

## SECTION 68-MINING REGULATIONS

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**MINING REGULATIONS**

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*Regulations 23 September 1966, 31 January 1967,  
Legal Notices Nos. 64 of 1968, 135 of 1968, 204 of 1968, 112 of 1970,  
147 of 1972, 215 of 1974, 95 of 1978, 120 of 1978, 60 of 1979*

**PART 1 - PRELIMINARY**

*Short title*

1. These Regulations may be cited as the Mining Regulations.

*Interpretation*

2. In these Regulations, unless the context otherwise requires-

"beacon" means a post with a notice-board affixed thereto erected for the purpose of marking out an area of land for a mining tenement and includes the datum post, corner posts and boundary posts;

"company" means a company registered in accordance with the provisions of the Companies Act;

(*Cap. 247.*)

"holder" includes a company, and every person working or occupying the land the subject of a mining tenement either as manager, agent, transferee, sublessee, permittee or otherwise howsoever; and, when a mining tenement is held by a company includes the manager of such company or any person acting as the manager or secretary thereof;

"lode" includes all true fissure veins, bedded veins, contact veins, segregated veins, pipes, contact deposits, stockworks, impregnations, metalliferous conglomerates other than hardened alluvial deposits of modern origin, metalliferous and lateritic cappings, such irregular deposits as conform generically to the above classification and beds of any mineral such as beds of ironstone and coal seams;

"mark-out" means to delimit an area by beacons and trenches in accordance with the provisions of these Regulations;

"non-precious minerals" includes coal, earthy minerals, radio-active minerals and metalliferous minerals;

"opencast" means any uncovered excavation which has been made from the surface for the purpose of winning minerals;

"peg" means to mark out;

"plan" includes an original plan and a true copy or tracing thereof;

"precious minerals" includes precious metals and precious stones;

"satisfactory" means that which is, in the opinion of an inspector, satisfactory;

"tribute agreement" means an agreement between the holder of a mining tenement and any other person whereby such other person is required or permitted to carry out any mining operations on such tenement or on any part thereof in consideration of, instead of wages, a portion or percentage of all minerals won by him or of the value of such minerals;

"tributer" means a person working under a tribute agreement;

"workings" includes all excavated portions of a mine;

"works" means all plant, machinery, installations, buildings, dams and reservoirs used in connection with the operations of a mine.

3. Any reference by number to a form in these Regulations shall be read as a reference to a form of that number in the First Schedule.

## **PART II-FEES, RENTS AND ROYALTIES**

### *Fees*

4. Fees and rents shall be payable to the Director in respect of the several matters set out in regulation 5 and the Second Schedule according to the scales therein prescribed and the amount thereof may, without prejudice to any other remedies, whether civil or criminal, be



recovered by the Director by deduction from any sum whatsoever deposited by the person owing such fee or rent.

### *Annual fees and rents*

**5.-(1)** In addition to any fees prescribed in the Second Schedule:

(a) the following annual fees shall be payable by the holder of a prospecting licence in respect of each such licence held by him:

(i) for the first 200 hectares or part thereof - \$5 for each 40 hectares or part thereof;

(ii) for each additional 40 hectares or part thereof in excess of 200 hectares - \$4:

Provided that in the case of a prospecting licence grant extended for a period not exceeding 6 months, half only of the above-mentioned annual fees shall be payable;

(b) the following annual rents shall be payable:

(i) by the holder of a permit to mine or mining lease, in respect of each such permit or lease held by him - \$15 per hectare or part thereof:

Provided that the minimum annual rent payable in respect of each such permit or lease shall be \$50;

(ii) by the holder of a special site right or road access licence, in respect of each such right or licence held by him - \$60.

*(Substituted by Legal Notice 60 of 1979.)*

(2) The annual fees or rents payable by the holder of a special prospecting licence or special mining lease, as the case may be, in respect of each such licence or lease held by him, shall, unless otherwise specified in such licence or lease, be as specified in paragraph (1) for a prospecting licence or mining lease respectively.

(3) All rents payable under the provisions of this regulation shall be paid half-yearly in advance, without demand, on 30 June and 31 December in each year:

Provided that-

(a) on the commencement of a mining tenement, all such rents payable in respect of the then current half-yearly rental period shall be paid by the holder on notification of the grant of such tenement; and

(b) in any case where a mining tenement commences or expires during a half-yearly rental period, the Director may waive or remit, on a *pro rata* basis, any portion of the rent payable in respect of the then current half-yearly rental period.

### *Royalties*

**6.-(1)** All royalties payable under the provisions of section 54 of the Act shall be paid to the Director, and, subject to the provisions of regulation 7, shall unless otherwise determined by the Director with the approval of the Minister, be calculated at the following rates:-

(a) in the case of bauxite or iron ore, at the rate of 3 per cent of their value; and

(b) in the case of any other minerals, at the rate of 5 per cent of their value.

*(Amended by Legal Notice 204 of 1968; 112 of 1970.)*

(2) In the case of minerals intended for export, all royalties payable thereon under the provisions of this regulation shall be paid by the person exporting such minerals, and shall become payable at the time of delivery of such minerals on board a ship or aircraft for export, and, for the purpose of calculating the amount of royalty payable thereon, the value of such minerals shall be the price which, in the opinion of the Director having regard to prevailing world market prices, a purchaser would pay for them at the time of their delivery on board a ship or aircraft for export.

(3) In the case of minerals intended for use within Fiji, all royalties payable thereon under the provisions of this regulation shall be paid by the holder of the mining tenement from which such minerals are extracted and shall become payable at the time of their removal from such mining tenement, and, for the purpose of calculating the amount of royalty payable thereon, the value of such minerals shall be the price which, in the opinion of the Director having regard to prevailing world market prices, a purchaser would pay for them at the time of such removal.

*Director may permit payment of royalties on a yield basis*

7.-(1) Notwithstanding the provisions of regulation 6, in cases where the holder of any mining tenement or tenements keeps books of account to the satisfaction of the Director, the Director may, with the approval of the Minister permit such holder to pay royalties on all minerals extracted from all his tenements, including those subsequently granted, on a yield basis, calculated as follows:-

(a) where the yield expressed as a percentage of the annual sale value does not exceed 20 per cent royalty shall be at the rate of 10 per cent of the yield;

(b) where the yield expressed as a percentage of the annual sale value exceeds 20 per cent, royalty shall be at the rate of 10 per cent of the yield, together with an additional 0.2 per cent of the yield for each 1 per cent by which the yield expressed as such percentage exceeds 20 per cent.

(2) Wherever the holder of mining tenements is permitted to pay royalties on a yield basis under provisions of paragraph (1), he shall submit to the Director a statement of account in respect of all his tenements within three months after the end of each year or within such longer period as the Director may allow.

(3) All royalties assessed under this regulation shall be due and payable within one month of an assessment being made by the Director or such longer period as the Director may allow.

(4) For the purposes of this regulation, unless the context otherwise requires-

"annual expenditure" means the total of the following expenditure -

(a) all expenses incurred by the holder, in relation to the mining tenement from which the minerals in respect of which the royalty is being determined were extracted, in the year for which royalty is being determined, in extracting, treating, refining and selling such minerals

concerned including on loans, but excluding any head office expenses and any expenses other than such selling expenses as may in the discretion of the Director be included, incurred outside Fiji;

(b) all expenses incurred by the holder of such tenement in the year for which royalty is being determined in experimentation, research or investigation (including prospecting) connected with the minerals in respect of which any royalty is being determined, as the Director may in his discretion allow;

(c) such expenditure as may be allowed as a set-off under the provisions of section 23 of the Income Tax Act for the year except to the extent it may have already been allowed under the provisions of sub-paragraphs (a) or (b).

(Cap. 201.)

"annual sale value" means the total of all amounts received, directly or indirectly, from the sale or disposal of minerals, by the holder of the mining tenement from which the minerals in respect of which the royalty is being determined were extracted, in the year for which royalty is being determined;

"year" means the calendar year:

Provided that for any company whose fiscal year is not the calendar year, "year" means such fiscal year;

"yield" means the difference between annual expenditure and annual sale value.

(Amended by Legal Notice 64 of 1968; 147 of 1972.)

(5) Where any doubt arises as to whether any expenses fall within paragraph (a) or paragraph (c) of the definition of "annual expenditure" the decision of the Director shall be final.

*No minerals to be exported except under authority of a mineral export licence*

8. No mineral shall be exported from Fiji unless and until the export complied with the provisions of regulation 80 and the Director has issued in relation thereto a mineral export licence duly endorsed with a certificate to the effect that:-

(a) all royalties payable thereon have been paid; or

(b) all royalties payable thereon have been secured to the satisfaction of the Director; or

(c) no royalties are payable thereon.

### **PART III - MARKING OUT, APPLICATION, PRIORITY**

#### *Shape of area*

9. Wherever possible the area the subject of any mining tenement shall, the Director in any particular case otherwise directs, be rectangular in shape and have a minimum width of not less than one-third of the length:

Provided that the shape of a special prospecting licence and of a special mining lease shall be such as may be approved by the Minister.

#### *Marking out mining tenement*

**10.**-(1) No person other than the holder of a prospector's right shall erect a beacon for the purpose of marking out an area of land for a mining tenement.

(2) Before application is made for a mining tenement the intending applicant, or his agent, shall mark out the land for which he desires to obtain a mining tenement in the following manner or as near thereto as circumstances will permit, that is to say:-

(a) a beacon shall be erected at every corner of the land, which beacons shall be known as "corner posts" and one of which shall be the datum post which shall be the fixed point from which all calculations and measurements are to be made;

(b) subject to the provisions of paragraph (3), boundary lines shall be marked between the corner posts at convenient intervals, being not more than 400 m apart, by beacons, which shall be known as "boundary posts" and shall as far as possible be erected at intervisible positions;

(c) where the boundary line of the tenement is to follow the foreshore or the bed of a stream or watercourse, the boundary post shall be erected on or near to such foreshore, or the bank of such stream or watercourse, as the case may be, at intervals of not more than 200 m apart, and, in cases where the boundary line is to follow the bed of a stream or watercourse-

(i) such boundary post shall be erected on the same side of the stream or watercourse as the area being marked out; and

(ii) the actual boundary line shall be deemed to follow the middle of the stream or watercourse;

(d) the direction of the boundary line on each side of every corner post and boundary post shall be indicated by a trench having a length of not less than 1.8 m along the boundary line and a depth and breadth of not less than 250 mm:

Provided that if any such trenches cannot conveniently be cut owing to the rocky or other nature of the soil, the direction of the boundary line may be indicated by a line of stones having a length of not less than 1.8 m and a height and breadth of not less than 250 mm, or by tree blazing or such other means as may be approved by the Director.

*(Amended by Legal Notice 95 of 1978.)*

(3) Notwithstanding the provisions of paragraph (2), where some or all of the boundaries of a proposed mining tenement can be readily described by reference to prominent natural features or otherwise, the Director may, at the request in writing of the intending applicant for such tenement, or his agent, vary or dispense with any of the requirements of that paragraph:

Provided that the consent of the Director to such variation or dispensation shall be obtained in writing before the intending applicant makes any application for such tenement.

#### *Beacons*

**11.** Every beacon shall consist of a post to which a notice-board of wood or metal not less than 300 mm square shall be firmly affixed at a height of not less than 0.9 m from the surface of the ground and placed so as to face outwards from the area marked out, and each such post shall be of substantial materials such as hardwood, standing not less than 1.2m from the

surface of the ground, and being not less than 75 mm square or, in the case of a round post, of a diameter of not less than 100 mm:

Provided that a beacon used a boundary post may consist of "X" marks not less than 250 mm high with the arms cut to a depth of not less than 12.5 mm and a width of not less than 25 mm on two opposite sides of a tree, such marks being placed in the direction of the boundary line.

*(Amended by Legal Notice 95 of 1978.)*

*Information to be shown on beacons*

**12.**-(1) Every notice-board on a beacon shall have the following information distinctly and legibly written, printed or painted on it in such a manner that it cannot be rendered illegible by rain or exposure:-

- (a) "**P.L.**" if the area is required for a prospecting licence or special prospecting licence;
- "**P.M.**" if the area is required for a permit to mine;
- "**M.L.**" if the area is required for a mining lease or special mining lease;
- "**S.S.R.**" if the area is required for a special site right;
- "**R.A.L.**" if the area is required for a road access licence;
- (b) the date of erection;
- (c) the name of the person, company or partnership on whose behalf application is being made, abbreviated if necessary;
- (d) the letters "**P.R.**" followed by the number of the prospector's right of the person erecting the beacon;
- (e) such of the following groups of letters as is appropriate:-
  - "**D.P.**" if a dump post;
  - "**B.P.**" if a boundary post;
  - "**C.P.**" if a corner post other than the datum post, followed by a figure indicating the number of the corner.

(2) Within one month of the grant of a mining tenement, the holder shall add to the information appearing on every beacon marking out the area thereof the official number of the tenement after the letters "**P.L.**", "**P.M.**", "**M.L.**", "**S.S.R.**" or "**R.A.L.**", as the case may be.

(3) Upon the transfer of any mining tenement the transferee shall, as soon as possible after he has been notified of the registration of the transfer, substitute his own name for that of the transferor on every notice-board on all beacons marking out the area of such tenement.

*Beacons and trenches to be maintained*

**13.** All beacons and all notices thereon, and all trenches marking boundaries of any mining tenement or proposed mining tenement, shall be maintained in good condition and repair by the holder of or the applicant for the mining tenement or proposed mining tenement, as the case may be, to which they refer, and such holder or applicant shall at all times keep every beacon clear of high grass and brushwood for a distance of not less than 4.5 m on all sides of

such beacon and shall, if so required by the Director or an inspector, clear all vegetation away from the boundary lines for a width of not less than 600 mm on each side actual boundary line.

*(Amended by Legal Notice 95 of 1978.)*

*Defects in marking out*

**14.**-(1) If it appears to the Director that the area marked out differs materially in position, shape or area from the area over which a mining tenement is applied for or is held, the Director may at the cost of the applicant or holder, as the case may be, make such adjustments of the beacons or boundaries as he may think fit in order to ensure that the area marked out coincides with the area applied for, and may charge the applicant or holder the cost of so doing, and such adjusted boundaries shall be deemed to be the boundaries of the area applied for or held.

(2) If the area applied for cannot be identified on the ground by means of the plan and the beacons or if the area of the land marked out differs from the area applied for by more than 20 per cent, the Director may refuse the application.

*Trivial defects in beaconing or application do not invalidate, except in certain cases*

**15.** Any departure from the provisions of these Regulations in respect of the marking out of an area or an application for a mining tenement shall not invalidate such marking out or such application if the Director is satisfied that a *bona fide* attempt has been made to comply with such provisions and that the defect or irregularity is of a minor nature; but where-

(a) the applicant, on receiving notice in writing from the Director to remedy such defect, fails to do so or fails to inform the Director that he has remedied such defect in the time specified in such notice, such defect or irregularity shall invalidate such marking out or such application;

(b) a number of such defects or irregularities occur, the whole may be regarded by the Director as invalidating such marking out or such application;

(c) such defect is calculated, in the opinion of the Director, to mislead another possible applicant for a mining tenement over the area marked out, or any part thereof, or over any land adjacent to the area marked out, such defect may be held to invalidate such marking out or such application.

*Application for mining tenement. Form 1*

**16.**-(1) Every application for a mining tenement shall be in Form 1 or to like effect, addressed to the Director, and shall be signed by each applicant or his agent or, in the case of a company, by the manager or secretary of the company.

(2) Every such application shall be accompanied by all relevant fees prescribed in the Second Schedule together with-

(a) in the case of an application for a prospecting licence, a deposit of all fees payable under the provisions of subparagraph (a) of paragraph (1) of regulation 5 for the duration of the term of the licence applied for; or

(b) in the case of an application for any other mining tenement, a deposit of the first half year's rent payable under the provisions of subparagraph (b) of that paragraph.

(3) In the case of an application for a mining lease, or for a special site right or road access licence which is to be attached to a mining lease, the applicant shall, in addition to any amount deposited under the provisions of paragraph (2), deposit with the Director the sum of \$40 as part payment of the survey fees.

(4) Upon the grant of an application for a mining tenement, so much of the fees and rents paid or deposited under the provisions of paragraph (2) as shall represent the fees and rents payable in respect of the area over which the tenement is granted, shall be paid by the Director to the Consolidated Fund, and the balance, if any, shall be returned to the applicant, or should the application be refused, the whole of all amounts deposited by the applicant under the provisions of this regulation, less the filing fees, shall be returned to him.

(5) No deposit as security for fulfilment of the condition specified in section 43 of the Act shall be required to accompany an application for a mining tenement over land of which the applicant or one of them is the owner:

Provided that, if the application is granted and the mining tenement or the ownership of the land is subsequently transferred by such person, such deposit must be lodged with the Director at the time of applying for his approval of the transfer, or the registration of the transfer of the ownership of the land, as the case may be.

#### *Plans to accompany application*

**17.-**(1) Every application for a mining tenement shall be accompanied by a copy of, or tracing from, an official plan published by the Lands Department on the largest practical scale which shall show the following details:-

(a) the scale and plan reference number;

(b) the relative positions of the datum, corner and boundary posts with an outline of the boundaries;

(c) the true or magnetic bearing and distance of the datum post from some fixed point which is shown on such official plan and the true magnetic bearing and length of each boundary line;

(d) the approximate position of the chief local landmarks, and any other beacons or mining tenements in the neighbourhood;

(e) the topographical features in such a manner as will show clearly the position of the boundary lines and permit of their being identified on the ground;

(f) in the case of a tracing, sufficient detail to enable the position to be marked accurately on another copy of the official plan from which the tracing is taken; and

(g) the name and signature of the applicant.

(2) On, or at any time after, the approval of an application for a mining tenement, the Director

may require the holder to submit a more accurate plan and on receipt thereof may amend the description of the land the subject of the mining tenement to agree with such plan, and such amended description shall thereupon become the description of the land the subject of the mining tenement.

*Agent may be called upon to produce authorisation*

**18.** If an application for a mining tenement is lodged by an agent or person purporting to act on behalf of the applicant, the Director may require confirmation of the authority under which such agent or other person acts before accepting such application and proceeding with such notification and dealing as may be required.

*Notice of application for mining tenement. Form 2*

**19.** Upon receipt of an application for a mining tenement, the receiving officer at the Mines Department shall prepare a notice in quadruplicate in Form 2 and shall cause one copy thereof to be placed upon the notice-board at the office of the Mines Department at Suva and shall deliver the others to the applicant, who shall, as soon as possible after receipt thereof-

(a) cause one to them to be placed inside a receptacle attached to the datum post of the area applied for and kept intact and legible until such time as the application has been dealt with by the Director:

Provided that the requirements of this paragraph may be dispensed with by the Director or an inspector upon it being proved to his satisfaction that such area is situated in a remote and unoccupied locality; and

(b) publish the notice of application in the Gazette and in one newspaper published and circulating in Fiji.

*Withdrawal of application for mining tenement. Form 3*

**20.** An application for a mining tenement may be withdrawn by the applicant therefor at any time before it has been granted or refused by the Director by lodging a notice of withdrawal in duplicate with the Director in Form 3 or to like effect and, on acceptance by the Director of such withdrawal, all rents and fees paid by the applicant in respect of such application, less the filing fee, shall be refunded to him after deduction of the withdrawal fee.

*Priority*

**21.**-(1) An application for a prospecting licence, permit to mine or mining lease shall have priority of consideration over an application for a special site right or road access licence where the areas the subject of the applications overlap or cover the same piece of land.

(2) Subject to the provisions of paragraph (1)-

(a) where more than one person applies for a mining tenement in respect of the same piece of land, the person who, in the opinion of the Director, has first correctly marked out the area



and first applied for such mining tenement over such land in accordance with the provisions of these Regulations shall have priority of consideration;

(b) where two or more applications in proper order in respect of the same piece of land are received simultaneously, the applicant who, in the opinion of the Director, first marked out the land shall have priority of consideration; and

(c) where it appears that two or more persons have simultaneously marked out the same land for a mining tenement in accordance with these Regulations or where the Director is unable to determine which applicant was the first to mark out the land, the Director shall decide which application shall have priority of consideration and his decision shall be final.

*Director may require applicant to adjust boundaries after survey of contiguous land*

**22.** Where the plan accompanying an application for a mining tenements shows that any of the boundaries of the area applied for are contiguous with any of the boundaries of another mining tenement which has not been surveyed, the Director may, upon completion of the survey of such other mining tenement, require the applicant for or holder of the tenement the subject of such application to move any of the beacons constituting the datum post, corner posts or boundary posts of the area the subject of such application and to adjust the boundary lines of such area so that such boundaries, as marked out, remain contiguous with the surveyed boundaries of such other mining tenement.

#### **PART IV-PROSPECTOR'S RIGHTS**

*Application for a prospector's right. Form 4*

**23.** Every application for a prospector's right shall be in writing in Form 4 or to like effect, addressed to the Director, and shall be accompanied by the fee prescribed in the Second Schedule, and shall set out in full the name of the applicant and his place of residence and occupation, together with his normal postal address and such other details as are stipulated in such form.

*Form of a prospector's right. Form 5*

**24.**-(1) Prospector's rights shall be prepared in duplicate in Form 5.

(2) Such forms shall be numbered in consecutive series from first to last and shall be bound in book form in such manner and numbers as may be convenient.

*Period and post-dating of a prospector's right.*

**25.**-(1) A prospector's right shall continue in force for one year from the date thereof, and shall not be renewable.

(2) At any time within thirty days before the expiration of a prospector's the holder thereof may apply to the Director for a new prospector's right to be dated as of the date of such

expiration. Such application shall be accompanied by the ordinary fee payable for a prospector's right.

*Prospector's right to be produced.*

**26.** A prospector's right shall be produced whenever demanded by the owner or occupier of any land on which the holder thereof is prospecting, or by the Director, an inspector, authorised officer or police officer.

## **PART V-PROSPECTING LICENCES**

*Area and period for prospecting licence.*

**27.-(1)** The area of land over which a prospecting licence may be granted shall be such as the Director thinks fit, but shall not exceed 400 ha.

*(Amended by Legal Notice 95 of 1978.)*

(2) The Director may grant more than one prospecting licence to any person but the aggregate of the areas of all prospecting licences held by one person shall not exceed 1,200 ha.

*(Amended by Legal Notice 95 of 1978.)*

(3) A prospecting licence may be granted for such period, not exceeding five years, as the Director thinks fit.

(4) Where the provisions of the Act and the conditions of the licence have been observed and performed to the satisfaction of the Director and on application being made therefor and the prescribed fees paid within thirty days immediately preceding the date of expiry of the licence, the holder of a prospecting licence shall be entitled to an extension thereof for such further periods as the Director may determine on the same conditions as are then generally applicable to new prospecting licences.

(5) Notwithstanding the provisions of paragraph (4), the Director may in his discretion grant an extension of a prospecting licence for such period as he may think fit upon receipt of an application therefor together with the prescribed fees at any time within fourteen days after the expiry of such licence.

*Form of prospecting licence. Form 6*

**28.** Prospecting licences shall be in Form 6 with such alterations as may be required to meet the circumstances of each particular case.

*Full particulars of prospecting licences to be entered in Register of Prospecting Licences.*

**29.** The full particulars of every prospecting licence granted, together with a copy of the description of the land the subject thereof as set out in the Schedule to the prospecting licence, shall be entered in the Register of Prospecting Licences, which particulars shall include-

- (a) the name of the area (if any);
- (b) the number of the prospecting licence;
- (c) the date on which it was issued and the date of its expiry;
- (d) the name of every holder;
- (e) the shares held by each holder;
- (f) all transfers, agreements and assignments;
- (g) all suspensions granted under the provisions of regulation 30;
- (h) all special site rights and road access licences attached thereto.

*Conditions to which prospecting licences are to be subject.*

**30.**-(1) Every prospecting licence shall, in addition to any special conditions contained therein, be deemed to be subject to the following conditions:-

- (a) that the holder will vigorously and continuously prosecute prospecting operations on the land the subject thereof to the satisfaction of the Director; and
- (b) that the holder will employ in the prospecting operations not less than one person, who in the opinion of the Director or an inspector, is qualified and competent to prospect, for every 200 ha or part thereof the subject of the tenement, and not less than one other workman for every 10 ha of such land:

Provided that-

- (i) the Director may, on application in writing by the holder, suspend in whole or in part any of the obligations imposed by this sub-paragraph for such time as the Director may think fit; and
- (ii) where machinery is used, the number of workmen employed may be reduced in the proportion of one workman for each horsepower of machinery used, but so that the number of workmen employed shall not be less than one-third of the number prescribed by this sub-paragraph.

*(Amended by Legal Notice 95 of 1978.)*

(2) The land the subject of a prospecting licence shall be deemed to be continuously worked if six hours' *bona fide* work per working day is performed thereon by the prescribed number of men for two hundred working days per annum:

Provided that involuntary cessation of work during the continuance of stress of weather, epidemics or strikes, shall not be deemed to be a breach of any of the conditions imposed by the provisions of paragraph (1).

*Reports on prospecting operations Form 7*

**31.** The holder of a prospecting licence shall within 14 days after the expiration of each period of 3 months from the date of issue thereof submit to the Director a report in Form 7 as to the

nature and extent of the prospecting operations conducted upon the land the subject of such licence during such period of 3 months; and shall, if required by the Director, submit with such report true copies of any plans of survey made on or below the surface of the land and true copies of any engineering or geological reports relating to the area and any specimens of material obtained in the course of prospecting operations.

#### *Special prospecting licences*

**32.**-(1) An application for a special prospecting licence shall, in addition to complying with the provisions of regulations **16** and **17**, be accompanied by-

(a) a statement of the approximate number of workmen the applicant guarantees to employ on continuous prospecting during the currency of the licence if the licence be granted; and  
(b) a programme of prospecting work which the applicant undertakes to perform on the area applied for if the licence be granted and an estimate of the expenditure to be incurred in such work.

(2) Special prospecting licences shall be prepared in Form 6 with such alterations as may be required to meet the circumstances of each particular case, and shall be endorsed "Special".  
(Form 6)

### **PART VI - PERMITS TO MINE AND MINING LEASES**

#### *Areas for permits to mine and mining leases*

**33.**-(1) The area of land over which a permit to mine or mining lease may be granted shall be in the discretion of the Director but shall not, except with the prior approval of the Minister, exceed the following areas:-

(a) in the case of a permit or lease for precious minerals-40 ha; or  
(b) in the case of a permit or lease for non-precious minerals-128 ha.  
(Amended by Legal Notice 95 of 1978.)

(2) Every application for the grant of a permit to mine or mining lease over an area in excess of that specified in paragraph (1) shall be accompanied by a scheme in writing outlining the nature and extent of the proposed operations together with evidence to the satisfaction of the Director that the applicant has the working capital necessary to carry out such scheme.

#### *Applications for permits to mine and mining leases*

**34.**-(1) An applicant for a permit to mine or mining lease shall report fully to the Director the nature of the mineral deposit in respect of which such mining tenement is applied for and the Director may require the applicant to submit copies of assays and reports made by engineers, geologists or prospectors.

(2) The plan accompanying the application shall, in addition to the information required by the provisions of regulation 17, show all roads, paths, fences, buildings, crops or other improvements within the boundaries or within 30 m of the area applied for.

*(Amended by Legal Notice 95 of 1978.)*

(3) An applicant for a permit to mine or mining lease shall also state and describe in his application the area of surface which he desires to occupy and use.

(4) On receipt of an application therefor the Director may approve the grant of a permit to mine or mining lease or may require the applicant to continue prospecting operations.

*Form of permit to mine. Form 8*

**35.** Permits to mine shall be in Form 8 with such alterations as may be required to meet the circumstances of each particular case.

*Full particulars of permits to mine to be entered in Register.*

**36.** The full particulars of every permit to mine granted, together with a copy of the description of the land as set out in the Schedule to the permit to mine, shall be entered in the Register of Permits to Mine, which particulars shall include-

- (a)* the name of the mine;
- (b)* the number of the permit to mine;
- (c)* the date on which it was issued and the date of expiry;
- (d)* the name of every holder;
- (e)* the share held by each holder;
- (f)* all transfers, assignments and tribute agreements made;
- (g)* all exemptions granted or cancelled; and
- (h)* all special site rights and road access licences attached thereto.

*Form of mining lease. Form 9*

**37.** Mining leases shall be in Form 9 with such alterations as may be required to meet the circumstances of each particular case.

*Execution of lease.*

**38.** Every mining lease shall be executed by the lessee, if he be resident within Fiji, within a period of 60 days from the date of issue of the notice that the lease is ready for execution, or in the case of a lessee residing outside Fiji, within a period of 6 months from the date of issue of such notice. Failure on the part of the lessee to execute a lease within the prescribed period shall render the approval of the lease liable to cancellation.

*Record to be kept of mining leases.*

**39.** A book shall be kept at the Mines Department to be called the "Record of Mining Leases" in which shall be entered in relation to each mining lease-

- (a) the name of the mine;
- (b) the registered number of the lease;
- (c) the date on which it was issued and the date of its expiry;
- (d) the name of every lessee;
- (e) the share which each lessee holds;
- (f) all transfers, assignments, subleases and tribute agreements made;
- (g) all exemptions granted or cancelled; and
- (h) all special site rights and road access licences attached thereto:

Provided that any system of recording such information by cards shall be sufficient compliance with the provisions of this regulation.

*Rights and conditions of permits to mine and mining leases.*

**40.**-(1) A permit to mine or mining lease shall entitle the holder to work underground for the purpose of mining at a depth of not less than 15 m below the surface throughout the whole area the subject of such tenement and also to occupy and use for the purpose of mining or purposes ancillary thereto, such portion of the surface as may be allowed by the Director and specified in the tenement holder of a permit to mine or mining lease may, at any time, apply to the Director for an extension of the surface area which he may occupy and use. If the application is granted such extension shall be endorsed on the permit to mine or mining lease.

*(Amended by Legal Notice 95 of 1978.)*

(2) Every permit to mine and mining lease shall, in addition to any special conditions contained therein, be deemed to be subject to the following conditions:-

- (a) that the holder shall commence mining operations on the land the subject thereof within 30 days after the issue of such permit or lease and thereafter vigorously and continuously prosecute mining operations thereon with reasonable diligence and skill to the satisfaction of the Director;
- (b) that the holder shall at all times employ in such operations a minimum of one workman for every 4 ha or part thereof included in the tenement:

Provided that when machinery is used for mining purposes the number of workmen employed may be reduced in the proportion of one workman for each horsepower of machinery so used but so that the number of workmen employed shall not be less than one-third of the number prescribed by this sub-paragraph.

*(Amended by Legal Notice 95 of 1978.)*

(3) Mining operations on a permit to mine or mining lease shall be deemed to be continuous if 6 hours *bona fide* work per working day is performed there the prescribed number of workmen for 200 working days per annum:

Provided that involuntary cessation of work during the continuance of stress of weather, epidemics or strikes, shall not be deemed to be a breach of any of the conditions imposed by the provisions of this paragraph.

(4) For the purpose of compliance with the provisions of this regulation, mining operations shall be deemed to include, together with any exploration, development or exploitation carried out by workmen or tributaries within the area, all work done in the construction, erection, operation and maintenance of machinery, or in preparations indispensable to the actual commencement of mining operations.

*Director may order holder to stop mining operations*

**41.**-(1) If the Director considers that mining operations on any permit to mine or mining lease are being carried out in an inefficient or unworkmanlike manner he may order the holder to stop mining operations and the holder shall thereupon stop all mining operations and submit to the Director a scheme of operations for future mining.

(2) If, on receipt of a scheme of operations submitted under the provisions of paragraph (1), the Director is satisfied that such scheme of operations will be adequate to ensure efficient and workmanlike mining operations, the Director may revoke the order to stop mining operations.

(3) In the event of a second or subsequent order to stop mining operations being issued to the same holder, the mining tenement concerned shall be liable to cancellation.

(4) All orders to stop mining operations shall be endorsed by the Director on the permit to mine or mining lease concerned.

*Notice of commencement of mining operations Form 10*

**42.** Before commencing any mining operations, or any new mining operations of which notice has not been given under the provisions of this paragraph, the holder of a permit to mine or mining lease shall serve a notice in Form 10 on the owner, occupier or lessee of all land which will be affected by such operations and, within 14 days of the service thereof, shall forward to the Director a copy of such notice endorsed with an affidavit of service of the same, duly completed and sworn by the person who effected such service.

*Exemption from labour covenants*

**43.**-(1) The holder of a permit to mine or mining lease may apply to the Director for exemption from compliance with any of the provisions of regulation **40** for a period not exceeding 3 years.

*Form 11*

(2) Every application made under the provisions of this regulation shall be in Form 11 and accompanied by the fee prescribed in the Second Schedule, and shall state the grounds upon which it is made.

(3) Upon receipt of an application made under the provisions of this regulation, the Director may, if satisfied that any of the grounds specified in regulation 44 exist, grant the exemption applied for upon such conditions as he thinks fit or, if not so satisfied, may refuse the application.

*Form 12*

(4) Every exemption granted under the provisions of his regulation shall be in Form 12.

(5) Failure on the part of the holder to observe any conditions of any exemption granted under the provisions of this regulation shall render such exemption liable to cancellation.

*Grounds for exemption*

**44.** The grounds upon which exemption may be granted under the provisions of regulation 43 are as follows:-

- (a) lack of capital, after a fair sum shall have been expended on the mine in work, labour or materials; or
- (b) time is required for the erection of machinery; or
- (c) influx of water into the mine or scarcity of water in the vicinity of the mine; or
- (d) scarcity of labour; or
- (e) collapse of the working shaft or other main working place in the mine; or
- (f) the mine is, for some other cause, temporarily unworkable; or
- (g) the death of the holder or one of the several joint holders; or
- (h) absence of the holder or manager for some sufficient reason from the locality or his inability by reason of sickness or other sufficient cause, to work the mine; or
- (i) the title to the mine is in dispute; or
- (j) bankruptcy proceedings are pending; or
- (k) the holder of several adjacent mines desires to concentrate the labour complement of such mines on one or more of them; or
- (l) the purchase price of a mineral in Fiji is so low that the working by an efficient miner of the mine producing such mineral is uneconomic.

*Resumption of work during currency of exemption.*

**45.** When exemption has been granted in respect of any permit to mine or mining lease under the provisions of regulation 43, the resumption or performance of any work during the currency of such exemption shall not be deemed to cancel the exemption.



*Keeping inspection and verification of accounts.*

**46.**-(1) The holder of every permit to mine and mining lease shall keep to the satisfaction of the Director, full, true and proper accounts, account books, receipts, vouchers and other documents verifying the accounts and account books, and showing the nature and extent of the operations carried on upon and in respect of such tenement and the mining thereon. In the event of the failure or neglect of the holder to keep to the satisfaction of the Director the accounts, account books, receipts, vouchers and other documents as above mentioned, the tenement concerned shall be liable to cancellation.

(2) Any person authorised for that purpose by the Director shall at any time have access to the books and account of any such mining tenement and may examine the same for the purpose of checking if the terms of the tenement have been complied with and ascertaining the amount of royalty payable in respect of the minerals obtained from such mining tenement.

(3) The person so authorised as aforesaid may make copies of any entries or matters contained in the said books and accounts, and on completion of his examination shall report to the Director.

(4) Any person so authorised as aforesaid who shall reveal any information so obtained by him, except to his official superiors in the course of his duties, or under the authority of a court of competent jurisdiction, shall be guilty of an offence and liable to a fine not exceeding \$100.

(5) Any person who obstructs any person carrying out an examination required under the provisions of this regulation, or who without lawful excuse refuses or neglects to produce any book under his control, or to answer any question asked in the course of such examination, shall be guilty of an offence and liable to a fine not exceeding \$100.

*Monthly report on mining operations. Form 13*

**47.** Every holder of a permit to mine or mining lease shall not later than the fourteenth day of every month submit to the Director a report in Form 13 which shall show the amount of minerals obtained therefrom during the preceding month and the estimated value thereof together with the other information required by such form.

*Yearly report by mine holder. Form 14*

**48.** Every holder of a permit to mine or mining lease shall, not later than 31 January in each year, submit to the Director a report in Form 14, under the hand of the holder, agent, company manager or secretary setting forth in respect of such permit or lease the particulars mentioned in such form for the preceding year.

*Special mining leases*

**49.**-(1) An application for a special mining lease shall, in addition to complying with the provisions of regulations **16** and **17**, be accompanied by-

- (a) a statement of the terms required for such special mining lease and the reasons, supported by documentary evidence, why such terms should be granted; and
- (b) a programme of work which the applicant undertakes to perform on the area applied for if the lease be granted and an estimate of the cost of such work.

*Form 9*

(2) Special mining leases shall be prepared in Form 9, with such alterations as may be required to meet the circumstances of each particular case, and shall be endorsed "Special".

**PART VII - SPECIAL SITE RIGHTS**

*Areas for special site rights*

**50.**-(1) The area of land over which a special site right may be granted shall be in the discretion of the Director but shall not, except with the prior approval of the Minister, exceed the following areas:-

- (a) for a water right - sufficient area to include the dam, reservoir and pumping station;
- (b) for a passageway right - an area being the shortest reasonable distance between the start and finish of the passageway in length and not less than 5m nor more than 10m in width;
- (c) for a general site right - 10ha.

Every application for the grant of a special site right over an area in excess of any of those specified in this regulation shall be accompanied by a scheme in writing outlining the nature and extent of the proposed usage together with evidence to the satisfaction of the Director that the applicant has the working capital necessary to carry out such scheme.

*(Amended by Legal Notice 112 of 1970; 95 of 1978.)*

(2) No special site right shall be granted over any area which, in the opinion of the Director, is required for mining purposes or which would interfere prejudicially with mining operations.

*Purpose of special site rights*

**51.** A special site right shall entitle the holder hereof to the exclusive occupation of the surface of the land comprised therein for the following purposes:-

- (a) in the case of a water right, to divert such maximum quantity of water as may be specified therein and to erect such works at the point of intake as may be necessary for the purpose of diverting such water;

(b) in the case of a passageway right, to cut a race or lay pipes on or beneath the surface for the conveyance or distribution of water, oil, air or any other substances for mining purposes, or to construct a tramway or aerial ropeway or conveyor belt to facilitate the transport of materials and the products of mining operations;

(c) in the case of a general site right, to use the site for such of the following purposes as may be specified therein:-

- (i) the erection of machinery;
- (ii) the disposal of earth and tailings;
- (iii) the treatment of ore or minerals;
- (iv) the erection of plan and furnaces;
- (v) stockpiling the products of mining;
- (vi) the erection of loading and shipping facilities;
- (vii) otherwise as is specified in such right.

*Application for special site right.*

**52.** The plan accompanying an application for a special site right shall, in addition to the information required by the provisions of regulation 17, show the following details:-

(a) all roads, paths, fences, buildings, crops or other improvements within the boundaries or within 30m of the area applied for;

(b) in the case of a water right, the proposed point of diversion proposed site of any dam, reservoir or pumping station;

(c) in the case of a passageway right, the position of all proposed trestles, bridges, culverts or works or appurtenances;

(d) in the case of a general site right, the position of all proposed buildings, roads, dumps, dams or works.

*(Amended by Legal Notice 95 of 1978.)*

*Form of special site right*

**53.** Special site rights shall be in Form 15 with such alterations as may be required to meet the circumstances of each particular case.

*(Form 15)*

*Special site rights to be held in connection with mining tenement only*

**54.-(1)** On the issue of a special site right the Director shall enter, or cause to be entered, a memorial thereof on the mining tenement to which such special site right is attached.

(2) On the transfer of the mining tenement to which a special site right is attached the special site right shall also be transferred to the transferee of such mining tenement:

Provided that, with the written consent of the transferee, the transferor of any mining tenement may apply to the Director for the cancellation of any special site right attached thereto and on payment of the prescribed fees may re-apply for the special site right to be attached to any other mining tenement held by him in the same vicinity.

(3) The Director shall not approve the transfer of a special site right unless the mining tenement to which it is attached is also transferred to the transferee of the special site right.

(4) At anytime prior to the abandonment, forfeiture, cancellation or surrender of a mining tenement, the holder thereof may apply to the Director for the cancellation of any special site right attached thereto and, on payment of the prescribed fees, may re-apply for such special site right to be attached to any other mining tenement held by him in the same vicinity.

*Record to be kept of special site rights*

**55.** A book shall be kept at the Mines Department to be called the "Record of Special Site Rights" in which shall be entered in relation to each special site right -

- (a) the number of the mining tenement, to which such special site right is attached;
- (b) the registered number of the special site right;
- (c) the purpose for which it was issued;
- (d) the date on which it was issued and the date of expiry;
- (e) the names of the holders;
- (f) the share which each person holds; and
- (g) all transfers, assignments, subleases and other dealings herein.

*Water right not required for water within a mining tenement, limitation of height of dam*

**56.** The holder of a mining tenement may divert or impounded water for prospecting or mining purposes without obtaining a water right:

Provided that -

- (a) the diverted water is returned to its original channel and that the points of intake and return of the diverted water both lie within the area the subject of the mining tenement and that both the original water-course between such points of intake and return and the water-race to which the water is diverted lie wholly within such area; and
- (b) any dam constructed for the impounding of water on a mining tenement shall be only of such height and at such a distance from the boundary as in no way to interfere with the natural level of the stream above such boundary to the injury of any landowner or the holder of any other mining tenement.

*Bridges*

**57.** Where a water-race is constructed within a passageway right, bridges shall be constructed and maintained by the holder of the right to the satisfaction of the Director or an inspector at all points where the water-race crosses any roads or paths.

*Right of holder of passageway right*

**58.**-(1) The intervention of a mining tenement on the line of route of a proposed passageway shall not debar the grant of a passageway right through or across such intervening mining tenement; and the holder of such passageway right shall be entitled to cut his race or drain or lay his water or other pipe or construct his tramway or aerial ropeway or conveyor belt through such intervening mining tenement or over or under any race, fence, drain, pipe, road or tramway:

Provided that if injury is done to such mining tenement, race, fence, drain, pipe, road or tramway and is not promptly made good by or at the expense of the holder of such passageway right, compensation shall be determined in accordance with the provisions of section **40** of the Act.

(2) The original line of a passageway may, with the permission of the Director, be altered or deviated from provided that -

- (a) no substantial interference or injury is caused to the holder of any prior mining tenement;
- (b) the Director may in his discretion require a survey of such deviation; and
- (c) such deviation shall be noted on the passageway right.

*Unlawful use or pollution of water*

**59.** Any person who-

- (a) takes water from any race, pipe, dam or reservoir without the consent of the holder of any special site right relating thereto; or
- (b) permits sludge or other noxious matter to flow into or otherwise pollute the water therein; or
- (c) injures the banks of a race, dam or reservoir, or the works connected therewith, shall be guilty of an offence and liable to a fine not exceeding \$100.

*Erection of machinery or furnaces*

**60.**-(1) The holder of a special site right shall commence the erection of machinery, furnaces or other works thereon within a period of 12 months from the date of commencement of the right.

(2) If the holder of a special site right desires to obtain an extension of the time within which he must commence the erection of machinery, furnaces or other works, he shall make application to the Director, and, upon payment of the exemption fee prescribed in the Second Schedule, the Director may grant such extension of time for any period not exceeding 6 months. Every such extension shall be noted on the special site right.

*Period of special site right*

**61.**-(1) The period for which a special site right may be granted shall be in the discretion of the Director, but shall not exceed the period for which the mining tenement to which the

special site right is attached has been granted or extended.

(2) At the expiration of the period originally granted, on one month's notice being given to the Director and on payment of the fee prescribed in the Second Schedule, a special site right may be extended for a further period which shall not exceed the period for which the mining tenement to which such special site right is attached has been granted or extended and provided that the right is not at that time liable to cancellation. The conditions of any such extension shall be such as are then generally applicable to new special site rights.

#### *Resumption of areas*

**62.** The Director may, with the approval of the Minister and upon payment of compensation to the holder, cancel a special site right in respect of any part of the land the subject of the right when such land is required for public or mining purposes.

### **PART VIII - ROAD ACCESS LICENCES**

#### *Area for road access licence*

**63.** The area of land over which a road access licence may be granted shall be in the discretion of the Director:

Provided that the course of the road shall follow the shortest reasonable distance from a public road or from a road held under any other road access licence to the boundary of the mining tenement, and the width of the land the subject of such licence shall be not less than 4.5m nor more than 20m.

*(Amended by Legal Notice 95 of 1978.)*

#### *Purpose of road access licence*

**64.** A road access licence shall entitle the holder thereof to construct a road on the land the subject of the licence for the purpose of obtaining access to the mining tenement to which the road access licence is attached.

#### *Application for road access licence*

**65.** The plan accompanying an application for a road access licence shall, in addition to the information required by the provisions of regulation 17, show the following details:-

- (a)* the position of the proposed road from a public road or other road to the point of entry to the mining tenement;
- (b)* all roads, paths, fences, buildings, crops or other improvements within the boundaries or within 30m of the area applied for;
- (c)* all native villages and other settlements along or near to the proposed road; and
- (d)* the position of all proposed trestles, bridges, culverts, gates or cattle-stops.

*(Amended by Legal Notice 95 of 1978.)*

*Form of road access licence*

**66.** Road access licences shall be in Form 16, with such alterations as may be required to meet the circumstances of each particular case.  
*(Form 16)*

*Road access licence to be held in connection with mining tenement only*

**67.**-(1) On the issue of a road access licence, the Director shall enter, or cause to be entered, a memorial thereof on the mining tenement to which such road access licence is attached.

(2) On the transfer of the mining tenement to which a road access licence is attached, the road access licence shall also be transferred to the transferee of such mining tenement:

Provided that, with the written consent of the transferee, the transferor of any mining tenement may apply to the Director for the cancellation of any road access licence attached thereto and on payment of the prescribed fees may re-apply for the road access licence to be attached to any other mining tenement held by him in the same vicinity.

(3) The Director shall not approve the transfer of a road access licence unless the mining tenement to which it is attached is also transferred to the transferee of the road access licence.

(4) At any time prior to the abandonment, forfeiture, cancellation or surrender of a mining tenement, the holder thereof may apply to the Director for the cancellation of any road access licence attached thereto, and on payment of the prescribed fees may re-apply for such road access licence to be attached to any other mining tenement held by him in the same vicinity.

*Record to be kept of road access licences*

**68.** A book shall be kept at the Mines Department to be called the "Record of Road Access Licences" in which shall be entered in relation to each road access licence-

- (a)* the number of the mining tenement to which such road access licence is attached;
- (b)* the registered number of the road access licence;
- (c)* the date on which it was issued and the date of expiry;
- (d)* the names of the holders;
- (e)* the share which each person holds; and
- (f)* all transfers, assignments, subleases and other dealings herein.

*Rights of holder of road access licence*

**69.**-(1) The intervention of a mining tenement on the line of route of a proposed road shall not debar the grant of a road access licence through or across such intervening mining tenement; and the holder of such road access licence shall be entitled to construct this road through any

intervening mining tenement or over or across any race, fence, drain, pipe, road or tramway:

Provided that -

(a) if injury is done to such mining tenement, race, fence, drain, pipe, road or tramway and is not promptly made good by or at the expense of the holder of such road access licence, compensation shall be determined in accordance with the provisions of section 40 of the Act;  
(b) where such road passes through any fence, a good and substantial gate shall be provided in the fence or a satisfactory cattle-stop shall be constructed to prevent stock enclosed by the fence from escaping.

(2) The original line of the road may, with the Director's permission, be altered or deviated from:

Provided that -

(a) no substantial interference or injury is caused to the holder of any prior mining tenement;  
(b) the Director may require a survey of such deviation; and  
(c) such deviation shall be noted on the road access licence.

#### *Construction of road*

**70.** The holder of a road access licence shall commence the construction of a road thereon within a period of 3 months from the date of issue of the licence.

#### *Period of road access licence*

**71.**(1) The period for which a road access licence may be granted shall be in the discretion of the Director, but shall not exceed the period for which the mining tenement to which such road access licence is attached has been granted or extended.

(2) At the expiration of the period originally granted, on one month's notice being given to the Director and on payment of the fee prescribed in the Second Schedule, a road access licence may be extended for a further period which shall not exceed the period for which the mining tenement to which such road access licence is attached has been granted or extended and provided that the licence is not at the time liable to cancellation. The conditions of such extension shall be such as are then generally applicable to new road access licences.

#### *Resumption of areas*

**72.** The Director may, with the approval of the Minister and upon payment of compensation to the holder, cancel a road access licence in respect of any part of the land the subject of the licence when such land is required for public or mining purposes.

### **PART IX - SURVEYS AND PLANS OF MINING TENEMENTS**



### *Survey of mining tenements*

**73.** If any question or dispute arises as to the actual land comprised in any application for a mining tenement or in any unsurveyed mining tenement, the Director may direct such survey as he deems necessary to be made either by the applicants or holders or at their expense.

### *General rules for surveys*

**74.** The following general rules shall apply with respect to surveys required by or under the provisions of the Act:-

- (a) the datum post and corner posts of the land to be surveyed shall be marked by survey marks consisting of concrete pegs 600mm in length, or galvanized iron piping not less than 12.5mm internal diameter and 600mm in length, sunk 500mm into the ground;
- (b) subsidiary angles and intermediate points on the boundary lines shall be marked by galvanized iron piping not less than 12.5mm internal diameter and 600mm in length, sunk 500mm into the ground;
- (c) the survey marks' at the datum post and corner posts shall be connected by bearings and distance to a broad-arrow mark 75mm long chiselled on a suitable nearby tree in the manner specified in the Surveyors Regulations, and beneath such broad-arrow mark the surveyor shall chisel the appropriate letters and figures, 75mm long, as are specified in those Regulations;
- (d) topographical features of the land surveyed shall be shown on all survey plans of mining tenements;
- (e) if the land required to be surveyed is wholly or partially included in alienated land, the surveyor shall connect his survey with the existing survey of such alienated land and, if the boundary of such alienated land crosses the boundary of the land being surveyed, the surveyor shall define and mark the points of interception of such boundaries and show the same upon his plan;
- (f) any crops, fences, buildings or other improvements found to be within the boundaries of or within 30m of any land surveyed under the provisions of these Regulations shall be shown upon the survey plan, and the surveyor's report shall specify the nature and state of such improvements that lie within the land surveyed;
- (g) if the whole or any part of the land to be surveyed is under growing crops, the surveyor shall avoid doing any damage to such crops. No boundary line shall be cleared through growing crops except with the consent of the owner thereof, but if any survey mark situated within the planted area can be marked without causing damage, it shall be so marked;
- (h) in the even of the surveyor being unable to establish a survey mark on the boundary line without causing damage, a reference mark shall be established as near to the true boundary as is reasonably possible, and the surveyor shall show upon this plan all necessary information to enable the correct boundary to be established if and when required.

*(Amended by Legal Notice 95 of 1978.)*

### *Survey marks to be protected by holder of tenement*

**75.-(1)** The holder of any mining tenement, the boundaries of which have been surveyed, shall maintain and protect the survey marks from loss or damage and shall keep such marks and this boundary lines reasonably clear of bushes, reeds, vines or other undergrowth in

sufficient degree so as to enable such survey marks and boundary lines to be readily found and followed at anytime.

(2) No post, peg or other survey mark established by a surveyor shall be moved, replaced or otherwise interfered with, by any person other than a registered surveyor, and, in the even of any survey mark being moved, replaced or otherwise interfered with in contravention of the provisions of this paragraph, the holder of the mining tenement to which such survey mark relates shall be liable, in addition to any penalty imposed under the provisions of this Act or of the Surveyors Act, to pay the cost of re-establishing, by survey, such survey mark.

*(Cap. 260.)*

*Plans of mines to be kept*

**76.-**(1) The holder of every permit to mine, mining lease or special mining lease in which 10 or more men are ordinarily employed in mining operations, or if the Director so directs, upon which any less number of men are so employed, shall keep at the mine office accurate plans made from actual surveys by a surveyor, mining engineer or mine manager showing the workings and such other information as is required under the provisions of regulation 77.

*Such plans shall be revised at intervals of not less than 3 months.*

(2) All plans kept under the provisions of paragraph (1) shall be produced to an inspector or authorised officer on demand, and the holder shall, if so requested by the inspector or authorised officer, mark or cause to be marked on such plans, within a reasonable time after such request, the progress of the workings of the mine since the time of last revision, and allow such inspector or authorised officer to examine and take a copy thereof.

(3) In the month of March of every year the holder shall send to the Director true copies of all plans required to be kept under the provisions of this regulation showing the workings up to the end of the preceding calendar year.

(4) Every such copy shall be filed by the Director and no copy or tracing thereof shall be furnished to, nor information in relation thereto given to, nor shall any such plans or tracings be open to inspection by, any person other than the Director, an inspector or an authorised officer, except with the prior consent of the holder of the mining tenement to which they relate, or by order of the Director.

(5) If any officer, without such consent or order, furnishes to any person, or allows any person to inspect, any such plan or copy or tracing of any such plan, or gives any information in relation thereto, he shall be guilty of an offence and liable to a fine not exceeding \$100.

(6) Any holder of a mining tenement who -

*(a)* fails to keep any plans required to be kept under the provisions of this regulation, or fails to send copies of such plans to the Director in accordance with the provisions of paragraph

*(3);* or

(b) refuses to produce any such plans to an inspector or authorised officer on demand or to comply with any request made by an inspector or authorised officer under the provisions of paragraph (2),

shall be guilty of an offence and liable to a fine not exceeding \$200.

(7) If the Director has reason to believe that any plan required to be kept under the provisions of this regulation is inaccurate or incomplete, he may cause a check survey to be made, and if such plan is proved to be inaccurate or incomplete in any material respect, the holder of the mining tenement to which such plan relates, shall pay the costs of such check survey and all expenses incurred in connection therewith, and such costs and expenses shall be recoverable as a debt due to the Director.

*Information to be shown on plans*

77. All plans required to be kept under the provisions of regulation 76 shall include-

(a) a plan of the mining tenement showing the boundaries of all mining tenements worked in association therewith by the same holder in one mine and the position of all buildings, shafts, opencast workings, openings from the surface to underground workings and other improvements erected, effected or made by the holder on such mining tenements;

(b) a general plan of all underground workings to a scale not greater than 1:240 and not less than 1:720. If the lower levels cannot be so shown clearly, owing to those at higher levels being super-imposed, there shall also be furnished such plans of each level, or of successive groups of levels, as are sufficient to show clearly the workings in each level;

(c) if required by an inspector or authorised officer, longitudinal sections, to the same scale as the plans of the workings, showing all stopping and sufficient cross-sections to the same scale as to show clearly all lodes and workings;

(d) an assay plan corrected at least once in every 3 months showing on vertical and horizontal projections of the mine workings the position and values of all samples assayed during the course of such workings.

*(Amended by Legal Notice 95 of 1978.)*

*Plans, etc., of abandoned mine required*

78.-(1) Before a mine or any part of a mine is closed down or abandoned or rendered inaccessible, all plans required to be kept under the provisions of these Regulations shall be brought up to date and, within 3 months after the closing down or abandonment of such mine, copies of all such plans together with all calculation books and survey note-books kept by the holder of the mining tenement or tenements concerned shall be sent by such holder to the Director and shall become the property of Government.

(2) All the information contained in any plans or records required to be sent to the Director under the provisions of paragraph (1) shall become the property of Government which shall have the right to publish or otherwise use such information in any manner that it sees fit.

(3) Any holder of a mining tenement who fails to comply with the provisions of paragraph (1) shall be guilty of an offence and liable to a fine not exceeding \$100.

## **PART X - GENERAL PROVISIONS**

### *Grant, etc., of prospector's rights and mining tenements to be gazetted*

**79.** Within the first week of every month the Director shall cause a list of all prospector's rights granted, cancelled or which expired, and all mining tenements granted, renewed, cancelled or surrendered, or which expired, during the preceding month to be posted on a notice-board at the Mines Department and published in the Gazette.

### *Export of minerals*

**80.**-(1) Before delivering any minerals on board a vessel or aircraft for export the intending exporter shall notify the Director of the quantity and value thereof, the mining tenement from which they were obtained, the port or airport from which they are to be exported and the place to which they are to be exported.

(2) On receipt of such notification and on being satisfied that all royalties payable on such minerals have been paid or secured to his satisfaction or that no royalties are payable thereon, the Director shall issue to the exporter a mineral export licence in Form 17 duly endorsed with the appropriate certificate as to royalties as required under the provisions of regulation 8, and shall send a copy of such licence to the Collector of Customs at the port or airport from which such minerals are to be exported.

*(Form 17)*

### *Particulars of boring operations to be supplied*

**81.**-(1) Every holder of every mining tenement who in the exercise of his rights thereunder proposes to putdown a bore hole or drill hole for the purpose of any mineral survey or to extend any such existing bore hole or drill hole shall, before commencing the work, notify the Director of his intention and shall furnish particulars of the location of such bore hole or drill hole, and shall also, either before or after commencing the work, furnish such additional particulars as may be required by the Director.

(2) Where in the course of drilling a bore hole or drill hole to which this regulation applies a core is obtained, the core, other than material therefrom required for purposes of assay, shall be labelled in such manner that its origin may be readily determined and shall be preserved for a least three months after the completion of the bore hole or such longer period as the Director may in any case specify. If no core is obtained, samples of the material obtained in drilling shall be taken, labelled and preserved as aforesaid:

Provided that-

(a) no samples need be kept where the bore hole is sunk in surface gravel or alluvial ground; and

(b) before disposing of any such core or samples, a least one month's notice shall be given by the holder of the mining tenement to the Director.

(3) Cores and samples preserved as aforesaid shall at all times be available for examination by an inspector or authorised officer and specimens may be taken for purposes of assay or other treatment, but no information obtained as a result of such examination or treatment shall, while the mining tenement remains in force, be made public without the consent of the holder thereof.

(4) Reports upon the progress of drilling operations shall be forwarded in Form 18 to the Director at the expiration of each week of such operations.

*(Form 18)*

#### *Pollution of water*

**82.**-(1) Any person who, in the course of prospecting or mining operations, except under the authority of a permit in writing issued under the provisions of paragraph (2), causes or permits the deposit or discharge of any rubbish, dirt, filth or debris or any waste water from any sink, sewer or drain or other dirty water or any chemical or other substance deleterious to animal or vegetable life, or any other noxious matter or thing, into any watercourse shall be guilty of an offence, and shall be liable to a fine not exceeding \$100.

(2) The Director may on the application of the holder of any mining tenement grant a permit in writing authorising such holder to deposit or discharge sludge, tailings or other mining debris into any watercourse at such times and in such places and subject to such conditions as the Director thinks fit.

(3) In granting any permit under the provisions of paragraph (2), the Director may, in addition to any other conditions which he may think fit to impose, require the holder of such mining tenement to provide at his own expense an alternative water supply, to the satisfaction of the Director to any person whose water supply may, in the opinion of the Director, be adversely affected by the deposit or discharge of any sludge, tailings or other mining debris into any watercourse under the authority of such permit.

#### *Tribute agreements*

**83.**-(1) The holder of any mining tenement may, subject to the approval of the Director, enter into a tribute agreement for the working of the whole or any portion of such tenement.

(2) Every tribute agreement shall be in writing in triplicate, signed by or on behalf of the holder of the mining tenement to which it relates and by every tributer thereunder, and shall, within 28 days after its execution, be lodged together with the fee prescribed in the Second Schedule, at the office of the Director for his approval and, if approved, for registration.

(3) The Director may refuse to approve any tribute agreement if, in his opinion, any of the terms or conditions thereof are unreasonable, and shall refuse such approval unless satisfied that -

- (a) it is for a period of not less than 3 months;
- (b) it is in respect of a specified and defined area of land;
- (c) all of the terms and conditions thereof and on which any tributer thereunder may use any of the mining plan, machinery, tools and supplies of the holder of the mining tenement to which such agreement relates, are set out fully in such agreement; and
- (d) such agreement is subject to cancellation on any breach by any of the parties thereto of any of the terms or conditions thereof.

(4) Notwithstanding any provision to the contrary contained in any tribute agreement, the holder of the mining tenement to which any such agreement relates shall remain liable for the fulfilment of all obligations imposed on him by or under the provisions of the Act.

*Names and addresses of all holders of a mining tenement to be supplied*

**84.** No mining tenement shall be granted in the name of any firm, syndicate or partnership unless the names and addresses of all of the members thereof are submitted to the Director in writing signed by each of such members or his registered attorney, and each of such members shall, for all purposes, be deemed to be the holder of such mining tenement and shall be subject to all of the obligations imposed on the holder thereof by or under the provisions of the Act.

*Service and delivery of notices and process*

**85.** Any notice or process required under the provisions of these Regulations to be served on or delivered to any person shall be deemed to have been sufficiently served on or delivered to such person if delivered to him personally or if sent to him by pre-paid registered post to this last known place of residence or business within Fiji.

*Powers of attorney*

**86.**-(1) Every holder of a mining tenement who is not resident in Fiji, or, if a company, has its principal place of business outside Fiji, shall, by executing a power of attorney in Form 19, appoint, and shall at all times have resident in Fiji, an attorney with full powers to act on behalf of such holder in respect of all matters relating to such tenement.

*(Form 19)*

(2) A duplicate and a certified copy of every such power of attorney shall be lodged with the Registrar of titles and the certified copy shall be deposited with the Director, accompanied by the fee prescribed in the Second Schedule, and the Director shall cause particulars thereof to be entered in a book to be kept for that purpose and to be called the Register of Powers of Attorney.

*(Substituted by Legal Notice 135 of 1968.)*

(3) A power of attorney may be revoked by the donor at any time by the endorsement of the

words "his power of attorney is thereby revoked" on the original of such power of attorney with the date of such revocation, and such endorsement shall be signed by the donor and attested by a witness, and on presentation to him of the original so endorsed the Director shall cause a memorial to that effect to be entered in the Register of Powers of Attorney and shall cause a like memorandum to be entered on the copy of such power of attorney deposited with him.

*(Amended by Legal Notice 135 of 1968.)*

#### *Transfers and other dealings*

**87.**-(1) Applications for the approval of the Director to any transfer or other dealing with a mining tenement shall be made to the Director in Form 20 and shall be accompanied by the fee prescribed in the Second Schedule.

*(Form 20)*

(2) Every transfer of a mining tenement or any testate or interest therein shall be in Form 21 with such alterations as may be required to meet the circumstances of each particular case.

*(Form 21)*

#### *Surrender of mining tenements*

**88.** Notice of intention to surrender a mining tenement shall be in Form 22 with such alterations as may be required to meet the circumstances of each particular case, accompanied by the fee prescribed in the Second Schedule, and shall be submitted in duplicate to the Director not less than one month before the date upon which such surrender is intended to take effect.

*(Form 22)*

#### *Action to be taken on termination of mining tenement*

**89.**-(1) If a mining tenement expires or is cancelled, terminated, abandoned or surrendered, or if an application for a mining tenement is withdrawn, the holder or applicant, as the case may be, shall -

(a) remove all beacons marking out the land;

(b) fill up all directional trenches;

(c) fill up or render safe all holes made; and

(d) repair any other damage done to the surface of the land or pay compensation therefor in accordance with the provisions of section 40 of the Act.

(2) Within 30 days after expiry, cancellation, termination or abandonment of a mining tenement or within 30 days after giving notice of surrender of a mining tenement or withdrawal of an application for a mining tenement the holder or applicant as the case may be shall furnish to the Director a certificate in Form 23.

*(Form 23)*

(3) Before refunding any fees, rents, deposits or any other moneys due to the holder of or applicant for a mining tenement and before accepting a surrender or withdrawal of a mining tenement the Director shall satisfy himself that the provisions of paragraph (1) have been complied with and in the event of non-compliance therewith the Director may recover the cost of removal of beacons, filling up trenches and restoration of land from such holder or applicant.

*(Regulation amended by Regulations 31 January 1967.)*

*Filling up or securing excavations*

**90.**-(1) The following requirements, to the satisfaction of an inspector, shall apply to all excavations which any person is required under the provisions of the Act to fill up or secure in a permanent manner:-

- (a) all prospecting pits and trenches shall be filled up;
- (b) all shafts shall be filled up or shall be surrounded by dry stone walls or substantial fences of a height adequate to secure the safety of persons and livestock;
- (c) all steep faces in alluvial or detrital workings shall be broken down sufficiently to be safe;
- (d) all water furrows shall be filled up;
- (e) all steep faces in rock shall be surrounded by dry stone walls or substantial fences.

(2) If, upon the termination or abandonment for any reason whatsoever of a mining tenement, the holder is in default of payment of any rents, fees, royalties or other payments and continues in such default for a period of 30 days, it shall be lawful for the Director to sell some or all of the plan, buildings or other fixtures of the holder situated on the land the subject of the mining tenement and to deduct from the proceeds of any such sale all amounts remaining due and unpaid to the Director at the date of such sale together with all costs, charges and expenses incurred in such sale and thereafter to pay the remainder, if any, of the proceeds of such sale to such holder.

*Right to remove fixtures*

**91.**-(1) Upon the termination or abandonment for any reason whatsoever of a mining tenement the holder may, if he has paid all rents, fees, royalties and other payments required to be made by him under the provisions of the Act or these Regulations or under the terms of this tenement, at any time within 120 days after the date of such termination or abandonment, remove all of his plant, buildings or other fixtures thereon, but shall not remove or interfere with any timber in any mine.

(2) If any such plant, buildings or other fixtures are not removed within such time as aforesaid or within such extended time as the Director may allow, they shall be deemed to have been abandoned by such holder and to have become the property of the Government to be dealt with or disposed of in such manner as the Director thinks fit:

Provided that the provisions of this paragraph shall not apply in any case in which the holder



or any of the holders of such mining tenement is also the owner of the land upon which such plan, buildings or other fixtures are erected.

*Duplicate copies of documents lost or destroyed*

**92.** For the purposes of the issue of duplicate copies of lost or destroyed documents relating to any mining tenement the following provisions shall apply:-

(a) the application for the duplicate copy shall state the full particulars of the lost or destroyed document and shall be accompanied by a statutory declaration by the applicant stating the facts of the case to the best of his knowledge and belief;

(b) before issuing a duplicate copy the Director shall require the applicant to give at least 14 days' notice in the Gazette and in one newspaper published and circulating in Fiji of his application;

(c) the Director shall, if satisfied with the proof of the loss of a prospector's right, prospecting licence, permit, certificate, or other document not affecting a mining lease, special site right or road access licence, issue to the applicant a copy of such document;

(d) the copy shall be a true copy of the original and shall bear the following endorsement:-

"Duplicate copy, issued this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, in lieu of the original which has been lost (or destroyed).

Director of Mines";

(e) the applicant shall pay for each duplicated copy of any lost or destroyed document the fee prescribed in the Second Schedule.

*Certified true copies of documents*

**93.** An applicant for a certified true copy of any document filed with the Director shall state in his application the purpose for which such copy is required, and if satisfied that the applicant has a reasonable need for the certified copy, the Director shall, upon payment by the applicant of the fee prescribed in the Second Schedule, issue to such applicant a copy of such document which shall be a true copy of the original and shall bear the following endorsement:-

"Certified true copy, issued this ..... day of .....,19.....

Director of Mines".

*False representation*

**94.** Any person who, by any false representation, fraudulent concealment of fact or collusion, obtains any mining tenement or any interest therein whether by way of grant, transfer or otherwise, or who by any such means obtains exemption from any of the provisions of the Act or these Regulations shall be liable to forfeit this interest in such mining tenement.

**PART XI-SAFETY OF MINES**

*Division I-General*

*Interpretation*

**95.** In this Part, unless the context otherwise requires-

"adit" means an artificial pit or hole of an inclination not more than 3 degrees from the horizontal;

"braceman" means a person who is appointed by the manager to be stationed at the shaft top to supervise the loading and unloading of men and materials in a shaft conveyance and to give the necessary signals to the hoist driver and cageman;

"breaking load" means the breaking load as shown in the test certificate most recently issued for a rope;

"cageman" means a person appointed by the manager to have charge underground of a shaft conveyance and to give the necessary signals to the hoist driver and braceman;

"factor of safety" means the number of times the breaking load is greater than the total weight supported by a rope;

"length of lay" means the distance between the point where a strand in a rope commences a twist and the point where the strand completes that twist;

"magazine" means a magazine for the storage of explosives;

"manager", unless otherwise specified, means the person registered under the provisions of these Regulations as responsible for the control, management and direction of a mine or works, or failing such registration, the agent appointed under the provisions of section **14** or **15** of the Act, or failing such appointment the holder of the mining tenement within the boundaries of which mining or prospecting operations are being carried on;

"maximum allowable weight" means the maximum weight which may be supported by a rope without the factor of safety being reduced below the prescribed value;

"mine" except in regulations **104** and **105** includes prospecting operations;

"mine foreman" means the person in charge of the workings of a mine and acting under the direction of the manager;

"original test certificate" means a certificate issued by the manufacturer of a rope stating the following:-

(a) name and address of manufacturer;

(b) manufacturer's number;

(c) date of manufacture;

(d) diameter or circumference;

(e) length;

(f) number of strands;

(g) number of wires in each strand;

(h) type of construction;

(i) class of core;

(j) quality and strength of steel from which the rope is made;

(k) weight;

(l) breaking load;

"rope" means a wire rope or cable;

"serious injury" means bodily injury of such a nature as would entitle the injured person to compensation under the provisions of the Workmen's Compensation Act, whether or not such person is a workman as defined in that Act;

(Cap. 94.)

"shaft" means an artificial pit or hole of greater inclination than 3 degrees from the horizontal;  
"shaft conveyance" means a cage, skip, bucket, tank or carriage used for carrying men or materials in a shaft or winze;  
"shift "means any body of workmen whose time for beginning and ending work is the same or approximately the same;  
"shift boss" means any person in charge of a shift and acting under the direction of the manager or mine foreman;  
"steeply inclined" in connection with a shaft or winze or other underground excavation, means an inclination to the horizontal of more than 45 degrees;  
"stope" means a working in which a section or block of reef has been removed;  
"test certificate" means a certificate issued by a testing station stating the breaking load and the maximum extension of a rope after it has been tested;  
"testing station" means a rope testing station or laboratory approved by the Director;  
"water blast " means a continuous spray of water projected by means of compressed air;  
"winze" means an interior shaft.

*Copies of Regulations to be possessed and displayed*

**96.**-(1) Every holder of a mining tenement shall have in his possession a printed copy of this Part and, where any explosives are handled, stored or used thereon, of all regulations made under the provisions of the Explosives Act relating to the handling, storage and use of explosives, and he shall ensure that -  
(*Cap. 189.*)

(a) every manager, mill superintendent, opencast foreman, mine foreman and shift boss in his mine also has copies of such Regulations in his possession;  
(b) printed copies of such Regulations are kept in the mine office; and  
(c) abstracts of those portions of such Regulations directly concerning the men employed in the mine are posted up in suitable places where they can be conveniently read, and, whenever they become defaced, obliterated or destroyed, are renewed.

(2) No person shall pull down, injure, deface or destroy a notice posted up as required by the provisions of the Act or these Regulations.

*Employment of women, children and young persons*

**97.**-(1) No male person under the age of 14 years shall be employed in or about a mine, and no male person under the age of 16 years shall be employed underground in a mine or at the working face of any open cast workings except with the written permission of an inspector, which permission shall not be given unless such inspector is satisfied that such employment is carried out under a training programme approved by him and subject to such conditions as he may specify.

(2) No female person shall be employed at a mine except on the surface in a technical, clerical or domestic capacity or such other capacity as requires the exercise of normal feminine skill or dexterity but does not involve strenuous physical effort.

*Record of all employees to be kept*

**98.**-(1) A sufficient record shall be kept in the mine office of all persons employed in and about the mine.

(2) A satisfactory method of recording the persons underground shall be installed at the surface of every shaft and the shift boss shall not leave the mine until he is sure that every man working on his shift has reached the surface.

*Intoxicated and crippled persons and intoxicating liquor not allowed in or about a mine*

**99.**-(1) No person who is under the influence of alcohol, and no person who has any physical deformity which may render him incapable of taking care of himself or of men under his charge, shall be allowed to enter a mine or to be in proximity to any working place on the surface or near to any machinery in motion within any mining tenement; and any person who may have entered a mine or who may be found in any working place above or below ground when he is under the influence of alcohol may be arrested by the manager or a person authorised by the manager, and on such arrest shall be handed over to the police.

(2) No person shall take any intoxicating liquor into a mine or into any working place except with the special permission of the manager.

*Protection of safety appliances*

**100.** No person shall wilfully damage, or without proper authority use, remove or render useless, any timber or other support, fencing, covering, casing, lining, guide, means of signalling, rope, chain, flange, horn, brake, indicator, ladder, platform, steam gauge, water gauge, safety-valve, or other appliance or thing provided for the maintenance of safety in a mine.

*Duty of employees to satisfy themselves of safety of appliances and to report danger*

**101.** Every person employed in or about a mine shall use ordinary and reasonable precautions to ascertain that his working place and the tubs, buckets, chains, tackle, windlass, ropes or other appliances he uses are not unsafe and shall cease to use anything unsafe. Every such person shall forthwith report to the manager, mine foreman or shift boss if he sees anything likely to produce danger of any kind and on leaving work shall report to the man relieving him on the state of his working place.

*Division 2-Inspectors and Inspections*

*Powers of inspectors*

**102.**-(1) An inspector may in addition to the powers conferred upon him under the provisions of the Act -

- (a) initiate and conduct prosecutions against persons offending against the provisions of these Regulations;
- (b) appear at all inquiries in to mining accidents, and, if he thinks fit call and examine and cross-examine witnesses; and
- (c) exercise such other powers as are necessary for carrying the provisions of the Act or of these Regulations in to effect.

(2) Whenever an inspector has inspected a mine or any machinery he shall enter in the Record Book a report of the actual condition of the mine and machinery at the time of the inspection, and he shall also record what alterations or requirements he thinks are necessary.

(3) Nothing contained in or omitted from such report shall be held to limit or affect the responsibility imposed upon the holder or manager by the provisions of these Regulations.

*Obligations to remedy any dangerous practice, and procedure to be followed*

**103.**-(1) If, in the opinion of an inspector, any mine or any works, matter, thing or practice in or connected with prospecting or mining operations is dangerous or so defective that it may cause bodily injury to or be detrimental to the welfare or health of any person, or cause injury to livestock he shall give notice in writing thereof to the holder of the mining tenement or his agent or the manager of the mine and shall state in such notice the particulars in which he considers such mine, works, matter, thing or practice to be dangerous and shall require the same to be remedied, either forthwith or within such time as he may specify, and he may order work to be suspended until the danger is removed to his satisfaction.

(2) On receipt of such notice the holder or his agent or manager shall comply therewith, or, if he objects thereto, he shall immediately state his objection in writing to the Director and inform the inspector thereof and shall, if so ordered in such notice, cease to use the said mine, or part thereof, works, matter, thing or practice to which such notice refers, and shall withdraw all men from the danger indicated by the inspector until such time as the objection shall have been determined by the Director:

Provided that if, in the opinion of the inspector, it is safe to do so, he may allow work to proceed until the objection has been determined, subject to such restrictions and conditions to ensure safety as he shall consider necessary and shall specify in writing.

*Division 3-Managers and Accidents*

*Mine manager to be appointed for every mine*

**104.**-(1) No mining operations shall be carried out at any mine on any land the subject of a permit to mine, mining lease or special mining lease unless there is resident on such mining tenement, or sufficiently near thereto as to have effective supervision of such operations, a manager appointed under the provisions of this regulation as being responsible for the control and direction of all such operations, and the appointment of such person as such manager has been notified to the Director in accordance with the provisions of this regulation:

Provided that -

(a) with the consent of an inspector, where the operations carried out at any mine are so extensive as to render impractical the personal supervision by any one person of all mining operations carried out thereat, more than one manager may be appointed in respect of such mine, each of such managers being responsible for the control and direction of such of the operations carried out at such mine as may be approved by an inspector;

(b) no person shall without the consent of an inspector be appointed as the manager of, nor shall he manage, more than one mine unless-

(i) the total number of persons employed at all of the mines in respect of which he is appointed manager does not exceed 100; and

(ii) all of the workings in use at all of such mines are situated within a circle having a radius of less than 3 km;

(c) no person, except a person appointed as an acting manager under the provisions of paragraph (3), shall be appointed as the manager of, nor shall he manage, any mine or mines or any part thereof, other than any mill or workshop, at which more than 10 men are employed, or where explosives or machinery are used, unless he is the holder of a current Mine Manager's Certificate issued under the provisions of regulation **105**.

*(Amended by Legal Notice 95 of 1978.)*

(2) The appointment of every manager under the provisions of paragraph (1) shall be notified in writing to the Director within 14 days after such appointment and every such notice shall be signed by the holder of the mining tenement on which the mine in respect of which such appointment is made is situated, or his agent, or where such mine is being worked by a tributer, by such tributer, and in every case by the person so appointed.

(3) In any case where any manager appointed under, the provisions of this regulation is unable by reason of illness, absence from the mining tenement or of otherwise to perform his duties as such for any period in excess of 14 days, the holder of the mining tenement on which the mine in respect of which he is appointed is situated, or his agent, or the tributer, as the case may be, shall appoint an acting manager to perform the duties of such manager during the period of his illness, absence or other incapacity, and every such appointment shall be forthwith notified in writing to the Director:

Providing that no mine or any part thereof shall be under the charge of any acting manager for any period exceeding 28 days unless such acting manager is the holder of a current Mine Manager's Certificate.

(4) If any mining operations are carried out on any mining tenement in contravention of any of the provisions of paragraph (1) for any period in excess of 14 days, the holder and, in any case where the mine in respect of which such breach occurs is being worked by a tributer, such tributer shall be guilty of an offence and liable to a fine not exceeding \$100, and to a further fine not exceeding \$10 for every day, during which the offence continues.

(5) Any person who manages any mine in contravention of any of the provisions of this regulation, and any person who knowingly employs him in that capacity, shall be guilty of an offence and liable to a fine not exceeding \$100 and to a further fine not exceeding \$10 for every day during which the offence continues.

*Mine Manager's Certificate. Form 24*

**105.**-(1) Application for a Mine Manager's Certificate may be made to an inspector in Form 24 and shall be accompanied by the fee prescribed in the Second Schedule, and such inspector shall, if satisfied, on the information supplied in or enclosed with such application and after such written or oral examination of an applicant as he considers necessary, that such applicant:-

(a) is of good character;

(b) has attained the age of 23 years;

(c) has had not less than 3 years practical experience in mining;

(d) is fully conversant with the provisions of this Part and of all regulations made under the provisions of the Explosives Act, relating to the handling, storage and use of explosives;

*(Cap. 189.)*

(e) is proficient in rendering first aid to injured persons; and

(f) is otherwise a fit and proper person to hold such a certificate, issue such applicant with a Mine Manager's Certificate in Form 25, and shall enter, or cause to be entered, the full particulars thereof in a book, to be known as the "Register of Mine Manager's Certificates", to be kept at the office of the Mines Department in Suva.

*(Form 25)*

(2) A Mine Manager's Certificate shall, unless previously cancelled under the provisions of paragraph (3) remain in force for a period of 2 years from the date of issue thereof, and may, on application being made to an inspector, accompanied by the fee prescribed in the Second Schedule, and subject to the applicant undergoing to the satisfaction of such inspector such further written or oral examination as such inspector considers necessary and otherwise satisfying such inspector that he is a fit and proper person to hold such a certificate, be extended for further periods not exceeding 2 years on each occasion.

(3) If, at anytime during the currency of any Mine Manager's Certificate, the Director becomes satisfied that the holder thereof is not, by reason of incompetence or bad character or any serious breach of any of the provisions of this Part or of any regulations made under the provisions of the Explosives Act, relating to the handling, storage and use of explosives, a fit and proper person to hold such a certificate, the Director may cancel such certificate and such cancellation shall be sufficiently notified by written notice to that effect sent to the holder of such certificate at his last known place of address and by publication in the Gazette.

*(Cap. 189.)*

*Duties and responsibilities of manager*

**106.** Every manager shall be responsible for enforcing the observance of all the provisions of this Part and of all regulations made under the provisions of the Explosives Act, relating to the handling, storage and use of explosives, at the mine and works under his charge, and shall, immediately after the occurrence thereof, report in writing to the nearest inspector or the Director, any contravention of any of such provisions, committed at such mine or works, whether the person committing the same was employed at such mine or works or not.

*(Cap. 189.)*

*Responsibility for accident occurring with incompetent workmen*

**107.** Where an accident occurs at any mine or in any part thereof as a result of the incompetence or inexperience of any workman employed thereat, the manager of such mine or part thereof shall be held responsible for such accident unless he can prove that he took all proper precautions to prevent such an accident occurring.

*Manager shall provide for the safety and discipline of workmen*

**108.**-(1) Every manager of a mine or part thereof shall provide for the safety and proper discipline of the men employed at such mine or in the part thereof under his charge, and shall appoint such persons as may be necessary to ensure that the provisions of this Part and of all regulations made under the provisions of the Explosives Act relating to the handling, storage and use of explosives, are observed correctly.

*(Cap. 189.)*

(2) For the purpose of paragraph (1), the manager of a mine or any part thereof may make and publish special rules as to the general conduct of the work, the duties of particular persons and the exclusion of unauthorised persons from the mine or any of the works thereof.

*Manager or deputy to inspect and report*

**109.** Every manager, or his deputy approved by an inspector, shall, once in each week, carefully examine the mine and works under his charge, and shall record in writing, in the Record Book his opinion as to their condition and safety, and any repairs and alterations required to ensure greater safety to the persons employed therein.

*Holder responsible for refusing manager necessary means*

**110.** If the manager of any mine or any part thereof can prove that the necessary means for carrying out the provisions of these Regulations have been refused him by the holder of the mining tenement on which such mine is situated, or his agent, the holder of such mining tenement shall be liable for the consequences.

*Notice of accident to Director or inspector*

**111.** The manager of any mine or part thereof shall, with the least possible delay after the occurrence of an accident attended by loss of life or serious injury to any person in such mine or part thereof under his charge, give notice thereof by telephone or by telegram to an inspector or to the Director and forthwith confirm such notice in writing.

*Interference with place of accident*

**112.** The place where any accident attended by loss of life or serious injury has occurred shall



be left as it was at the time of the accident until the expiration of a least 3 days from the giving of the notice by telephone or by telegram or until the place has been inspected by an inspector or authorised officer, whichever shall be the earlier, unless compliance with the provisions of this regulation would end to increase or continue any danger in or seriously impede the operation of the mine.

#### *Inquiries into accidents*

**113.**-(1) In the event of any accident attended by loss of life or serious injury to any person occurring at any mine the Director may direct that an inquiry be held into such accident by a Board of Inquiry.

(2) A Board of Inquiry shall consist of a Chairman who shall be appointed by the Director and 2 assessors who shall wherever possible be persons having experience in mining and shall be appointed by the Chairman:

Provided that no person having any personal interest in, or who is employed in the management of, the mine at which the accident in respect of which the Board of inquiry is appointed occurred, shall be appointed to such Board of Inquiry.

(3) For the purpose of any inquiry held by a Board of Inquiry under the provisions of this regulation the Chairman shall have all of the powers of a magistrates' court of compelling the attendance of witnesses and the production and giving of evidence as well as of taking the evidence of witnesses on oath or affirmation.

(4) Any person who, having been summoned to appear before a Board of Inquiry fails to appear before the Board of Inquiry at the time and place appointed in such summons, or fails to produce any document in his possession, or having appeared before the Board of Inquiry refuses to take the oath or affirmation or to answer any questions put to him by the Board of Inquiry, shall be guilty of an offence and liable to a fine not exceeding \$50.

(5) On completion of an inquiry held under the provisions of this regulation the Board of Inquiry shall state its opinion on the cause of the accident the subject of such inquiry and forward such opinion in writing signed by the Chairman and the assessors to the Director.

#### *Notice of special occurrences*

**114.** Where, in or about any mine -

- (a) any accident involving any hoist, sheaves, hoisting rope, shaft conveyance, or any shaft or winze timbering;
- (b) any inrush of water from old workings or otherwise;
- (c) any failure of an underground dam or bulkhead;
- (d) any out break of fire below ground, or any out break of fire above ground if it endangers any structure of the mine or works;
- (e) any premature or unexpected explosion or ignition of explosives;
- (f) any inflammable or noxious gas in the mine workings; or
- (g) any unexpected and non-controlled extensive subsidence or caving-in of mine workings,

occurs, whether or not loss of life or serious injury is caused thereby, the manager shall, within the 24 hours next after such occurrence, send notice in writing to the Director or an inspector and shall furnish, upon request, such particulars in respect thereof as the Director or an inspector may require.

*Record Book*

**115.**-(1) At every mine there shall be kept a book to be known as the "Record Book" in which the managers shall record the following matters:-

- (a) the condition of the mine and all works thereof, on the occasion of this weekly inspection;
- (b) the name of his deputy for the purpose of regulation **109**;
- (c) particulars of any accident involving loss of life or serious injury to any person;
- (d) particulars of any special occurrence as described in regulation **114**;
- (e) particulars of any other occurrences affecting the safety of the mine or works or the safety, health or welfare of the men employed therein.

(2) The Record Book shall be kept at the mine office and shall be available for examination by an inspector at all times.

*Division 4-Surface Protection and Poisons*

*Fencing of surface subsidences or cavities*

**116.** Where mining operations have resulted in subsidences of or cavities on the surface of any mining tenement, or where such are likely to occur, the manager shall cause all such places to be securely fenced and conspicuous notice-boards to be erected in the immediate vicinity to warn persons of the existence of such subsidences and cavities.

*Prior permission of inspector required for certain excavations under the surface*

**117.** No excavations which are likely to result in subsidence of the surface shall be made under the surface area of any mining tenement except with the prior permission in writing of an inspector and subject to such conditions as he may consider necessary for the prevention of subsidence and the protection and safety of the surface.

*Loose material not permitted near unprotected edges*

**118.** No spoil, material, tools, implements or other loose articles of any kind shall be left or deposited or permitted to remain within 2 feet of the unprotected edge of any shaft, winze, stope or other opening in any mine.

*Protection of shafts not in use and opencast workings*

**119.** The mouth of every shaft or entrance to a mine which is out of use or used only as an air-way or as an ore pass and the edge of every opencast working shall be kept securely fenced or otherwise protected.

*Storage of poisons*

**120.**-(1) All mercury, cyanide and other poisonous substances used in any mining or milling process shall be stored in a separate compartment specially set aside for the storage of such poisonous substances, which compartment shall be kept locked and shall be under the charge of a responsible person duly authorised by the manager in that behalf.

(2) No person shall remove from a mine any mercury, cyanide or other poisonous substance without the prior written permission of the manager.

(3) Wherever possible cyanide drips shall be screened.

*Antidotes and washes*

**121.** At every mine or works where poisonous or dangerous compounds, solutions or gases are used or produced there shall be kept in a conspicuous place, as near to the same as is practicable, an adequate supply of antidotes and washes for the treatment of all injuries likely to be received from such compounds, solutions or gases. All such antidotes and washes shall be properly labelled with explicit directions for their use affixed to the boxes containing them.

*Provision of gloves*

**122.** Where persons are required to handle mercury or cyanide or substances containing mercury or cyanide, the manager shall provide free of charge an adequate supply of suitable rubber gloves for the use of such persons.

*Poisonous and injurious chemical solution precautions necessary*

**123.** All land on which water containing any poisonous or injurious chemical solution is stored shall be effectually fenced to prevent inadvertent access and notice-boards shall be erected in suitable places warning persons of the danger of making use of such water.

*Dust abatement*

**124.** Where quartz or any other substance is crushed or handled in a dry state, there shall be used such appliances as in the opinion of an inspector will effectually keep the air fresh and prevent the accumulation of dust.

*Construction of dams*

**125.** Every dam built for the purpose of impounding water or tailings shall be properly constructed in such manner as not to endanger life or limb or to cause damage to property and shall be provided with a satisfactory spillway.

*Drinking water*

**126.** An adequate supply of wholesome drinking water shall be provided a convenient places around every mill and assay office, and this supply shall be distinctly labelled "Drinking Water".

*Division 5-Opencast Workings*

*Undercutting*

**127.** In opencast workings no undercutting shall be allowed unless satisfactory support is provided for all material undercut.

*High vertical faces prohibited in alluvial and other workings unless securely timbered*

**128.** In opencast workings of alluvium, soil, soft rock, gravel, clay, tailings, slimes, ashes, debris or other weak ground, no vertical face, unless securely timbered, shall have a height of more than 2-5 m:

Provided that an unsupported face may be worked in terraces or at such angle of slope as may be determined by an inspector under the provisions of regulation **129**.

*(Amended by Legal Notice 95 of 1978.)*

*Angle of slope and height of face*

**129.** An inspector may determine from time to time the maximum height of face permitted and the angle of slope to be maintained on any opencast workings to ensure the safety thereof, and in such case shall give notice in writing to the manager of the maximum height of face permitted and the angle of slope to be maintained.

*Safety helmets*

**130.**-(1) Except when exempted in writing by an inspector, no person shall work in any opencast working more than 3 m deep or on stepped faces in rock, or in trenches more than 3 m deep unless he wears a safety helmet of a type approved by an inspector.

*(Amended by Legal Notice 95 of 1978.)*

(2) The manager shall not allow any person to work in any opencast workings unless the wears a safety helmet in accordance with the provisions of paragraph (1) or has been exempted by an inspector from the provisions thereof.

*Safety belts and lifelines*

**131.** All persons working on the face of any opencast workings in places where there is danger of their falling shall be provided with and use safety belts or lifelines of a pattern approved by an inspector:

Provided that notwithstanding the employment of lifelines an inspector may, where he deems it necessary for safety, require the use of safety belts in addition to lifelines.

*Division 6-Underground Workings*

*Fencing of entrances to shafts, winzes, etc.*

**132.** Every entrance to any vertical or steeply inclined shaft, winze, sump or chutes shall at all times be kept properly fenced by means of barriers or gates:

Provided that such barriers or gates may be temporarily removed for the purpose of repairs or other necessary operations, if proper precautions are taken to prevent danger to persons.

*Dangerous workings to be properly secured*

**133.** Where the ground is not naturally safe, every shaft and every travelling road, airway or working place, and all adits, levels, crosscuts, stopes, winzes and other underground passages in any mine shall be securely timbered, walled or otherwise made secure, and kept in safe condition so long as they are in actual use, and a sufficient supply of suitable timber shall be at hand for immediate use for the purpose of making the ground safe.

*Supporting roof and sides*

**134.**-(1) If an inspector considers that the system of props or pillars used for supporting the roof or sides of any underground working or passage in any mine is inadequate he may require the manager to change the system.

(2) Where a hanging wall in any mine is friable all props shall be provided with headboards or with caps between adjacent timbers.

*Safety helmets to be worn underground*

**135.**-(1) Except when exempted in writing by an inspector, no person shall travel or work underground in any mine unless he wears a safety helmet of a type approved by an inspector.

(2) The manager shall not allow any person to remain underground in any mine unless he wears a safety helmet in accordance with the provisions of paragraph (1) or has been exempted by an inspector from the provisions thereof.

*Safety belts and lifelines*

**136.**-(1) All persons working underground in any mine in places where there is danger of their falling shall be provided with and use safety belts or lifelines of a pattern approved by an inspector:

Provided that notwithstanding the employment of lifelines an inspector may, where he deems it necessary for safety, require the use of safety belts in addition to lifelines.

*Advance boreholes when approaching water or gas*

**137.** Where any place in any mine is likely to contain a dangerous accumulation of water or noxious gases, unless other measures have been authorised in writing by an inspector, any working approaching that place shall have boreholes kept at least 3 m in advance and such additional precautionary measures shall be taken as may be necessary to obviate the danger of a sudden influx of such water or gases.

*(Amended by Legal Notice 95 of 1978.)*

*Second outlet may be necessary*

**138.** Where underground workings in any mine are served by one outlet to the surface only, and an inspector considers that a second outlet is necessary, either for the safety of the men employed therein or for proper ventilation, he may require the manager to provide another such outlet within such reasonable time as such inspector may direct.

*Division 7 - Hoisting and Ropes*

*Capacity of hoist not to be exceeded*

**139.** No hoist used in any mine shall carry any weight greater than the maximum weight which the hoist is capable of handling as stated in the manufacturer's specification or as certified by a mine hoist design engineer approved by the Director.

*Adequate brakes required for hoists*

**140.**-(1) An adequate brake, in proper working order, shall be provided for every drum of a hoist used in any mine, which brake shall be so arranged that whether the hoist is in motion or at rest it can be easily and safely manipulated by the driver thereof.

(2) An inspector shall at all times have the power to order or conduct a test of the efficiency of all brakes on any hoist used in any mine.

(3) Lowering from an unclutched drum of a hoist used in any mine is prohibited.

*Connection between rope and conveyance*

**141.** The connection between the rope and shaft conveyance on every hoist used in any mine shall be of such a nature that no accidental disconnection can take place.

*Factor of safety*

**142.** No rope shall be used for winding in any shaft or winze if the factor of at any point in such rope becomes less than -

(a) 9.5 for men or 8 for materials, where the rope is used for winding for a distance of not more than 150 m;

(b) 8 for men or 7 for materials, where the rope is used for winding for a distance of more than 150 m but not more than 300 m;

(c) 7 for men or 6 for materials, where the rope is used for winding for a distance of more than 300 m but not more than 600 m;

(d) 6 for men or 5 for materials, where the rope is used for winding for a distance of more than 600 m.

*(Amended by Legal Notice 95 of 1978.)*

*Use of defective rope forbidden*

**143.** No rope shall be used for winding in any shaft or winze if-

(a) the breaking load of the rope is less than 90 per cent of the breaking load shown on the original test certificate;

(b) the number of broken wires in any section of the rope equalling a length of lay of such rope exceeds three; or

(c) marked corrosion has occurred to any portion of such rope.

*Rope test certificates*

**144.**-(1) No rope shall be used for winding in any shaft or winze in which men travel or are carried in a shaft conveyance, unless the original test certificate for such rope has been forwarded to an inspector, and at intervals of 6 months, commencing from the date of its first installation, the rope is tested at a testing station and the test certificate forwarded to an inspector.

(2) An inspector may by notice in writing to the manager of any mine or to the holder of the mining tenement on which such mine is situated require him to have tested for breaking load any rope in use for winding in any shaft or winze in such mine, and every such manager or

holder, as the case may be, shall within one month of the receipt of such notice have such rope tested at a testing station and forthwith thereafter forward the test certificate to the inspector.

#### *Use of chains*

**145.** No chain shall be used for carrying men in any shaft or winze except for short chains used to couple the shaft conveyance to the rope, in which cases 2 single link chains of uniform size shall be used, which chains shall each have a breaking load not less than 8 times the weight of the load upon them, and all such chains shall be removed and annealed at least once in every 6 months.

#### *Guides for conveyances in shafts*

**146.** Subject to any written exemption granted by an inspector, all vertical shafts exceeding 30 m in depth shall be provided with guides for the shaft conveyance, which guides shall be extended as near to the shaft bottom as practicable.

*(Amended by Legal Notice 95 of 1978.)*

#### *Winding prohibited during repairs*

**147.** Except to the extent necessary for such repairs, no winding shall be carried on in any shaft or winze whilst repairs are being carried out in the winding compartment.

#### *Materials forbidden in conveyances together with men*

**148.** No truck, iron, timber, tools (other than tools of trade carried in closed receptacles) or other materials shall, except when the shaft is being repaired, be carried in any shaft conveyance in which men are also being carried.

#### *Securing materials during winding*

**149.** When tools, wood or other materials are to be carried in any shaft conveyance, the ends, if projecting above the top of the conveyance, shall be securely fastened to the rope or the bow.

#### *Shaft signals required*

**150.** (1) Every shaft or winze exceeding 30 m in depth which is used for winding by mechanical power shall have an efficient means of signalling whereby men engaged in sinking or in shaft inspections or repairs may signal effectively from any depth in the shaft to the hoist driver and shall be equipped with some efficient means of interchanging distinct and definite signals between the hoistroom, the surface and all shaft stations in use.



*(Amended by Legal Notice 95 of 1978.)*

(2) Only persons duly authorised by the manager or mine foreman may give any signal, other than the accident signal.

*Code of signals*

**151.**-(1) In winding, the following signals shall be used:-

*Knocks or rings*

1-Raise, when hoist is at rest;

1-Stop, when hoist is in motion;

2-Lower;

3-Change gear;

4-Men about to enter or leave a shaft conveyance;

4-In reply, men may enter or leave a shaft conveyance;

5-Danger signal;

6-Caution, move slowly;

8-All clear;

12-Accident signal - followed by the signal for the level on which the accident has occurred.

(2) After the danger signal has been given, if it should be necessary to move the shaft conveyance in order to remove the danger, all movements of the hoist shall be made slowly and carefully until the all clear signal has been given.

(3) Where men are about to enter or leave a shaft conveyance the braceman or cageman shall not open the gate until he has received the reply signal from the hoist driver.

(4) The hoist driver shall in every case, except for the "Stop" signal, ring back before acting on any signal.

(5) The hoist driver shall not act on any signal if he is not sure of its meaning or if he has been unable to do so within 60 seconds after receiving it but shall await a fresh signal.

*Special signals*

**152.** Special signals in addition to the above may be used at any mine provided that they are easily distinguishable by their sound or otherwise from the foregoing code and do not interfere with it in any way.

*Code of signals to be posted*

**153.** The code of signals used at a mine shall be painted on a board or enamelled plate, in the form of a distinctly legible notice in English, Fijian and Hindustani, and shall be posted up in the hoistroom, at the surface, and at all shaft stations in use.

*Appointment of hoist drivers*

**154.**-(1) No person under the age of 18 years shall be permitted to have charge of a hoist of any kind.

(2) No person shall have charge of a hoist which is used for carrying men or is used in a shaft in which men may be travelling unless he holds a Hoist Driver's Certificate issued by an inspector under the provisions of regulation **155**.

(3) On the appointment of any person as a hoist driver at any mine the manager shall make a written entry of such appointment in the hoist log book.

*Hoist Driver's Certificate. Form 26*

**155.**-(1) Application for a Hoist Driver's Certificate may be made to an inspector in Form 26 and shall be accompanied by the fee prescribed in the Second Schedule together with a medical certificate by a registered medical practitioner or Government medical officer to the effect that the applicant is physically fit to carry out the duties of a hoist driver, and such inspector shall, if satisfied after such written or oral examination of the applicant as he considers necessary, that such applicant -

(a) has attained the age of 21 years;

(b) has had adequate experience in the operation of a re-reversing hoist; and

(c) is fully conversant with the provisions of this Division of this Part, issue such applicant with a Hoist Driver's Certificate in Form 27 and shall enter, or cause to be entered, the full particulars thereof in a book to be known as the "Register of Hoist Driver's Certificates", to be kept at the office of the Mines Department in Suva.

*(Form 27)*

(2) A Hoist Driver's Certificate shall, unless previously suspended under the provisions of paragraph (3) or cancelled under the provisions of paragraph (4), remain in force for a period of 2 years from the date of issue thereof, and may, on application being made to an inspector, accompanied by the fee prescribed in the Second Schedule together with a medical certificate by a registered medical practitioner or Government medical officer to the effect that the applicant is physically fit to carry out the duties of a hoist driver, and subject to the applicant undergoing to the satisfaction of such inspector such further written or oral examination as the inspector considers necessary, be extended for further periods not exceeding 2 years on each occasion.

(3) At any time during the currency of any Hoist Driver's Certificate any Hoist Certificate an inspector may require the holder of such certificate to undergo such further medical examination as such inspector may consider necessary or advisable and may suspend any such certificate until satisfied on the certificate of a registered medical practitioner or Government medical officer that the holder of such Hoist Driver's Certificate is physically fit to carry out the duties of a hoist driver.

(4) If, at any time during the currency of any Hoist Driver's Certificate, the Director becomes

satisfied that the holder thereof is not, by reason of physical or mental infirmity or incompetence, a fit and proper person to hold such certificate the Director may cancel the same and such cancellation shall be sufficiently notified by written notice to that effect being sent to the holder of such certificate at his last known place of address and by publication in the Gazette.

*Hours during which hoist drivers to be on duty*

**156.**-(1) A hoist driver shall be on duty at every hoist during the whole time that any person who is expected to be carried by such hoist is underground in the mine.

(2) Save in exceptional circumstances or where it is necessary by virtue of a normal change of shift no hoist driver engaged in winding men shall be employed for more than one shift in 24 hours and no such shift shall exceed 8½ hours.

*Permission required to use hoist for carrying persons*

**157.**-(1) No hoist shall be used for carrying persons without the permission in writing of an inspector. Every such permit shall state the maximum number of persons that may be carried by such hoist at any one time and the maximum speed of winding, and under no circumstances shall the speed of winding or the number of persons carried in any hoist be in excess of that specified in such permit. A notice specifying the maximum number of persons that may be carried by such hoist at one time shall be posted at all places where the code of signals is posted.

(2) Permission shall not be granted under the provisions of paragraph (1) unless all of the applicable provisions of this Division of this Part have been complied with, and every such permit shall be subject to the following additional conditions:-

(a) by actual test it shall be proved to the satisfaction of the inspector that -

(i) the hoist running at various speeds with light and heavy loads can be readily retarded and stopped, and after stopping can be immediately started again in either direction;

(ii) each drum, unclutched from the hoist, can be maintained, by the unaided effort of its own brake or brakes, in a position of rest without slipping when bearing double the authorised load of the shaft conveyance. (In estimating the authorised load 75 kg weight shall be allotted for each person);

(iii) in the case of a hoist where no part of the rope is rigidly fixed to the drum, there shall be no slipping of the rope on the drum under any possible working condition;

(b) the shaft conveyance may travel 7.5 m past its highest and lowest passenger landing places without striking any obstruction;

(c) the ropes shall be made of steel of the best quality and manufacture, free from any defect and the wires used in the construction of the ropes shall be of sizes suitable for use with the sheaves and drums fitted, and at least one spare rope shall always be kept in reserve ready for use;

(d) ropes newly put on, and the connections between the rope and the shaft conveyance, shall be carefully examined and properly tested as to their working strength by a competent person authorised by the manager, and shall be used for carrying persons only after having run 2 complete trips up and down the working portion of the shaft with the shaft conveyance loaded

to the full authorised extent (the result of the above examination shall be immediately recorded in the hoist log book);

(e) shaft conveyances, except buckets used in shaft sinking, shall have a proper roof or cover and shall have proper safety catches;

(f) the weight of the shaft conveyance and the weight of all attachments shall be certified by the maker and shown on the shaft conveyance in such a position that it may be readily accessible for reading;

(g) there shall be on the drum of the hoist such flanges or horns, and also, if the drum is conical or spiral, such other appliances as may be sufficient to prevent the rope from slipping laterally;

(h) there shall be not less than 3 rounds of rope upon the drum when the shaft conveyance is at the lowest point of the shaft; and when this is applicable, the end of the rope shall be properly fastened round an arm or the shaft of the drum;

(i) if considered necessary by an inspector, every such hoist shall be provided with a reliable depth indicator in addition to any marks on the rope, which will, in shafts exceeding 90 m in depth, ring a bell in the hoist room when the conveyance is 18 m from the top landing place;

(j) a reliable speed indicator shall be attached to the hoist if considered necessary by an inspector;

(k) a suitable automatic device to prevent overwinding of the shaft conveyance shall be fitted: Provided that, if the hoist cannot be fitted with such an automatic device, the shaft conveyance, when persons are being carried, shall not travel at a speed exceeding 60 m per minute when the shaft conveyance is within 30 m of the surface or bottom, nor 150 m per minute in any other part of the shaft.

*(Amended by Legal Notice 95 of 1978.)*

#### *Automatic brakes*

**158.** All electrically driven hoists which are used for carrying persons shall be fitted with mechanically operated brakes which shall be so installed that -

(a) the brakes shall, on failure of the power supply, be applied automatically by mechanical means, preferably gravity, and shall in no case be operated by an auxiliary electric current;

(b) in case of a heavy overload, such as would be caused by the shaft conveyance leaving the rails or becoming jammed in the shaft, a circuit breaker will cut off the power and thus apply the brakes automatically;

(c) a suitable overwind device, which can be set to engage the shaft conveyance at any point in the headframe, will cut off the power in case of an overwind past this point, and thus apply the brakes automatically:

Provided that with the consent of an inspector some other form of satisfactory and dependable overwind device may be fitted in lieu thereof.

#### *Conditions to be observed where carrying persons is permitted*

**159.** Where the use of a hoist for carrying persons is permitted, the following conditions shall be observed:-

(a) a competent person, authorised by the manager, and whose name is registered in the hoist log book shall carefully examine-

- (i) at least once a day, the aerial gear, the rope and its connections to the shaft conveyance and to the drum, the brakes, overwind devices, depth indicators, the shaft conveyance and its safety catches, the sheaves and every external part of the hoist upon the proper working of which safety depends;
- (ii) at least once a week, the guides or rails and the winding compartments generally, the signalling apparatus and the external parts of the hoist;
- (iii) at least once a month, the structure of the rope for the purpose of discovering the amount of deterioration (for the purpose of this examination the rope must be carefully cleaned at the connections and at intervals along its length);
- (iv) at least once a month, the operating efficiency of the safety catches. For this purpose a drop test shall be conducted on all shaft conveyances;
- (v) at least once a year, the hoist as to the working condition of the internal parts;
- (b) a report of the result of every such examination shall be recorded without delay in the hoist log book and shall be signed by the person who made the inspection, and should, as a result of such examination, any weakness or defect be discovered, the weakness or defect shall be reported immediately to the manager and remedied, and no person shall be carried by the hoist until the defect is made good;
- (c) special instructions shall be issued by the manager forbidding access to knocker lines to any persons other than those in charge of them, and care shall be taken to guard against the knocker lines being accidentally put into operation;
- (d) no person shall be carried or order or permit any other person to be carried on the top of a cage or on the side, bow, rim, bail or carriage of any cage, skip, bucket, truck or other shaft conveyance, or on the top of a loaded, or in a partially loaded, skip, bucket, truck or other similar conveyance:  
 Provided that men engaged in sinking operations or shaft repairs or a shaft examination may ride on the top of an unloaded or partially loaded cage, skip or bucket if this is necessary for their duties;
- (e) no person travelling in a shaft conveyance shall change his position therein whilst the conveyance is in motion;
- (f) after any stoppage of winding for repairs or for any other purpose exceeding 2 hours' duration each shaft conveyance, before any person is carried therein, shall be run at least one complete rip up and down the working portion of the shaft with a view to ensuring that every thing is in good working order;
- (g) when persons are carried the hoist driver shall take care that shocks in starting, running and stopping are avoided and that the shaft conveyance is brought gently to rest at landing places;
- (h) no person shall speak to or in any way distract the attention of the hoist driver whilst the hoist is in motion.

*Protection at mouth of shaft during sinking*

**160.** The mouth of every shaft in the course of sinking shall be protected by doors fixed below the head gear in such a position as will prevent material falling down the shaft, or every such shaft shall be provided with a trolley to run over the shaft's mouth and receive the load when brought to the surface. Such trolley shall be large enough to cover the opening at the shaft top.

*Blasting signals in shaft sinking*

**161.**-(1) Where a hoist is used in the course of shaft sinking, the manager shall see that the hoist driver is notified of a pre-arranged signal indicating that blasting is about to take place.

(2) On receipt of such pre-arranged signal, the hoist driver shall raise the bucket not less than 3 m and lower it again as an acknowledgement that he is ready to act immediately on the receipt of the final signal to raise the men employed in blasting.

*(Amended by Legal Notice 95 of 1978.)*

*Filling of bucket*

**162.** In shaft sinking the bucket or other receptacle shall not be filled above the level of the brim; and before it leaves the top or bottom of the shaft or winze, it shall be steadied by one of the men at the top or bottom, as the case may be.

*Bucket to be stopped before reaching bottom*

**163.** The bucket or other receptacle shall not be directly lowered to the bottom of the shaft when men are there present, but shall be stopped at least 4.5 m above the bottom until the signal to lower further has been given by one of the men at the bottom.

*(Amended by Legal Notice 95 of 1978.)*

*Protection of workmen in shaft sinking*

**164.**-(1) In shaft sinking where there is no separate ladder way under which the men may find shelter during the winding of rock, materials or water, sufficient protection shall be provided by a suitable covering.

(2) Whilst winding, other than for the purposes of shaft sinking, is going on, men employed at the bottom of the shaft shall be securely protected by a cover of overhead.

*Safety measures in the case of underground tramways*

**165.**-(1) In all underground tramways where men are allowed to travel, places of refuge (manholes) to give at least 600 mm clearance between the moving trucks and the wall shall be provided at intervals of not more than 15 m and every such place of refuge shall be kept clear at all times.

*(Amended by Legal Notice 95 of 1978.)*

(2) Where the track of an underground tramway is inclined at more than 4 degrees but not more than 14½ degrees and the trucks are attached to a moving rope, the track and equipment shall be known as an "inclined haulage" and the following special conditions shall apply:-

- (a) the haulage mechanism shall be fitted with efficient and satisfactory braking devices;
- (b) the tracks shall be fitted with satisfactory runaway rip devices;
- (c) the opening through which the haulage travels shall not be used as a travelling way for men;
- (d) there shall be provided adequate protection from trucks running out of control for men working at or operating such inclined haulage;
- (e) the trucks shall be attached to the rope by a device approved by an inspector.

#### *Hoist log books*

**166.**-(1) At every hoist room there shall be kept a hoist log book in which shall be entered the following particulars:-

- (a) the names of all persons authorised to drive the hoist;
- (b) the name of a competent person authorised to carry out the examinations referred to in regulation **159**;
- (c) a daily report by each hoist driver on the condition and operation of the hoist;
- (d) a report of the fitting or refitting of the rope and the result of the test run carried out thereafter;
- (e) reports of the daily, weekly, monthly and yearly inspections;
- (f) reports of drop tests carried out on the shaft conveyances;
- (g) reports of all stoppages exceeding 2 hours duration, the reason therefore and the result of the test run conducted thereafter; and
- (h) a report of any other matter affecting the safe operation of the hoist or the safety of persons carried by it.

(2) The hoist log book shall be available for examination by an inspector at all times.

#### *Division 8-Travelling-ways and Ladderways*

##### *Ladders and ways of exit*

**167.** Every manager of any mine shall provide and maintain to the satisfaction of an inspector, such ladder or other ways at such mine as will furnish effectual means of exit from all underground workings without the assistance of the hoist.

##### *Permanent Ladderways*

**168.** At every mine where a shaft affords the regular means of ingress and egress such shaft shall be fitted with a proper and permanent ladderway approved by an inspector.

##### *Travelling-ways in shafts to be partitioned or securely fenced*

**169.** In all vertical or steeply inclined shafts where any compartment is used regularly as a foot travelling-way it shall be securely partitioned from the other compartments, and in all

other shafts all foot travelling-ways shall be adequately trailed so as to prevent any person from falling into the winding compartment:

Provided that when a shaft is in course of sinking no partition shall be required to be installed between the lowest working level and the shaft bottom.

*Platforms to be provided in ladderways*

**170.** In permanent ladderways which have an inclination of more than 70 degrees from the horizontal and which form a main means of exit from the workings or a permanent travelling-way between levels, platforms (resting places) shall be fixed at intervals of not more than 9m apart.

*(Amended by Legal Notice 95 of 1978.)*

*Construction of mine ladders*

**171.** Every ladder used in any mine shall be-

(a) of strong construction and, with the exception of any chain ladders used in any rise or required to be used at the bottom of any ladderway under the provisions of regulation **174**, the staves shall be bolted together at not less than 2 places and the distance between the centres of the rungs shall be not greater than 300 mm nor less than 250 mm;

Provided that, in the case of small mines, an inspector may give written permission for the use of ladders with rungs set in notches in the staves and nailed to the staves, subject to such conditions as he may think fit;

(b) securely fastened to the timbering or walls of the shaft, winze or stope, but, except in the case of a chain ladder, so that in no case is any rung closer than 100 mm to the wall or to any timber underneath the ladder.

*(Amended by Legal Notice 95 of 1978.)*

*Fixing of ladders*

**172.**-(1) Every ladder used in any mine shall be so fixed that it covers any lower manhole:

Provided that this shall not apply to ladders installed in exploratory winzes or in manways in stopes where the width is not sufficient to allow ladders to be fixed at a slope sufficient to cover any lower manhole.

(2) No ladder in use in any mine may be fixed in an overhanging position.

(3) Every ladder used in any shaft or winze shall project at least 0.9 m above the collar of the shaft or winze and above every platform therein, except where strong handrails are fixed at such places.

*(Amended by Legal Notice 95 of 1978.)*



*Carrying tools, etc., in ladderway prohibited*

**173.** No tools or any loose materials may be carried up or down any ladderway in any vertical or steeply inclined shaft or winze except where absolutely necessary for the normal operations of the mine or for the purpose of rendering aid to injured persons or rendering safe any danger.

*Ladders in shaft sinking*

**174.** Where a shaft is in course of sinking the fixed ladderway shall finish sufficiently far from the shaft bottom to be secure from damage from blasting, and a chain ladder shall extend from the lower end of such ladderway to the bottom of the shaft at all times while men are at the bottom.

*Division 9-Ventilation and lighting*

*Underground working to be properly ventilated*

**175.** All parts of every underground working in any mine shall be properly and sufficiently ventilated to the satisfaction of an inspector.

*Disused workings to be examined before being again used*

**176.** Underground workings, especially shafts, sumps and winzes, which have not been in use for more than 7 days, shall be tested with a candle flame which shall burn strongly therein before they are used again, in order to ascertain whether or not any foul air or other dangerous gases have accumulated therein, and, until such places have been so tested and are found free of foul air or other dangerous gases, no person other than the person carrying out such test shall be allowed to enter therein.

*Working in foul air forbidden*

**177.** No person shall work or remain, or be permitted or ordered to work or remain, in any place in a mine if any foul air or other dangerous gases are perceptible by sight, smell or other senses.

*Water blast to be provided in certain circumstances*

**178.** Where an inspector considers it to be necessary for the abatement of dust, a water blast shall be provided at all such working places in any mine as he may specify.

*Machine drilling*

**179.**-(1) Except in the case of popping, no dry machine drilling shall be carried out either at the surface of, or underground in, any mine without the written permission of an inspector.

(2) Auxiliary ventilation equipment shall be provided and shall be used in all development ends where machine drilling is carried out.

*Adequate stationary lights to be provided*

**180.** Adequate stationary lights shall be provided during working hours at all shaft stations in use in any mine and a light at all working places on the surface of any mine.

*Machinery to be illuminated*

**181.** All places where winding, driving, pumping or other machinery is erected, and in proximity to which persons are working or moving about at any mine, shall be so lighted that whilst such machinery is in operation its external moving parts can be clearly distinguished.

*Moving without a light prohibited*

**182.** No person shall move about or work in any unilluminated part of a mine without a light.

*Division 10-Machinery*

*Boilers, etc., to be in good condition*

**183.** All boilers, engines, brakes, ropes, winding gear and other mechanical appliances in use at any mine shall be kept in good condition and repair.

*Exposed machinery to be fenced*

**184.** All exposed machinery at any mine, which when in operation may be dangerous to persons, shall be securely fenced so that no person can inadvertently come into contact with it, and efficient guards shall be provided to the satisfaction of an inspector to all such parts of any such machinery as may in his opinion be a source of possible danger to any person.

*Loose clothing*

**185.** No person wearing any loose outer clothing shall be employed in the operation of, or permitted to work in the vicinity of, any machinery whilst such machinery is in operation.

*No repairing, oiling, etc., to be done under risk*

**186.**-(1) The repairing, adjusting, cleaning or lubricating of machinery shall not be carried out whilst such machinery is in operation where there is any risk of personal injury to any person.

(2) All machinery requiring to be lubricated whilst in operation shall wherever practicable be fitted with automatic lubricating devices.

*Friction clutches or similar contrivances to be provided*

**187.**-(1) Belt-driven machinery, which it is necessary to start or stop without interfering with the speed of the prime mover, shall be permanently fitted with a satisfactory mechanical appliance for that purpose.

(2) With the exception of the customary shifting of light belts on the coned pulleys of machine tools for the purpose of altering the working speed, the shipping and unshipping of driving belts shall not be carried out without the use of a belt shipper whilst the machinery is in operation.

*Gauges and safety valves*

**188.** All vessels, other than portable gas cylinders, used at any mine for receiving or storing air or gas at a higher pressure than that of the atmosphere shall be fitted with-

(a) a gauge or other device for showing accurately at all times the pressure of the air or gas contained in such vessel;

(b) a relief or safety valve or other device capable of preventing any undue accumulation of pressure above the safe working limit of the vessel.

*Compressed air receivers to be tested*

**189.** Every manager shall ensure that all compressed air receivers used in any mine or part thereof under his charge are tested at intervals not exceeding 3 years by hydraulic pressure to the extent of one and one-third times the working pressure, and shall keep a written record of such tests, signed by the person conducting them, and shall submit all such records for inspection by an inspector.

*Use of compressed air apparatus*

**190.**-(1) All compressed air receivers and intercoolers, and their connections to air cylinders, shall be kept clean and free from carbonized oil or other material liable to ignition.

(2) The supply of air for air-compressors shall be drawn from as pure and cool a source as possible.

*Dangerous places to be fenced*

**191.** All places in and about a mine which from their nature are likely to be dangerous to persons working or travelling about the mine shall be properly fenced and in particular all elevated platforms and gangways shall be so fenced.

*No admittance permitted to places where machinery or boilers are housed*

**192.** No unauthorised person shall be permitted to enter any place in the vicinity of machinery or boilers at any mine, and notices to this effect shall be posted at all entrances to the places where such machinery or boilers are housed.

*Division 11 - Explosives*

*Explosives Regulations to apply with certain modifications*

**193.** Subject to the following provisions of this Division of this Part, the Explosives Regulations made under the provisions of the Explosives Act shall apply to all mining operations.

*(Cap. 189.)*

*Distributing magazine*

**194.**-(1) Notwithstanding the provisions of the Explosives Regulations, a quantity of explosive not exceeding that which is reasonably sufficient for use during the following 6 consecutive days may be stored in a distributing magazine in any mine or any part thereof for distribution to the workings:

Provided that the manager shall, before using a distributing magazine, notify an inspector of the place of storage, the period during which it is to be used for this purpose, the type and quantity of explosive to be stored therein and any other information relating to such distributing magazine that may be required by the inspector, and shall obtain the inspector's permission before using such distributing magazine for the storage of explosive.

(2) A distributing magazine may be-

(a) a drive, tunnel or other excavation. The passage connecting such distributing magazine with the workings or travelling-ways shall describe in its course at least one right angle, and such distributing magazine shall be situated not less than 9 m away from any working place or travelling-way. If, in the opinion of an inspector, owing to the nature of the country and the quantity of explosives to be stored this distance is too short, it shall be increased to such distance as the inspector shall specify; or

(b) where the quantity of explosives to be stored does not exceed 45 kg of dynamite or 100 detonators, a stout wooden box with sides, bottom and top at least 50 mm thick and with the cover acting as a door, which box shall be kept closed and securely locked, and shall be securely fastened in place.

*(Amended by Legal Notice 95 of 1978.)*

(3) No explosive shall be stored in a distributing magazine unless it shall have been issued from a licensed magazine at the mine and conveyed directly from such magazine to the distributing magazine.

(4) Where the location and structure of a distributing magazine is such that unauthorised entry might be possible, the contents shall be removed from the magazine when the workmen leave the vicinity.

*Restriction on transport of explosives in shaft conveyances*

**195.**-(1) No person shall place in, or take out of, any shaft conveyance, any explosive except under the immediate supervision of a person authorised by the manager, mine foreman or shift boss for that purpose.

(2) Before any explosive is carried in any shaft conveyance, the person in charge of such operation shall give, or cause to be given, notice thereof to the person or persons in charge of the cage and to the hoist driver.

(3) No other materials shall be carried with any explosive in any shaft conveyance.

*Division 12-Electrical Apparatus and Wiring*

*Surface installations*

**96.** -(1) The installation of electrical apparatus and wiring and the use of electricity on the surface of any mine shall be in accordance with the provisions of any Act for the time being in force relating to the supply and use of electricity.

(2) An inspector may examine any such installation at any time and if any apparatus or wiring appears to be defective he shall report thereon to the appropriate authority.

*Underground installations*

**197.** Subject to the provisions of the following regulations contained in this Division of this Part, all regulations which apply to the installation of electrical apparatus and wiring and the use of electricity on the surface of any mine shall apply also to the installation of electrical apparatus and the use of electricity under ground in any mine.

*Control of underground feeders*

**198.** Where electrical energy is taken underground, provision shall be made so that the current can be cut off on the surface by a control device which shall operate automatically to prevent the transmission of excess current and which shall have an operating current rating not in excess of the current rating of the feeder which it controls. Every such control device shall be

located in a position accessible only to authorised persons and, if not located in a supply station, shall be in a separate room or screened-off enclosure.

*Test certificate necessary*

**199.** All cables installed for the transmission of power underground at a potential in excess of 660 volts shall be accompanied by the manufacturer's certified report of insulation tests, a copy of which shall be kept by the manager.

*Rating of underground cables and control devices*

**200.**-(1) All cables transmitting power underground at a potential exceeding 660 volts shall have a voltage rating of 50 per cent higher than the normal operating voltage.

(2) All control devices designed to afford short-circuit protection on underground circuits of a potential exceeding 660 volts shall have a voltage rating of 50 per cent higher than the normal operating voltage.

*Voltage of signal systems*

**201.** The operating voltage of all underground signal systems shall not exceed 150 volts to earth. One conductor of the two-wire signal circuit shall be grounded where the power supply is obtained from a transformer having a primary voltage in excess of 660 volts:

Provided that the signal system may be operated with both conductors ungrounded where the supply is from a transformer having a primary voltage in excess of 660 volts, if an insulating transformer having a one-to-one ratio is installed between the supply and the signal system.

*Power conductors*

**202.**-(1) Conductors for all underground circuits not exceeding 150 volts to earth shall either be installed in standard conduits or armoured or non-inflammable casings, or securely tied to suitable insulators so that they do not touch any timbering or metal. On no account shall staples be used. Open-type wiring shall not be used in timbered shafts or winzes except in cases of extreme emergency.

(2) All fixed conductors transmitting power underground in excess of 150 volts to earth shall be armoured or enclosed in standard conduit and substantially supported.

*Earthing of casings*

**203.** The armouring or casings of all underground cables shall be bonded together so as to be electrically continuous and shall be connected at some point or points to a satisfactory earth on the surface.

### *Earthing of equipment*

**204.** Where the armouring or casings of cables do not provide an adequate earthing system for underground electrical equipment, a copper or other non-corrosive grounding conduct or of adequate size shall be run from such equipment to a satisfactory earth on the surface.

### *Room or junction box*

**205.** At all underground stations where any cable transmitting power at a potential exceeding 660 volts leaves any shaft, a room or junction box shall be provided into which such cable shall be run.

### *Junction or joint boxes*

**206.** Junction boxes on any cable transmitting power at a potential exceeding 660 volts shall not be located in any shaft or winze or attached to any timbers at a shaft or winze station or in a headframe, and all join boxes for cable extension in a shaft or winze shall be of a type approved by an inspector.

### *Fire prevention about electrical installations*

**207.** The bases of electric motors, transformers, starting equipment and other electrical apparatus underground, and the compartments in which they are installed, shall be of such material and constructed in such manner as to reduce fire hazards to a minimum, and no inflammable material shall be stored or placed in the same compartment with any such equipment or apparatus.

### *Fire protection*

**208.** Approved fire extinguishing devices for use on electrical fires shall be provided conveniently mounted at or in every place underground containing electrical apparatus having inflammable insulation or parts which, once ignited, can support combustion, and shall be maintained at all times in good condition and ready for use.

### *Transformers, type and location*

**209.** The type and location of transformers installed underground shall be subject to the approval of an inspector.

### *Transformers and transformer rooms*

**210.**-(1) All transformers having a capacity of more than two kilowatts shall, unless a dry type or insulated with non-inflammable di-electric liquids, when installed underground be

effectively isolated from the mine workings by enclosure in rooms constructed of fireproof materials throughout with a door sill of not less than 150 mm in height.

*(Amended by Legal Notice 95 of 1978.)*

(2) No material or equipment of any kind, including air lines, air ducts, water or steam lines, other than that essential to the transformer installation or its proper operation and safety, shall pass through or terminate within any such room.

(3) No underground transformer station shall be located within 30 m of any explosive storage.

*(Amended by Legal Notice 95 of 1978.)*

#### *Protection of signal and telephone wires*

**211.** Adequate precautions shall be taken to prevent any underground electrical signal or telephone wires, whether insulated or not, from coming into contact with other electrical conductors.

#### *Division 13-Miscellaneous*

##### *First aid kit*

**212.** At every mine and at every part of a mine under the charge of a separate manager and at every place where mining or prospecting operations are in progress (including operations being carried out under any prospector's right or prospecting licence), there shall be immediately available for use such quantity of first aid equipment as is prescribed in the Schedule to the Employment Regulations, for the number of persons employed in such mine or part thereof or in such prospecting operations.

##### *Ambulance stations*

**213.** Ambulance stations shall be maintained at such points in such mines as the Director shall direct, which ambulance stations shall be equipped with the first aid equipment required under the provisions of regulation **212** together with such additional equipment, including resuscitation apparatus, stretchers and other specified equipment as the Director shall direct.

##### *Training of rescue teams and of persons in first aid*

**214.** The manager of every mine or part thereof shall cause such number of employees, as may be reasonably required by an inspector, to be trained in the use and maintenance of rescue and resuscitation apparatus and first aid equipment.

##### *Hospital and nursing facilities*



**215.** The holder of every mining tenement on which any mine is situated shall provide and keep at each mine situated thereon such drugs, medicaments, medical and, surgical appliances and equipment, instruments and medical comforts, and shall provide such housing and nursing attendance, as the Permanent Secretary for Health may consider reasonable or necessary for the proper medical care of all persons employed at the mine.

*Manager responsible for sanitation*

**216.** The manager of every mine or part thereof shall be responsible for keeping the mine or works under his charge in a state of good sanitation and shall provide such latrine accommodation and disinfectants as may be required by an inspector.

*Drinking water*

**217.** An adequate supply of wholesome drinking water shall be provided at convenient places around every mine.

*Drying and changing facilities*

**218.** The holder of every mining tenement on which any mine is situated shall provide such facilities for the drying and changing of clothes by the persons employed at all mines situated thereon as may be required by an inspector.

*Housing*

**219.** Where housing accommodation is provided at any mine the holder of the mining tenement on which such mine is situated shall be responsible for ensuring that it meets reasonable standards and he shall make such alterations and carry out such repairs as may be required by an inspector.

*Each working place to be visited once a shift*

**220.**-(1) The manager, the mine foreman or some person (other than the shift boss) deputed by the manager for that purpose shall visit each working place at which men are working at least once every second day and shall see that safety is assured in every respect.

(2) The shift boss shall visit each working place at which men are working at least once in every shift and shall see that safety is assured in every respect.

*Responsibility regarding dangerous conditions*

**221.** If any shift boss or miner has reason to believe that any part of a mine is in a dangerous condition, he shall at once inform the manager or mine foreman who shall take all reasonable

steps to prevent danger therefrom to any person. Such shift boss or miner shall also inform any other shift boss or miner whose duty it is to relieve him.

*Employees responsible for obeying safety rules*

**222.** Every employee in any mine shall be responsible for observing such directions with respect to working as may be given him with a view to complying with these Regulations or the rules of the mine or with a view to safety.

*Manager responsible for non-compliance*

**223.** In the event of any contravention of, or non-compliance with, any of the regulations contained in this Part, or of any regulations made under the provisions of the Explosives Act relating to the handling, storage or use of explosives, by any person whomsoever being proved, the manager shall also be deemed guilty of an offence, unless he proves that he has taken all reasonable means by publishing, and to the best of his power, enforcing them to prevent any such contravention or non-compliance.

*(Cap. 189.)*

*Power to waive or suspend regulations in certain cases*

**224.** If, in the opinion of an inspector, the observance of any of the regulations contained in this Part is not reasonably practicable in any particular mine, he may, by notice in writing to the manager of such mine, waive or suspend the application of any of such regulations to such mine or any part thereof for such period and in such manner and subject to such conditions as he considers appropriate to the circumstances of each particular case.

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**FIRST SCHEDULE**

*(Regulation 3)*

**FORM 1**

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**MINING ACT**

*(Regulation 16)*

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**APPLICATION FOR A MINING TENEMENT (PROSPECTING LICENCE, PERMIT TO MINE, MINING LEASE, SPECIAL SITE RIGHT, ROAD ACCESS LICENCE)**

(delete as necessary)

This form may be used for special prospecting licence and special mining lease.

To the Director of Mines.

Date and hour of receipt at the Mines Department.....

.....

Signature of Receiving Officer

1. Name/s of applicant/s	Place of residence	Share	Signature/s or seal of company

2. Name of accredited agent, if any.....

3. Address in Fiji at which notices may be served.....

4. Number of applicant's or agent's prospector's right.....

\*5. Date of erection of beacons.....

.....

\*6. Name/s of person/s erecting beacons and number/s of prospector's right/s.....

(\* Not applicable where Director has waived pegging requirements)

7. Approximate area in acres.....

8. Mineral/s to be prospected/mined or number of prospecting licence/permit to mine/mining lease in respect of which a special site right or road access licence is required (delete as necessary).....

9. Statement of geographical position of the area and its position in relation to some town, village, river junction or trigonometrical station which is shown on a map of the district in which the area is situated.

Tikina.....

Province .....

Datum post situated ..... chains for..... degrees from

.....

being a fixed point.

10. Date of latest notices to land owners of intention to enter for purpose of prospecting or pegging .....

11. Are you in a position to comply with section 16 of the Act as regards a deposit?.....

If so, state whether by cash payment or banker's guarantee .....

.....

12. Signature of witness, if any, to erection of datum post and other beacons. (As a safeguard in case of disputes it is desirable to have a reliable witness to the erection of beacons.)

Name.....

Address.....

Signature.....

13. Name of person who will be resident on the area if the application is granted (not applicable in case of application for special site right or road access licence).....

14. Purpose for which special site right is required. Give full details. (Applicable in case of application for a special site right only).....

15. Length of term desired.....

16. Name by which area is to be known.....

\*I hereby certify that beacons have been erected and directional trenches have been cut by ..... in accordance with the provisions of the Mining Regulations, and that such beacons are placed on the marks as shown by the letters ..... on the plan attached, which plan signed by me shows the area for which I am applying. I agree that in the event of the area marked on the ground being proved to differ from the area shown on the said plan, then such adjustment of the area (or amendment of the plan) as shall be required by the Director shall be made at my expense. (\* Not applicable where Director has waived pegging requirements)

Fees paid herewith-

Filing Fee \$

Preparation fee \$

Survey fee deposit \$

Damage deposit \$

Prospecting licence fee for..... years \$

First half year's rent for.....

P.M. or M.L. or S.S.R. or R.A.L.

I attach, signed by me -

(a) A tracing from the largest practical Government plan showing the position of the area and the boundaries thereof.

(b) Except in the case of prospecting licence, a diagram showing the approximate position of all roads, paths, fences, buildings, crops or other improvements within the boundaries or within 100 feet of the area applied for.

(c) In the case of permit to mine and mining leases a diagram showing the area of surface which it is desired to occupy and the use for the purposes of mining.

Dated at ..... this ..... day of ....., 19.....

.....

Signature of applicant or agent

\_\_\_\_\_

**FORM 2**

**MINING ACT**  
*(Regulation 19)*

\_\_\_\_\_

NOTICE OF APPLICATION FOR A (a).....

NOTICE is hereby given that (b).....  
.....  
.....

of (c) .....  
has made application for the issue of a (a).....  
under the provisions of the Mining Act, over that piece of land containing.....  
acres more or less in the tikina of .....  
province of .....  
Name of area .....  
Distance and bearing of datum post for fixed point (d) .....  
..... degree for.....  
chains. All bearings are (e) .....  
Boundaries of the area are as follows:-

Commencing at datum post and  
running ..... degrees for ..... chains to No. 1 corner post thence  
..... degrees for ..... chains to No. 2 corner post thence.....  
degrees for ..... chains to No. 3 corner post thence ..... degrees for  
..... chains to No. corner post  
thence .....  
.....  
thence returning by a straight line to the datum post.

Objections against this application must be lodged with the Director of Mines before the lapse  
of 30 days from the date of publication of the later advertisement in the Gazette and in one  
newspaper published and circulating in Fiji.

Dated at Suva this ..... day of ....., 19....

.....

*for* Director of Mines

- (a) Insert type of mining tenement.
- (b) Full name/s of applicant/s with father's name for Indian applicant.
- (c) Full postal address.
- (d) Name of trigonometrical station, N.L.C. mound, stream junction or other natural feature.
- (e) Insert T (true) or M (magnetic).
- (f) In a similar manner describe the position of other corner posts, if any.

\_\_\_\_\_

**MINING ACT**  
*Regulation 20*

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**WITHDRAWAL OF APPLICATION FOR**

(a).....

The Director of Mines,  
Suva.

I/We, the undersigned, give notice that I/We desire to withdraw my/our application for a (a) ..... in the tikina of ..... in the province of ..... and lodged at the Mines Department, on the ..... day of ..... 19....

.....  
Signature of applicant/s (b)

Received on the ..... day of ....., 19....

.....

Receiving Officer

Withdrawal accepted this ..... day of ....., 19 .....

.....

Director of Mines

(a) Insert type of mining tenement.

(b) This notice must be signed by every signatory of the original application.

\_\_\_\_\_

**FORM 4**

**MINING ACT**  
*(Regulation 20)*

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**APPLICATION FOR A PROSPECTOR'S RIGHT**

Fee \$ 5.00

To the Director of Mines, Suva.

1. Name of applicant.....
2. Nationality.....
3. Occupation.....
4. Date of birth.....
5. Address in Fiji at which notices may be served.....
6. Do you intend to prospect on your own account or as an employee of any other person?  
Name and address of employer, if applicable.....

7. (a) Have you previously made an application for a prospector's right?.....
- (b) Has any such application been refused? If so give date.

8. Have you or your employer (if any), since a prospector's right was last granted to you, been convicted of any offence in connection with mining, prospecting, explosives or the employment of labour or involving dishonesty or fraud? Give date of each conviction, nature of offence and penalty imposed.

9. In which part of Fiji do you intend to prospect? Provinces or Divisions .....

10. For which minerals do you intend to prospect? .....

I hereby declare the above particulars to be true and that I have read and understood the Mining Act and all regulations made thereunder.

Signature of applicant

In consideration of the grant of the prospector's right applied for above to..... we the undersigned hereby agree to be answerable and responsible for all acts and omissions performed or made by the said ..... under or in respect of the said prospector's right and to pay to Government any sum or sums of money that may at any time become due to Government by the said..... in respect of such acts and omissions.

Dated at ..... this ..... day of ....., 19....

Witness

..... Signature  
of partnership or of authorised persons signing  
on behalf of partnership, or persons duly  
authorised to sign on behalf of company.

**MINING ACT**  
*(Regulation 24)*

---

**PROSPECTOR'S RIGHT**

No. ....

The right to prospect for minerals subject to the provisions of the Mining Act, and all regulations made thereunder now in force or which may come into force during the continuance of this right, is hereby granted to -

Name .....  
Address .....  
Description .....

\*as agent for - Name.....

Address.....  
Description .....

for one year from.....

This ..... day of ....., 19.....  
Fee: \$10.00

Director of Mines  
(or officer authorised to issue)

\*(delete if prospecting on own account.)

**FORM 6**

**MINING ACT**

*(Regulation 28 and 33)*

---

No. ....

The exclusive right, subject to the provisions of the Mining Act, and all regulations made thereunder now in force or which may come into force during the continuance of this prospecting licence or any extension thereof, is hereby granted to-

Name/s of Holder/s	Address	Share
--------------------	---------	-------



--	--	--

to prospect for the minerals mentioned in the First Schedule within the area of land described in the Second Schedule for a term from the ..... day of ....., 19....., until the ..... day of ....., 19....., subject also to the special conditions in the Third Schedule.

Dated at Suva this ..... day of ....., 19.....

.....

Director of Mines

**FIRST SCHEDULE**

(Minerals which may be prospected on the area the subject of his licence.)

**SECOND SCHEDULE**

(Situation and description of the area the subject of this licence.)

**THIRD SCHEDULE**

(Special Conditions.)

\_\_\_\_\_

**FORM 7**

**MINING ACT**

*(Regulation 31)*

\_\_\_\_\_

**REPORT OF OPERATIONS ON PROSPECTING LICENCE**

1. (Licence No.:
2. Licensee: Quarter ending , 19....
3. Name of person in charge of prospecting:
4. Number of men employed -

Europeans:

Fijians:

Indians:

Others:

Total:

	No.	Size, depth, length	Remarks, ore Intersections
Pits.....			
Trenches.....			
Adits.....			
Drives.....			
Cross-cuts.....			

Shafts.....			
Winzes.....			
Rises.....			
	No. of holes	Total feet drilled for period	Remarks
Diamond or other drilling			

Number of assays made or obtained:  
Expenditure -

Supervision.....		\$	:
Wages.....		\$	:
Stores and Plant.....		\$	:
Buildings.....		\$	:
Other expenses (to be specified).....		\$	:
Total.....		\$	:

Remarks concerning above operations:

Date: ....., 19 .....

Signature:

(Licensee, agent or person in charge)

\_\_\_\_\_

**FORM 8**

**MINING ACT**

*(Regulation 36)*

\_\_\_\_\_

**PERMIT TO MINE**

No.

Name of Mine .....

The exclusive right, subject to the provisions of the Mining Act, and all regulations made thereunder now in force or which may come into force during the continuance of this permit to mine or any extension thereof, is hereby granted to-

Name/s of Holder/s	Address	Share

to mine for the minerals mentioned in the First Schedule within the area of land delineated in .. the attached plan and described in the Second Schedule for a term from the ..... day of ....., 19....., until the ..... day of .....19....., subject also to the special conditions in the Third Schedule, and for that purpose the holder shall occupy and use the surface of the land only on the areas so delineated in the attached plan.

Dated a Suva this ..... day of ....., 19.....

.....

Director of Mines

**FIRST SCHEDULE**

(Minerals which may be mined on the area the subject of this permit.)

**SECOND SCHEDULE**

(Description of the area the subject of this permit.)

**THIRD SCHEDULE**

(Special Conditions.)

**FORM 9**

**MINING ACT**

(Regulations 37 and 49)

(Amended by Legal Notice 112 of 1970.)

**MINING LEASE**

Stamp			For title use only.
Duty			No. ....
			\$     .     .
Name of Mine.....			Registration fee paid
THIS INDENTURE made BETWEEN the			<i>vide</i>
Director of Mines hereinafter called the			R.R. No. ....
lessor of the one part, AND			Date.....
			Initials.....
Name	Occupation	Address	Share

--	--	--	--

hereinafter called the lessee of the other party, WITNESSES that in consideration of the payments and agreements hereinafter contained and subject to the provisions of the Mining Act, and all regulations made thereunder now in force or which may come into force during the continuance of this lease or any extension thereof and subject also to the special conditions in the Second Schedule hereto, the lessor leases to the lessee THAT PIECE OR PARCEL OF LAND situate in the tikina of .....

.....  
in the province of .....in the island of..... and containing ..... more or less as shown more particularly in the attached plan, for the purposes of mining for the minerals specified in the First Schedule hereto:

To have and to hold the said land for the term from the..... day of .....  
....., 19....., until the..... day of ....., 19.....

The yearly subsurface rent shall be \$.....: ..... payable by equal half-yearly payments in advance on 30 June and 31 December in every year.

	Mining Lease No. : Registered at Registrar of Titles.

The lessee hereby covenants that he shall-

- (a) pay the subsurface rent at the times mentioned above;
- (b) pay the royalties on minerals extracted at the times and in the manner prescribed;
- (c) use the land continuously and *bona fide* for the purposes of mining;
- (d) work the land by not less than the prescribed number of men;
- (e) not transfer, assign, encumber, sublet, mortgage or part with the possession of the land or any part thereof without the previous consent of the lessor;
- (f) occupy and use the surface of the land only on the areas so delineated in the attached plan:  
And provided that -
  - (i) if any part of the subsurface rent shall be unpaid for 90 days (although not formally demanded); or
  - (ii) if the lessee shall be adjudged bankrupt or, without the written consent of the lessor, assigns over his effects for the benefit of his creditors, or in any wise become insolvent; or
  - (iii) if the lessee shall not well and truly observe, perform, fulfil and keep the covenants of this lease and the provisions and conditions to be observed, performed, fulfilled and kept by the lessee; or
  - (iv) if the lessee shall not, unless exemption or partial exemption in writing by the lessor has been granted and obtained, vigorously and continuously prosecute mining operations on the land to the satisfaction of the lessor -

Then and in any of the said cases and at all times thereafter, it shall be lawful for the lessor to declare this lease void, and the land shall thereupon resume the same character and incident as

were attached to it before the issue of the lease.

Provided also that if any part or parts of the surface of the land shall be required for the purpose of laying out any own or village, or of making any road, railway, aerodrome, path, canal, water-course, bridge, towing-path or reservoir, or for any other purpose which the Minister may declare to be a public purpose, it shall be lawful for the Minister under the hand of the lessor to give one month's notice of his intention so to do to the lessee to cancel this lease so far as it relates to any right to the surface and thereupon the said part shall resume the same character and incidents as were attached to it before the issue of this lease. So nevertheless that no land whereupon any building may have been erected for the purpose of residence or for mining operations or which may be used as a yard or otherwise for the more convenient occupation of such building or for the conduct of such mining operations shall be resumed unless compensation be paid therefor:

And the lessee hereby further covenants with the lessor that in the event of the lessee working the land hereby demised by any method whereby the surface of the land is destroyed or depreciated in value for agricultural purposes that then and in that event the lessee shall pay to the lessor a sum equal to the market value of the surface for agricultural purposes or a part of the value proportionate to the depreciation in value or agricultural purposes should the surface be depreciated but not destroyed, such sum shall be paid to the owner of the land.

In witness whereof the parties have hereunto set their hands and seals this ..... day of ....., 19....

(L. S.) Director of Mines

Witness

I hereby accept the terms of the above lease.	Lessee
The Signature (by mark) of (if lessee is illiterate he must sign	}
by affixing his left thumb mark if possible) was made in my	}
presence and I verily believe that such signature is of the proper	}
handwriting/left thumb print of the person described in the	}
above lease as ..... the lessee and I certify that I	}
read over or caused to be read over and explained the contents	}
hereof to the lessee in the .....language and he appeared	}
fully to understand the meaning and effect thereof.	Witness

FIRST SCHEDULE  
(Minerals which may be mined by the lessee on the area leased.)

SECOND SCHEDULE  
(Special Conditions.)

\_\_\_\_\_

**FORM 10**

**MINING ACT**

*(Regulation 42)*

**NOTICE TO OWNER, OCCUPIER OR LESSEE OF LAND SUBJECT TO A PERMIT TO MINE OR MINING LEASE**

To ..... of.....  
(Full) name and address of owner, occupier or lessee of land subject to tenement )

Notice is hereby given that I/We .....  
.....  
.....

(Name and address of mine owner)

the undersigned, being the holder of } Permit to Mine No. ....  
} Mining Lease No. ....

which covers .....acres of your land, intend to mine for  
.....

(Name of mineral)

On .....acres of such land, by.....  
.....

(Nature of mining operation, i.e. opencast, sluicing, dredging, etc.)

Signed .....  
Dated .....

**AFFIDAVIT OF SERVICE**

I, .....  
make oath and say as follows:-

I did on the..... day of....., 19....., at .....  
personally serve.....  
the above-named person with a copy of this notice.

Sworn at ..... }  
..... }  
this.....day of ..... }  
19..... }

Before me:

.....

\_\_\_\_\_

**MINING ACT**

*(Regulation 43)*

**APPLICATION FOR EXEMPTION**

The Director of Mines,

Suva.

I/We the undersigned holders of (here state the nature and number of mining tenement) known as .....do hereby apply for exemption from (work, occupation or use) of the above mentioned mining tenement for a period of ..... calendar months, on the following grounds, viz: -

The following particulars relating to the said mining tenement are, to the best of my/our knowledge, information and belief, true and correct in every respect:-

**PARTICULARS**

1. For how long has the mine been worked continuously?
2. Has the mine been worked for the above period from the holder's resources?
3. Work done by holder since acquiring the mine or previous exemption, if any -
  - (a) Sinking:
  - (b) Driving:
  - (c) Cross-cutting:
  - (d) Drilling:
  - (e) Opencast Mining:

4. Amount of money expended by present owners since acquiring the mine or previous exemption, if any:

5. Details of expenditure -

Wages	Contractors	On machinery	On other mining requisites	Other expenditure

6. Nature, quantity and value of gold or mineral won since acquiring the mine or previous exemption, if any:

7. I produce an accurate plan showing the workings of the mine in which the main workings are also clearly set out. I claim that the same are main workings, for the following reasons:-

Dated this ..... day of ....., 19.....

.....

Signatures

\_\_\_\_\_

**FORM 12**

**MINING ACT**  
*(Regulation 43)*

\_\_\_\_\_

**CERTIFICATE OF EXEMPTION**

This is to certify that the holders of (name of mining tenement) No..... have this ..... day of....., 19....., been granted exemption from ..... until the .....day of....., 19....., inclusive on the following terms and conditions:-

Dated at Suva this ..... day of ....., 19.....

.....

Director of Mines.

\_\_\_\_\_

**FORM 13**

**MINING ACT**  
*(Regulation 47)*

\_\_\_\_\_

**MONTHLY REPORT OF MINING OPERATIONS**

To: Director of Mines, Suva. Month of....., 19.....

P. M.

M.L. No. .... Name of Mine.....

Name of Mine Manager.....

Name of Holder/s .....

Name and address of Agent or Company.....

Manager..... Secretary.....



.....  
\*Average number of men employed:

$$(* \text{ Average number of men employed} = \frac{\text{Total number of man - shifts worked}}{\text{Total number of workings days}}$$

Mineral produced: ..... weight..... value.....  
..... weight..... value.....  
..... weight..... value.....

(base metals in tons, precious metals in ounces)

Total value of mineral:  
Mineral removed from tenement:

..... weight..... value.....  
..... weight..... value.....  
..... weight..... value.....  
..... weight..... value.....

Destination of mineral removed from tenement:

.....  
Accidents: No. .... Injury ..... Cause .....  
..... Injury ..... Cause .....  
..... Injury ..... Cause .....

No. of feet driven: No. of feet sunk

Quantity of overburden removed:  
Quantity of ore mined:  
State any other work that may have been done:

I hereby certify that this is a correct statement of the particulars herein set forth.

Dated at ..... this ..... day of ....., 19....

.....  
Signature of holder, agent,  
Company Manager or Secretary

\_\_\_\_\_

MINING ACT

(Regulation 48)

YEARLY REPORT OF MINING OPERATIONS

To: The Director of Mines, Year 19
Suva.

P.M.

M.L. No. Name of Mine
Area of P.M. or M.L. Date of expiry
Name of Mine Manager Mine Managers' Cert. No.
Name of Holder

Name and address, of agent or Company Manager or Secretary

\*Average number of men employed Europeans

during the year: - Fijians

Indians
Others

\* Average number of men employed = Total number of man - shifts worked
Total number of workings days

Quantity of material mined during the year

Quantity of material treated during the year

Mode of treatment

Mineral produced during the year:

weight value
weight value
weight value
weight value

(Base metals in tons, precious metals in ounces)

Total value of mineral: \$

(In case of a registered company): Amount paid in dividends -

For the year: \$  
Since commencing work: \$

Remarks cost of operations, ore reserves; etc .....  
.....  
.....  
.....

I hereby certify that this is a true return for the year ending 31 December, 19.....

Dated at ..... this ..... day of January, 19 .....

.....

Owner or Manager

Witness .....

\_\_\_\_\_

**FORM 15**

**MINING ACT**

*(Regulation 53)*

\_\_\_\_\_

**SPECIAL SITE RIGHT**

No. ....

Attached to P.L.}

P.M.} No.

M.L.}

The Director of Mines, being of the opinion that the land the subject of this right situated in the tikina of ..... in the province of ..... as more particular shown in the plan attached hereto, is not required for mining purposes and that the grant of this right will not interfere prejudicially with mining operations, hereby grants to (full name and address of holder) this special site right in respect of the said land, authorising the holder to use the said land as (here state whether water right, passageway, machine site, furnace site, site for the deposit or treatment of gold or tailings, for tramway, aerial ropeway or conveyor belt, or otherwise, as the case may be).

This right is granted for a term from the ..... day of .....19..., until the ..... day of ..., 19..., subject to the payment of an annual fee of \$4 payable half-yearly in advance and subject to the terms, conditions, reservations and provisions set out in the Mining Act, and all regulations made thereunder now in force or which may come into force during the

continuance of this right or any extension thereof, and also to such additional terms, conditions, reservations and provisions as are specified in the Schedule.

Dated at Suva this ..... day of ....., 19.....

Director of Mines

I/We hereby accept this special site right on the terms and conditions herein mentioned.

Date: ..... Holder .....

Witness to the signature of the holder .....

Registered on the .... day of ....., 19....., at .....o'clock in the ..... noon.

Registrar of Titles

**FORM 16**

**MINING ACT**

*(Regulation 66)*

**ROAD ACCESS LICENCE**

No. ....

Attached to P.L.}

P.M.} No.

M. L.}

The right, subject to the provisions of the Mining Act, and all regulations made thereunder now in force or which may come into force during the continuance of this road access licence or any extension thereof, is hereby granted to:

Name/s of Holder/s	Address	Share

to construct, use and maintain a road for the purpose of obtaining access to the mining tenement above cited within the area of land in the tikina of..... in the province of ..... more particularly described in the plan attached hereto, for a term from the..... day of....., 19....., until the ..... day of....., 19....., subject also to the special conditions in the Schedule.

Director of Mines

SCHEDULE

I/We hereby accept this Road Access Licence on the terms and conditions herein mentioned.

Date .....

Witness ..... Licensee

Registered on..... day of....., 19 ....., at ..... o'clock in the ..... noon.

Registrar of Titles

\_\_\_\_\_

**FORM 17**

**MINING ACT**

*(Regulation 80)*

\_\_\_\_\_

**MINERAL EXPORT PERMIT**

No.

Permit is hereby granted to .....on behalf of ..... to export ..... packages containing .....of ..... production from ..... , port of aerodrome of export ..... , destination ..... , the value of this shipment is approximately \$.....

Royalty has been paid.

Royalty has been secured to my satisfaction.

No royalty is payable.

Dated at Suva this ..... day of ....., 19....

Director of Mines

Copy to Collector of Customs

\_\_\_\_\_

**FORM 18**

**MINING ACT**

*(Regulation 81)*

\_\_\_\_\_



						Diameter of Bore (in inches)
					From	To
						Inches
						Water met with in Bore
					Gallons per Minute	At
						Issue of Gas at

Remarks by Superintendent Commented by

*Note.* - The Drill Superintendent shall forward a copy of this log direct to the Director of Mines, Suva.

**FORM 19**

**MINING ACT**

*(Regulation 86)*

**POWER OF ATTORNEY**

(Duty Stamp)

No.

Know all men by these presents that I ..... of ..... do hereby make, constitute and appoint ..... of ..... my true and lawful attorney to apply for and acquire on my behalf any mining tenements under the Mining Act, and to sell to any person all or any mining tenements or mortgages, whether extended or not, or charges, whether now belonging to me or which shall hereafter belong to me under or by virtue of the said Act, or which I am now or shall hereafter be the holder, proprietor or owner thereunder. Also to mortgage or sublet all or any such mining tenements for any sum, at any rate of interest or rental. Also to surrender any mining tenement in which I am or may be interested. Also to exercise and execute all powers which are now or shall hereafter be vested in or conferred on me as a sublessee or mortgagee of mining tenements under the said Act: And for me and in my name all such applications, notices, transfers, mortgages, subleases and other instruments and do all such acts, matters and things as may be necessary or lien for carrying out the powers hereby given, and for recovering all sums of money that are now or

may become due or owing to me in respect of the premises, and for enforcing or varying any contract, covenant or conditions binding upon any holder tenant or occupier of the said lands upon any other person in respect of the same , and for protecting the same from waste , damage or trespass.

The words "mining tenement" herein include any share or interest in a mining tenement:

And I agree that all and whatsoever the said ..... shall lawfully do under this power I will at all times ratify and confirm.

I hereby appoint the said ..... my attorney or agent upon whom any process or notice may be served.

Given under my hand and seal, this ..... day of ....., 19....

Signed, sealed and delivered by the said ..... in the presence of:

Signature: (Seal).

Signature of Attorney .....

Witness:

Received the above Power of Attorney at ..... o'clock ..... m. on the ..... day of ....., 19...., with fee of .....cents.

Registrar of Titles

\_\_\_\_\_

**FORM 20**

**MINING ACT**

*(Regulation 87)*

\_\_\_\_\_

**APPLICATION FOR APPROVAL OF A DEALING IN A MINING TENEMENT**

The Director of Mines, Suva.

I, (a) .....of (b) .....being the holder of (c) .....registered as No. (d) ..... situated in the tikina of ..... province of ..... island of ..... which is in force for the term from ..... until

Do hereby apply for approval to (e) to (f) ..... of (g)

All/A (h)..... UNDIVIDED SHARE of my right title and interest in the said mining tenement as from the ..... day of ....., 19..., (i) (until the ..... day of .....,



19....)  
(for the remainder of the term thereof)

*IN CONSIDERATION* of the sum of (j)

And I, the said (f) ..... do hereby agree to accept the said (e) ..... of the said mining tenement or share thereof, subject to all the terms and conditions under which it is held.

AND WE, the undersigned, hereby state and declare that (i)/ there is no other written agreement relating to this dealing/ the only other written agreement relating to this dealing is that dated ..... and attached hereto.

Dated this ..... day of ....., 19....

(Signature of holder, etc.) .....  
Witness to signature .....  
Address.....  
Occupation.....  
(Signature of transferee, etc.) .....  
Witness to signature .....  
Address .....  
Occupation .....

To Registered holder of

The above application is approved.

The instrument of (e) ..... shall be properly stamped and returned to me within 30 days from the date of this notice of approval, by the person in whose favour it is drawn, for registration, together with the prescribed registration fee.

Dated at Suva this ..... day of ....., 19....

Director of Mines

- (a) Full name and (b) address of holder.
- (c) Type and (d) Registered Number of mining tenement.
- (e) State the nature of dealing, e.g., transfer, sublease, mortgage, etc.
- (f) Full name and (g) address of transferee, sublessee, mortgagee, etc.
- (h) If the whole title is not being affected indicate the share concerned i.e. half, quarter, etc.
- (i) Delete whichever is not applicable.
- (j) Give the full value of the consideration passing.

\_\_\_\_\_

**MINING ACT**  
(Regulation 87)

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<b>STAMP DUTY</b>	<b>TRANSFER OF MINING TENEMENT</b>	No.:
	THE INSTRUMENT OF TITLE MUST BE PRESENTED HEREWITH. RULE UP ALL BLANKS BEFORE SIGNING. NO ALTERATION SHOULD BE MADE BY ERASURE. THE WORDS REJECTED SHOULD BE SCORED THROUGH WITH A PEN AND THOSE SUBSTITUTED WRITTEN OVER THEM, THE ALTERATION BEING VERIFIED BY SIGNATURE OR INITIALS IN THE MARGIN OR NOTICE IN THE ATTESTATION. ALL NAMES MUST BE TYPED OR PRINTED.	REGISTRATION FEES \$ c. Lodgement Memorial <hr/> Total <hr/> Revenue Receipt No.: Initials

(name, address, occupation or other description in full) transferor, being proprietor subject to such leases, mortgages and other encumbrances as are notified by memorandum endorsed hereon (all prior subsisting encumbrances must be thus noted) of the following land:-

Title	No.	Name of Land	Province	Tikina	Area A.R.P.	Undivided Share
(here state whether Lease, Licence, or Mortgage, as the case may be.)						(If the whole of the interest is transferred, write the word "whole".)

in consideration of the sum of (in figures and writing) (\$.....) this day paid to the transferor by (name, address, occupation or other description in full and if of Indian descent the father's name) hereinafter called the transferee the receipt of which sum the transferor doth hereby acknowledge DOTH HEREBY TRANSFER to the transferee all the rights, powers, title and interest of the transferor therein.

IN WITNESS whereof the transferor ..... has hereunto subscribe his name this ..... day of ....., 19.....

Signature or Left thumb Mark of transferor

Accepted

Signature or Left Thumb Mark of Transferee

The signature by mark of (if transferor is illiterate he must sign by affixing his left thumb mark if possible) was made in my presence and I verily believe that such signature is of the proper handwriting/left thumb mark of the person..... described as..... the transferor....., and I certify that I read over and explained the contents hereof to the transferor in the....., language and he appeared fully to understand the meaning and effect thereof.

Signature of witness

The signature by mark of (if transferee is illiterate he must sign by affixing his left thumb mark if possible) was made in my presence and I verily believe that such signature is of the proper handwriting/left thumb mark of the person described as..... the transferee ....., and I certify that I read over and explained the contents hereof to the transferee in the.....language and he appeared fully to understand the meaning and effect thereof.

Signature of witness

<p>(FOR OFFICE USE)          TRANSFER NO.          Registered .....at.....m.          Registrar of Titles</p>	<p>Lodged by:          Date:          Documents:</p>
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MEMORANDUM OF PRIOR LEASES, MORTGAGES AND  
 ENCUMBRANCES REFERRED TO

DECLARATION BY ATTESTING WITNESS

..... of.....  
 the attesting witness to this instrument, appeared before me at ..... the day of ..... one thousand nine hundred and ....., and declared that the personally knew the person/s signing the same, and whose signature/s the said ..... attested, and that the name/s purporting to be the signature of the said ..... is his/are their own handwriting, and that he is the person/ they are the persons therein described as

DECLARATION BY ATTESTING WITNESS

..... of.....  
 the attesting witness to this instrument, appeared before me at ..... The ..... day of ..... one thousand nine hundred and ..... and declared that he personally knew the person/s signing the same by affixing his/ their left thumb mark/s thereto and whose signature/s by such mark/marks the said ..... attested, and that the marks purporting to be the signature of the said ..... is his/are their own left thumb mark/s, and that he is the person/ they are the persons therein described as ..... and that before affixing the said thumb mark/s the purport

of the said instrument was interpreted to him/them in the ..... language and he/they appeared to understand the same.

**FORM 22**

**MINING ACT**  
*(Regulation 88)*

**SURRENDER OF MINING TENEMENT**

(a) .....No.....

WHEREAS under the provisions of the Mining Act, the above-mentioned mining tenement was granted to .....

AND WHEREAS ..... the present lawful holder desires to surrender the said tenement.

Now these presents witness that the said holder hereby surrenders all his right, title and interest in and under the said tenement as from the .....day.....of ....., 19.....

Dated at ..... this ..... day of ....., 19.....

Witness to signature.....

Address..... (b) Holder

(a) Type and registered number of tenement.

(b) To be signed by every holder or his attorney.

Received on the .....day of ....., 19.....

.....

Receiving Officer

Surrender accepted this .....day of ....., 19.....

.....

Director of Mines

**FORM 23**

**MINING ACT**  
*(Regulation 89)*

**CERTIFICATE RELATING TO MINE WORKINGS**

Director of Mines, Suva.

I, ..... being the holder of..... No..... applicant for a ..... which has been cancelled/terminated/abandoned/surrendered/withdrawn, hereby certify that -

- (i) all beacons marking out the land have been removed;
- (ii) all directional trenches have been filled up;
- (iii) all pits, trenches, shafts and opencast workings have been filled up/made safe;
- (iv) (a) all damage to the surface of the land has been repaired; or  
(b) \$..... in compensation has been paid to..... for damage done o his land.
- (v) ....., the owner of the land at this date is also the holder of this tenement.

Dated at ..... this ..... day of ..... 19.....

.....

Holder

Delete (iii), (iv) (a), (iv) (b) or (v) whichever is no applicable.

\_\_\_\_\_

**FORM 24**

**MINING ACT**

*(Regulation 105)*

\_\_\_\_\_

**APPLICATION FOR A MINE MANAGER'S CERTIFICATE**

To: the Inspector of Mines at .....

I, .....hereby apply  
(Full name, address and occupation)

for a Mine Manager's Certificate for ..... opencast or .....underground .....(\*) mines

I enclose the prescribed fee of \$10 and hereby declare as follows -

(1) My date of birth is .....

(2) My practical experience consists of actual employment in mining for..... years as specified in the Schedule hereto, and in proof thereof I enclose evidence in writing from my previous employers as specified in that Schedule.

(3) I enclose certificates of sobriety and good conduct from.....

(4) I have undergone a course in first aid and enclose herewith my certificate of proficiency therein.

Dated at ..... this ..... day of ....., 19.....

(*) Delete as required SCHEDULE Particulars of employment and nature of evidence in proof thereof.					
Names and localities of mine	Name of employer	Period of employment		Nature of employment	Signature of employer or nature of evidence in writing
		From	To		

.....

Signature of Applicant

\_\_\_\_\_

**FORM 25**

**MINING ACT**

*(Regulation 105)*

\_\_\_\_\_

**MINE MANAGER'S CERTIFICATE FOR OPENCAST/UNDERGROUND MINES**

This is to certify that ..... of ....., has duly satisfied me that he is entitled to a Mine Manager's Certificate for opencast/underground mines and this certificate is hereby granted accordingly.

Subject to any extensions endorsed hereunder this certificate shall, unless previously cancelled, expire on the .... day of ....., 19.....

Issued at ..... this ..... day of ....., 19.....

.....  
(Signature of Grantee) Inspector of Mines

**EXTENSIONS**

Date of extension	Period of extension	Signature of Inspector of Mines

**FORM 26**

**MINING ACT**

*(Regulation 155)*

**APPLICATION FOR HOIST DRIVER'S CERTIFICATE**

To: The Inspector of Mines at

I, ..... hereby apply for a Hoist Driver's Certificate.

(Full name and address of applicant)

I enclose the prescribed fee of \$5 and hereby declare as follows: -

- (1) My date of birth is
  - (2) I have had..... experience in the
- (State period)

operation of reversing hoists in the employment of the employer/ employers specified in the Schedule hereto and in proof thereof I enclose evidence in writing to such experience.

- (3) I enclose certificates of sobriety and good conduct from
- (4) I enclose a medical certificate as to my physical fitness for employment as a hoist driver.

Dated at ..... this ..... day of ..... 19....

**SCHEDULE**

Particulars of employment and nature of evidence in proof thereof.

Name of employer	Type of hoist	Period of driving experience		Name of supervising driver	Signature of employer or nature of evidence in writing
		From	To		


.....

Signature of Applicant

\_\_\_\_\_

**FORM 27**

**MINING ACT**  
*(Regulation 155)*

\_\_\_\_\_

**HOIST DRIVER'S CERTIFICATE**

This is to certify that ..... of ....., having produced evidence as to his health and having satisfied me as to his knowledge and ability to drive and handle a hoist of the type set out in the Schedule hereto, is hereby granted this certificate to drive such hoist and hoists of a similar type and of equal or smaller capacity.

Subject to any extensions endorsed hereunder this certificate shall, unless previously cancelled, expire on the ..... day of ....., 19.....

Issued at ..... this ..... day of ....., 19...

.....

(Signature of Grantee Inspector of Mines)

**SCHEDULE**

Type of Winch .....  
 Maker's Name .....  
 Drum diameter .....  
 Capacity, lbs .....  
 Horsepower .....  
 Winding Speed.....  
 Distance .....

**EXTENSIONS**

Date of extension	Period of extension	Signature of Inspector of Mines

\_\_\_\_\_



**SECOND SCHEDULE**  
*(Regulation 4)*  
*(Substituted by Legal Notice 60 of 1979.)*

**SCALE OF FEES**

\$ c

1. Proprietor's right.....	10.00
2. Filing application for mining tenement.....	20.00
3. Preparation of prospecting licence.....	50.00
4. Preparation of permit to mine.....	100.00
5. Preparation of mining lease.....	200.00
6. Preparation of special site right.....	50.00
7. Preparation of road access licence.....	50.00
8. Extension of mining tenement.....	25.00
9. Surrender of mining tenement.....	10.00
10. Filing application for approval of the transfer or other dealing in a mining tenement.....	50.00
11. Deposit of duplicate of power of attorney.....	10.00
12. Registration of tribute agreement.....	10.00
13. Duplicate or certified copy of mining tenement.....	20.00
14. Duplicate or certified copy of any document other than a mining tenement	10.00
15. Copies of letters (each page).....	1.00
16. Examination of Registers -	
For each entry examined.....	2.00
For General search.....	4.00
17. Exemption of -	
(a) Prospecting licence area - from labour - for a period exceeding 2 months.....	50.00
(b) Special-site area - from use - for a period exceeding 3 months.....	10.00
(c) Road access licence - from use - for a period exceeding 3 months.	10.00
(d) Mining lease and permit to mine - from labour - for a period not exceeding 6 months.....	50.00
for a period exceeding 6 months.....	100.00
18. Filing agreement for compensation or certified copy thereof.....	5.00
19. Mine Manager's Certificate.....	10.00
20. Extension of Mine Manager's Certificate.....	3.00
21. Hoist Driver's Certificate.....	5.00
22. Extension of Hoist Driver's Certificate.....	1.00
23. Withdrawal of application for a mining tenement.....	5.00

NOTE: Notwithstanding the fee of \$200 prescribed for the preparation of a mining lease by item 5 above, the Minister may in any particular case authorise the making of a special fee for

extra work and in the cases of items 3, 4, 5, 6 and 7 special or extra charges or fees may be raised for preparing any plan or plans.

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*Controlled by Ministry of Lands, Energy and Mineral Resources*