) have completed the qualifying workshop service prescribed after attaining the age of sixteen years; and

(b) have served for a period of not less than twelve months as an assistant to an engineer in operational charge of steam boilers of substantial size subsequent to completing his qualifying workshop service.

(2) An applicant for examination as a first grade engineer (steam) shall have been in operational charge of, or have served as an assistant to an engineer in operational charge of, steam boilers of substantial size for a period of not less than twelve months, while holding a second grade engineer's certificate of competency (steam) or an equivalent certificate of competency.

(3) An applicant for examination as a second grade engineer (internal combustion engines) shall not be less than twenty-one years of age at the date of examination; and shall-

(a) have completed the qualifying workshop service prescribed after attaining the age of sixteen years; and

(b) have served for a period of not less than twelve months as an assistant to an engineer in operational charge of internal combustion engines of substantial size subsequent to completing his qualifying workshop service.

(4) An applicant for examination as a first grade engineer (internal combustion engines) shall have been in operational charge of, or have served as an assistant to an engineer in operational charge of, internal combustion engines of substantial size for a period of not less than twelve months while holding a second grade engineer's certificate of competency (internal combustion engine) or an equivalent certificate of competency.

## **11. Qualifying workshop service.**

For the purposes of these Regulations qualifying workshop service means satisfactory service of not less than four years as an apprentice or trainee on work appropriate for the training of a mechanical engineer. Not less than two of the four years shall have been devoted to the erection, fitting or repair of mechanical plant of substantial size; the balance of the four years may have been spent on the erection, fitting or repair of mechanical plant of substantial size, or, subject to the rates hereinafter specified,

(i) on engineering work of an allied nature; or

(ii) in full-time attendance at a day technical college, or equivalent technical institution.

## **12. Engineering work of an allied nature.**

Engineering work of an allied nature shall count towards qualifying workshop service at the following rates:

(i) metal turning--at full rate for a maximum period of twelve months;

(ii) boiler making, pattern making, brass finishing and other allied trades--at full rate for a maximum period of six months in any one trade;

(iii) design and drawing in a drawing office forming part of an engineering works--at full rate for a maximum period of twelve months and thereafter at half rate.

### **13. Attendance at a technical college or equivalent technical institution.**

Full-time attendance at a day technical college or equivalent technical institution leading to the satisfactory completion of a recognised course in mechanical, electrical or mining engineering shall count towards an applicant's qualifying workshop service in the ratio of three years of such attendance to two years qualifying workshop service with a maximum allowance of two years for a mechanical engineering or mining engineering course and eighteen months for an electrical course:

Provided that where an applicant during any vacation of the college or institution was engaged in work appropriate for the training of a mechanical engineer as specified in regulation 11 such period when the applicant was so engaged shall count in full towards the applicant's qualifying workshop service.

### **14. Other service.**

Where an applicant for examination as an engineer is unable to produce satisfactory evidence that he has completed the qualifying workshop service prescribed, the Panel may accept such other service as it may consider appropriate to count as qualifying workshop service at such rate as the Panel may deem fitting:

Provided that in no case shall the rate be greater than two-thirds full rate except where an applicant holds a degree or diploma in mechanical engineering acceptable to the Panel then any period of such appropriate service may count at full rate.

### **15. Apportionment of steam and internal combustion engine service.**

Where an applicant has served simultaneously on steam boilers and internal combustion engines the Panel may, for the purposes of these Regulations, apportion such service as between the steam and internal combustion engine service as may be deemed reasonable in the circumstances.

### **16. Approved training in thermal power stations.**

Notwithstanding the provisions of these Regulations the Panel may, in its discretion, accept for examination as a second grade engineer (steam) any applicant who has completed an approved scheme of training for shift engineers in thermal power stations.

### **17. Restricted certificate of competency.**

(1) Where an applicant has been accepted for examination under regulation 16 the certificate of competency granted pursuant thereto shall be restricted to the charge of machinery installed in thermal power stations.

(2) On the completion of twelve months service in thermal power stations subsequent to the issue of a restricted second grade engineer's certificate of competency, the holder of such a certificate may be accepted for examination as a first grade engineer and any first grade certificate granted in pursuance thereto shall similarly be restricted to the charge of machinery installed in thermal power stations.

(3) The Panel may prescribe the qualifications the holder of a restricted second grade engineer's certificate or a restricted first grade engineer's certificate shall obtain before he is permitted to sit for an examination for removal of the restriction.

## **18. Qualifications for examination of dredgemaster.**

An applicant for examination as a dredgemaster for steam and electric, internal combustion engine and electric, or electric dredge shall not be less than twenty-three years of age, and shall have served as an assistant in charge of a shift on a steam or an internal combustion engine or an electric dredge respectively, for a period of not less than three years;

Provided that:

(a) in the case of an applicant who has served as an apprentice or trainee on work appropriate to the training of a mechanical engineer acceptable to the Panel, such service shall count as exemption from service as an assistant-in-charge of a shift on an appropriate dredge at the rate of not more than two-thirds of his total period of service as an apprentice or trainee and the maximum exemption permissible under this regulation shall not exceed two years;

(b) in the case of an applicant who is the holder of a diploma in mechanical, electrical or mining engineering acceptable to the Panel, the period of his service as an assistant-in-charge of a shift shall not be less than one year.

## **19. Qualifications for examination of engine drivers.**

(1) An applicant for examination as a second grade engine driver (steam) shall not be less than twenty-one years of age at the date of examination; and shall-

(a) have served for a period of not less than two years as a steam engine or steam boiler attendant; or

(b) have served for a period of not less than three years as an apprentice or journeyman fitter in such a steam plant or an engineering workshop as approved by the Panel; or

(c) have satisfactorily completed a full-time course in a mechanical engineering trade at a school approved by the Panel and have had subsequent service of not less than twelve months as a steam boiler attendant.

(2) An applicant for examination as a first grade driver (steam) shall have been an assistant to an engineer, dredgemaster or driver in operational charge of a steam boiler of not less than five hundred square feet heating surface for a period of not less than eighteen months while holding a certificate of competency as a second grade driver (steam) or an equivalent certificate of competency.

(3) An applicant for examination as a second grade driver (internal combustion engine) shall not be less than nineteen years of age at the date of the examination; and shall-

(a) have served for a period of not less than two years as an attendant on an internal combustion engine of not less than forty horse power; or

(b) have served for a period of not less than three years as an apprentice or journeyman fitter on internal combustion engines in an engineering workshop approved by the Panel; or

(c) have satisfactorily completed a full-time course in a mechanical engineering trade at a school approved by the Panel and have had subsequent service of not less than twelve months as an attendant on an internal combustion engine of not less than forty horse power.

(4) An applicant for examination as a first grade driver (internal combustion engine) shall have been an assistant to an engineer, dredgemaster or driver in operational charge of an internal combustion engine of not less than one hundred horse power for a period of not less than eighteen months while

holding a certificate of competency as a second grade driver (internal combustion engine) or an equivalent certificate of competency.

## **20. Examination syllabus.**

(1) (a) Examination for engineers shall consist of:

Part A practical mathematics paper; and

Part B an engineering knowledge paper; and

Part C and oral examination.

(b) Examinations for dredgemasters shall consist of:

Part A practical mathematics paper; and

Part B an engineering knowledge paper; and

Part C a paper on mining legislation.

(c) Every candidate for a driver's certificate of competency shall be examined orally and will be required to give a practical demonstration of his knowledge.

(2) The Panel may permit any candidate to take Part A before proceeding to Part B and Part C.

(3) The Panel may permit any candidate to take Part A of the examination during his period of qualifying service as an assistant to an engineer or while as an assistant in charge of a shift on a dredge.

(4) Where any candidate takes Part A and Part B and Part C, and satisfied the Panel in Part A only, the Panel may, in its discretion exempt such candidate from Part A in any subsequent examination.

### **Exemption from Part A.**

(5) The Panel may, in its discretion, exempt from Part A a candidate who is otherwise qualified under these Regulations and is the holder of a recognised degree, diploma or certificate the syllabus for which includes the subject on Part A.

(6) (a) The Panel may, in its discretion, permit a candidate for an engineer's certificate of competency to proceed direct to the first grade examination where such candidate, though qualified to take the second grade examination or an examination for an equivalent certificate of competency has not done so for some good and sufficient reason:

Provided that such candidate shall have been in operational charge of, or served as an assistant to an engineer in operational charge of steam boilers or internal combustion engines, as appropriate, of substantial size for a period of not less than twenty-four months.

(b) Where a candidate has been permitted to proceed to the first grade engineer's examination under the provisions of this regulation and fails to pass such examination, the Panel may, in its discretion, revoke its acceptance of such candidate for the first grade examination until such time as he has succeeded in passing the second grade examination.

## **21. Grant of certificate of competency.**

Where a candidate is in the opinion of the Panel successful in an examination he shall be granted the appropriate certificate of competency.

## **22. Endorsement of certificate of competency.**

(1) It shall be lawful for any certificate of competency issued under these Regulations to be endorsed to the effect that the holder thereof has satisfied the Panel, by examination or otherwise, that he is qualified to take charge of additional categories of machinery. Such endorsement shall be made on payment of the prescribed fee.

(2) Every application for examination for endorsement of an engineer's or driver's certificate of competency shall be accompanied by satisfactory evidence that the holder thereof has served on steam boilers or internal combustion engines, as the case may be, for a period which shall not be less than nine months for a second grade endorsement and eighteen months for a first grade endorsement.

(3) Every application for examination for endorsement of a dredgemaster's (electric) certificate of competency obtained under the regulation 18 to take charge of any steam or internal combustion engine dredge shall be accompanied by satisfactory evidence that the holder thereof has served as an assistant in charge of a shift on a steam or internal combustion engine dredge, as appropriate, for a period of not less than twelve months.

(4) The examination for endorsement of an engineer's certificate of competency shall consist only of Parts B and C of the examination specified in regulation 20 (1) (a) and for endorsement of a dredgemaster's certificate of competency shall consist only of Part B of the examination specified in paragraph (1) (b) of the same regulation.

(5) Notwithstanding the provisions of these Regulations the holder of an engineer's certificate of competency may, on production of satisfactory evidence that he has served as assistant in charge of a shift on a dredge for a period of not less than six months after having obtained his engineer's certificate of competency, and, on payment of the prescribed fee, be permitted to take Part C of the examination for dredgemaster and on passing the examination his certificate of competency is to be endorsed to the effect that he is qualified to take charge of-

(a) a steam or electric dredge where the certificate of competency of the holder is for steam;

(b) an internal combustion engine and electric dredge or electric dredge where the certificate of competency of the holder is for internal combustion engines.

(6) Where any candidate for examination as an engineer or driver desires and is qualified to take the examinations for both steam and internal combustion engines, he shall be required to elect first to be examined in one subject; if he passes the examination in that subject he may thereupon proceed to the examination for the second subject and such second examination shall be considered, for fee purposes, as if it is for endorsement of an existing certificate. If he fails to pass in the first examination, the candidate shall not be permitted to proceed to the second examination except on payment of the prescribed examination fee.

(7) Where an engineer's certificate of competency has been issued without examination under regulation 6, such certificate may likewise be endorsed without examination where the Panel is satisfied that the holder has complied with the provisions of paragraph (2) (c) of that regulation in respect of the machinery for which the endorsement is required and on payment of the prescribed fee.

### **23. Duplicate certificate of competency.**

A duplicate certificate of competency shall be issued by the Chief Inspector on payment of the prescribed fee, to any person producing satisfactory evidence of his identity, of his previous ownership of a certificate of competency which has not been cancelled, revoked or in any way varied except as stated in the application made in accordance with this regulation, and of the loss or destruction of such certificate. A statutory declaration, setting out the circumstances of the loss or destruction of the certificate of competency shall accompany every application for a duplicate certificate.

### **24. Holder suffering from infirmity.**

(1) Where, in the opinion of the Chief Inspector the holder of any certificate of competency appears to be suffering from an infirmity which could cause him to be incapable of carrying out satisfactorily the duties of an engineer, a dredgemaster or a driver, as the case may be, such person shall be required to produce a medical certificate to the effect that he is fit to carry out such duties.

(2) Where the medical certificate shows that the holder of a certificate of competency is unfit to carry out his duties, or where a medical certificate is not produced within such period as the Chief Inspector considers to be reasonable in the circumstances, the certificate of competency may be declared by the Chief Inspector to be cancelled.

(3) Such cancelled certificate shall be surrendered to the Chief Inspector.

### **25. Defaced certificate of competency.**

(1) Where, in the opinion of the Inspector, any photograph mounted on a certificate of competency no longer bears a true likeness to the holder thereof, or has been defaced to such an extent that identification of the holder is difficult, such holder shall supply two copies of a recent photograph for rectification of the certificate.

(2) Where in the opinion of the Inspector, a certificate of competency has been defaced such certificate shall be surrendered to the Chief Inspector in exchange for a duplicate copy on the payment of the prescribed fee.

### **26. Suspension of certificates of competency pending reference to court of enquiry.**

Where a reference is made to a Court under the provisions of the Act, or where any enquiry is held under the circumstances described in section 33 (2) of the Act a Senior Inspector may suspend the certificate of competency of an engineer, dredgemaster or driver, and such engineer, dredgemaster or driver shall deliver up the certificate of competency to the Senior Inspector; and shall not, during the period of the suspension take charge or be in control of any machinery, which is required to be under the charge of a person holding a certificate of competency of the same grade and category.

### **27. Suspension of drivers certificates of competency in case of misconduct.**

(1) Where it is considered expedient so to do after an enquiry held in accordance with section 33 (2) of the Act, or on consideration of the judgment of any court, a Senior Inspector may suspend for a period not exceeding six months the certificate of competency of any driver shown to be guilty of serious misconduct; and the fact of such suspension together with the date and nature of the misconduct shall be endorsed on such certificate.

(2) For the purposes of paragraph (1) of this regulation "serious misconduct" means:

- (a) sleeping while on duty; or
- (b) being in a state of intoxication while on duty; or
- (c) leaving machinery unattended while on duty; thus endangering its safety; or
- (d) failure to report without undue delay to the occupier, engineer or dredgemaster any defect in machinery which is likely to cause danger to life or property while such machinery is under his direct control; or
- (e) causing damage to machinery or injury to any person by careless operation of machinery or by neglect of routine instructions, or by neglect to use the safety appliances provided.

## **28. Cancellation of suspension of certificate of competency.**

(1) Where it is considered expedient so to do after enquiry held in accordance with the provisions of section 33 (2) of the Act or on consideration of a judgment of any Court :

- (a) the Minister may cancel any certificate of competency issued under the provisions of the Act or these Regulations; and
- (b) the Chief Inspector may-
  - (i) suspend any certificate of competency issued under the provisions of the Act or these Regulations for such period as he may think fit; or
  - (ii) suspend any certificate of competency in the manner described in sub-paragraph (i) above and direct that a certificate of competency of a lower grade be issued free of charge to the holder thereof for the period of suspension.

(2) Where a certificate of competency is cancelled or suspended in accordance with paragraph (1) of this regulation, the holder thereof shall deliver up such certificate of competency to the Chief Inspector and shall not during the period of such suspension take charge or be in control of any machinery which is required to be under the charge of a person holding a certificate of competency of the same grade and category.

## **29. False representation.**

(1) Any person who-

- (i) makes use of a suspended or cancelled certificate of competency or makes use of a certificate of competency to which he is not entitled; or
- (ii) allows his certificate of competency to be used by any other person; or
- (iii) makes, or assists in making, or procures to be made any false representation for the purpose of procuring either for himself or any other person a certificate of competency;

shall be guilty of an offence.

(2) Where the Chief Inspector is satisfied that any certificate of competency has been obtained by false representation, such certificate shall be cancelled by the Chief Inspector and the holder thereof shall surrender the same to the Chief Inspector.

(3) Where any holder of a certificate of competency falsely represents that he is in charge of, or an assistant to a person in charge of, any machinery which he is not authorized by his certificate or competency to be so in charge or to be such an assistant, he shall be guilty of an offence.

### 30. Lost certificate of competency.

Any person, other than the rightful owner, who comes into possession of a certificate of competency shall immediately forward such certificate to the Chief Inspector.

### 31. Fees.

(1) Fees shall be charged in accordance with the following scale-

(a) Examination fees:

(i) For a first or second grade engineer's certificate of competency	\$50.00
(ii) For Part A of a set of a first or second grade engineer's certificate of competency	25.00
(iii) for Part B and Part C of a first or second grade engineer's certificate of competency ...	25.00
(iv) For a dredgemaster's certificate of competency	30.00
(v) For Part A or part B or Part C of a dredgemaster's certificate of competency	10.00 each part
(vi) For a first grade driver's certificate of competency	\$15.00
(vii) For a second grade driver's certificate of competency	10.00

(b) Endorsement fees:

5.00

For an endorsement of a certificate of competency under regulation 22 (inclusive of examination fees) ...

(c) For the issue of a certificate of competency under regulation 6 ... ..

The appropriate examination fees

(d) Where a candidate is exempted from Part A of an examination under regulation 20 (5) and proceeds to sit for Part B and part C of such examination ... ..

The examination fees as prescribed in sub-paragraph (a) (i) or (a) (iv) of this paragraph as the case may be

(e) Issue of duplicate certificates:

(i) Upon surrender of a defaced certificate ...	\$3.00
(ii) Where the original certificate is lost or destroyed .	5.00

(2) Where a candidate fails in any examination no part of the fee shall be returned to him.

(3) Where a candidate without reasonable cause fails to attend at the time arranged for the examination he may be required by the Panel to forfeit the fee paid. Non-attendance on account of sickness shall be deemed to be a reasonable cause, provided a certificate to that effect, signed by a registered medical practitioner, is produced.

(4) All fees shall be credited to the revenue of the Government of Malaysia.

### **32. Penalty.**

Any person who commits an offence against these Regulations for which no corresponding penalty is provided by the Act, shall on conviction, be liable to a fine not exceeding one thousand ringgit.

**FIRST SCHEDULE**

FORM A

*FACTORIES AND MACHINERY ACT, 1967*

FACTORIES AND MACHINERY (CERTIFICATES OF COMPETENCY-EXAMINATIONS)  
REGULATIONS, 1970

CERTIFICATE OF COMPETENCY

Regulation 5 (2)

CERT. No.....

This is to certify that ..... has been found by the Panel of Examiners, appointed under the FACTORIES AND MACHINERY ACT, 1967 to be fully qualified to fulfill the duties of ..... and in accordance with the provisions of the Act is hereby granted this Certificate.

(a) after examination

\* This Certificate is granted

(b) under regulation 6 (3).

For the Panel of Examiners

.....  
*Chairman*

.....  
*Chief Inspector of Factories and Machinery,  
Malaysia*

Issued at Kuala Lumpur on the ..... day of ..... 19.....

---

\*Delete where not applicable

FURTHER  
QUALIFICATIONS

SERIAL No .....	SERIAL No .....
Signature of holder .....	Signature of holder .....
N.R.I.C No. ....	N.R.I.C No : .....
Address .....	Address .....
Date of Birth .....	Date of Birth .....
Place of Birth .....	Place of Birth .....
Cert. No. ....	
Grade .....	
For .....	
Fee .....	
Receipt No. ....	
Issued at Kuala Lumpur on .....	

Any person other than the owner thereof becoming possessed of this Certificate is required to transmit it forthwith to the Chief Inspector of Factories and Machinery, Ministry of Labour, Kuala Lumpur.

.....  
*Chairman,  
Panel of Examiners*

FORM B

FACTORIES AND MACHINERY ACT 1967

FACTORIES AND MACHINERY (CERTIFICATES OF COMPETENCY-EXAMINATIONS)  
REGULATIONS 1970

CERTIFICATE OF COMPETENCY

Regulation 5 (2)

Fee .....

Receipt No. ....

..... GRADE ENGINE DRIVER

CERTIFICATE No.....FOR .....

This is to certify that .....has been found by the Panel of Examiners, appointed under the FACTORIES AND MACHINERY ACT, 1967, to be fully qualified to fulfil the duties of ..... GRADE ENGINE DRIVER and in accordance with the provisions of the Act is hereby granted this Certificate.

.....  
*Chairman,  
Panel of Examiners*

(a) after examination

\* This Certificate is granted

(b) under Regulation 6 (3).

For the Panel of Examiners

.....  
*Chairman*

.....  
*Chief Inspector of Factories and Machinery,  
Malaysia*

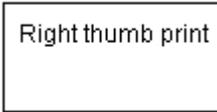
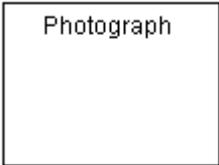
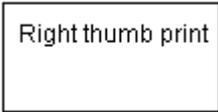
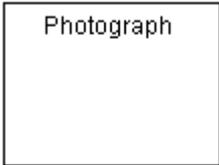
Issued at .....on the .....day of .....19 .....

.....  
\*Delete where not applicable

FURTHER  
QUALIFICATIONS

SERIAL No ..... SERIAL No .....  
Signature of holder ..... Signature of holder .....  
N.R.I.C No. .... N.R.I.C No : .....  
Address ..... Address .....  
Date of Birth ..... Date of Birth .....  
Place of Birth ..... Place of Birth .....  
Cert. No. ....  
Grade .....  
For .....  
Fee .....  
Receipt No. ....  
Issued at Kuala Lumpur on .....

Any person other than the owner thereof becoming possessed of this Certificate is required to transmit it forthwith to the Chief Inspector of Factories and Machinery, Ministry of Labour, Kuala Lumpur.



**SECOND SCHEDULE**

FORM A

*FACTORIES AND MACHINERY ACT, 1967*

FACTORIES AND MACHINERY (CERTIFICATES OF COMPETENCY--  
EXAMINATIONS) REGULATIONS, 1970

Regulation 9 (1)

APPLICATION FOR CERTIFICATE OF COMPETENCY AS ENGINEERS/  
DREDGEMASTERS

I (name in full) ..... (*Capital Letters*) N.R.I.C No.....  
of (present address) ..... born at (place of birth) .....  
on (date of birth) ..... hereby apply for examination / exemption from  
examination for:

\*Second grade engineer's certificate (steam boilers/ internal combustion engines)  
Part A - Part B.

\* First grade engineer's certificate (steam boilers/ internal combustion engines)  
Part A - Part B.

\* Dredgemaster's certificate (steam boilers/ internal combustion engines)  
Part A -Part B - Part C.

\* Dredgemaster's certificate (electric only) Part A - Part B - Part C.

Name and address of Firms at which apprenticeship was served, and description of manufactures.	Apprenticed as	Dates		Period
		From	To	Months
		Total Period		
Names and addresses of Firms with which you were in charge of steam boiler/ internal combustion engines/ dredges.				
		Total Period		
Details of academic training and qualifications, and certificates of competency held.				

I am at present employed by ..... as ..... I enclose original testimonials and copies thereof as evidence of the above statements.

Date .....

(Signed) .....

I certify that I have seen the original documents and that the duplicates are true copies thereof.

.....  
*Member, Panel of Examiners*

\* Strike out the words not applicable

Note: Do not forward fees until requested

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FORM B

*FACTORIES AND MACHINERY ACT, 1967*

FACTORIES AND MACHINERY (CERTIFICATES OF COMPETENCY--  
EXAMINATIONS) REGULATIONS, 1970

Regulation 9 (1)

APPLICATION FOR CERTIFICATE OF COMPETENCY AS  
ENGINE DRIVER

I (name in full)..... N.R.I.C. No. .... of (Present address) ..... born at (place of birth) ..... on (date of birth) ..... at present employed as ..... hereby apply for \*examination / exemption from examination for ..... grade engine driver's certificate of competency for ..... I attach reference(s) proving a period of ..... months service as ..... employed on \*Internal Combustion Engines of ..... H.P. / Steam Boilers of ..... square feet heating surface / certificate of competency No. .... grade ..... for ..... issued by ..... on ..... I also enclose two (2) copies of a recent photograph (Passport size).

Date .....

.....  
*Signature of Applicant*

\* Strike out the words not applicable

Note: Do not forward fees until requested.

## LIST OF AMENDMENTS

*Particulars under section 7(ii) and (iii) of the Revision of Laws Act 1968 (Act 1)*

<b><i>Amending Law</i></b>	<b><i>Short title</i></b>	<b><i>In force from</i></b>
PU(A) 292/1974	Factories and Machinery (Certificates of Competency - Examinations) (Amendment) Regulations 1974	16-8-1974
Act 160	Malaysian Currency (Ringgit) Act 1978	29-8-1975

## LIST OF LAWS OR PARTS THEREOF SUPERSEDED

<b><i>No.</i></b>	<b><i>Title</i></b>
P.U.(A) 34 of 1970	Factories and Machinery (Certificates of Competency - Examinations) Regulations 1970