

Government of Madras.

HOME DEPARTMENT.

(EDUCATION)

G.O. No. 856, 10th August 1916



INDEXED

Industrial installations

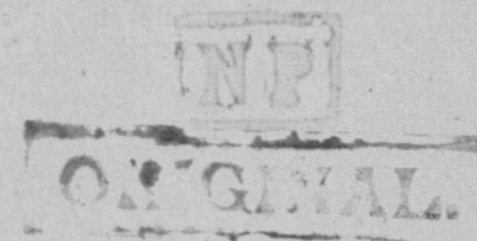
...ing rules for the levy of fees for work done in connection with—.

Government of Madras.

HOME DEPARTMENT.

(EDUCATION)

G.O. No. 856, 10th August 1916



Industrial installations

Issuing rules for the levy of fees for work done in connection with—.

GOVERNMENT OF MADRAS

HOME DEPARTMENT

(Education)

READ—the following papers :—

I

G.O. No. 913, Revenue, dated the 26th April 1916.

ABSTRACT.—Issuing revised rules for the levy of fees for work done in connection with the pumping and boring operations.

II

Memorandum No. 2076-1, Educational, dated the 21st June 1916.

With reference to G.O. No. 913, Revenue, dated the 26th April 1916, the Director of Industries is requested to submit, in due course, for the approval of the Government, draft rules for the levy of fees for work done by the Department of Industries in connection with industrial installations erected for private persons other than in connection with pumping and boring operations. Pending submission of such draft rules and sanction thereto, the rules in the Government Order quoted above will be applied as far as possible to industrial installations also.

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

To the Director of Industries.

III

Letter—from K. T. B. TRESSLER, Esq., Director of Industries.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 3rd July 1916.
No.—28-A.

With reference to Government Memorandum No. 2067-1, Educational, dated 21st June 1916, I have the honour to submit herewith draft rules for industrial installations, drafted on the same lines as those connected with pumping and boring operations. The rules follow the same lines as far as possible, except that in paragraph 6 of the III section excess compounding fee inspections are charged at the flat rate of Rs. 5 per visit instead of Rs. 3 for the mechanic and Rs. 7-8-0 for the supervisor as sanctioned for pumping inspections.

2. On consideration it seems to me that the flat rate is preferable to the two rates proposed in the pumping rules. Clients do not generally ask for the services of the supervisor and the average takings per visit on the double scale will not therefore much exceed Rs. 3 which is rather low. It seems to me therefore better to have a flat rate of Rs. 5.

3. In the pumping rules, scale B is very rarely asked for and it does not make very much practical difference what the fees prescribed are. If, however, it is possible to alter paragraph 6 of section III of the sanctioned rules to agree with paragraph 6 of the rules now submitted, it would be of advantage.

4. It will be observed that the rules now drafted apply only to installations having plant of a value of Rs. 5,000 or less. At present the majority of plants the department deals with falls within this limit and are therefore covered by the rules. When more expensive machinery is installed, the rules are scarcely applicable and the right is accordingly reserved of quoting special terms.

Order—No. 856, Home (Education), dated 10th August 1916.

The Government approve with a few modifications the draft rules submitted by the Director of Industries for the levy of fees for work done in connection with industrial installations other than those connected with pumping and boring operations. The rules as modified are appended to these proceedings. They will be published in the Fort St. George and all District Gazettes.

2. Separate orders will issue in the Revenue Department in regard to the suggestion made by the Director in paragraph 3 of his letter to alter rule 6 of section III of the rules for the levy of fees for pumping and boring installations.

(True Extract)

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

To the Director of Industries.
" Superintendent, Government Press, for publication of notification.
Copy to the Revenue Department (with notes).
Editors' Table (paragraph 1 of order and appendix).

APPENDIX

Rules for the levy of fees for work done in connection with industrial undertakings.

Subject to the rules hereinafter mentioned, the Department of Industries gives general information and advice regarding industrial plant, undertakes tests in connection therewith, assists in the preparation of plans and in the purchase and erection of machinery and arranges for its systematic inspection.

2. The services of the department are offered subject to the following general conditions:—

(i) All fees or other charges leviable under the rules governing departmental assistance are strictly payable in advance.

Note.—In cases where the levy of fees is likely to operate as an undue burden on the slender resources of applicants, the Director of Industries may, at his discretion, remit such fees wholly or in part.

(ii) All fees and other charges levied under these rules will be credited to Government.

(iii) Refunds of fees will not generally be made, but, in the case of advances, any surplus which may remain unspent after the work is completed will be returned.

(iv) Though every effort will be made to meet the reasonable demands of the public as promptly as possible, the department offers no guarantee whatever in respect of time.

(v) The department cannot make itself responsible for the quality or condition of plant supplied by machinery agents, though it will do whatever lies in its power to safeguard the interests of its clients.

(vi) The acceptance of the services of the department implies the acceptance of the general rules and conditions laid down in this notification.

I.—INFORMATION AND ADVICE.

1. General information and advice is given free of charge so far as the information is available and advice can be given without local inspection.

2. In cases when information and advice can be given only after local inspection, such inspection can be arranged for on payment of a fee of Rs. 10 for every inspection when the inspection is made by a supervisor. If inspection by an officer of higher standing is required special rates will be charged the nature of which may be obtained on application.

3. When such an inspection is made in connection with the installation of plant, but applicants do not desire to have the plant purchased or erected by the Department of Industries the inspection report will include a statement of the class of plant required and a sketch plan.

4. Applicants must understand that inspection reports cannot be regarded as working plans from which a plant can be erected. The only purpose they generally serve is to give applicants an idea of the approximate cost of the plant.

5. The department undertakes to work out estimates or prepare working plans if required, but only if the plant is to be erected by the department or the supplying firm. The charges leviable in this case are given in section II.

6. The department owns a certain amount of testing machinery and is prepared to undertake tests or make experiments in connection with new machinery and new processes if appliances are available and if the tests are considered necessary.

7. In cases where tests or experiments are regarded as of general value, no fees will be charged and the results will be communicated to applicants in due course. When the tests are of a special character, a charge will be levied proportionate to the amount of work involved, but the results will then be communicated to the applicant only.

II.—PURCHASE AND ERECTION OF MACHINERY.

1. The department will, on demand, undertake the ordering of plant, the preparation of plans and the erection of machinery. In such cases, a deposit of not less than Rs. 250, or approximately 15 per cent of the value of the plant (whichever is greater), must be made.

The fee actually charged for this service is 2½ per cent on estimate plus Rs. 25 (which includes the inspection fee). If an inspection fee has previously been paid on account of the same scheme, the charge is reduced by Rs. 10. In addition to this fee, a small sum will be retained as an advance for contingencies (the balance being returnable on the completion of the work) and the remainder paid as advances to machinery agents for supply of plant.

2. If applicants wish to modify their scheme or to abandon it after an inspection has been made, they will be charged Rs. 10; if, after plans have been prepared, they will be charged Rs. 15 for each set of plans. Provided no orders have been placed, the balance of advance will be refunded.

3. The department can take no responsibility for any losses arising from applicants changing their minds after orders have been placed.

4. These terms apply only to the erection of plant costing less than Rs. 5,000 and cover only supervision. All materials and labour must be found by the applicant. If building work is to be supervised or if the plant is to cost more than Rs. 5,000, special terms will be arranged.

5. To encourage expedition, the Director has powers to allow a rebate up to 1 per cent on erection charges if the work is rapidly completed.

6. No plans will be prepared and no plant will be ordered unless it is to be erected by the department or by the supplying firm.

7. Applicants may, if they wish, purchase the plant independently of the department and in such cases the preparation of plans and the erection of the plant will be undertaken on the same terms as above, subject to the condition that the plant shall be of the character indicated by the plans and estimates. If these are deviated from, the Director reserves the right of declining to undertake erection. The same rule applies to plants already purchased or the re-erection of second-hand plants. Both new and second-hand plants will be estimated at their new value for purposes of calculating fees. The Director, however, reserves the right of causing an inspection of the plant to be made (costing Rs. 10) and, notwithstanding such inspection, the Director may decline departmental assistance if he considers the plant unsuitable, badly designed or in any other way open to objection.

8. When the engineering services of the department are required for purposes other than the original erection of plant, they will be charged for at daily rates as follows:—

For a supervisor, Rs. 15 for the first day plus Rs. 7-8-0 for every subsequent day.

For a mechanic, Rs. 10 for the first day plus Rs. 3 for every subsequent day.

If there is any break in continuity, the first day's fee will again become chargeable for any subsequent visit.

III.—SYSTEMATIC INSPECTION OF INSTALLATIONS.

1. The department will arrange for the systematic inspection of installations. Inspections will be of two kinds, viz., "routine inspections" made at the convenience of the department and "special inspections" made on the urgent requisition of the applicant.

2. The fees for inspection will be determined on two scales, A and B, according to requirements.

3. Scale A provides for routine inspections. Under this scale an applicant is entitled to a minimum of three inspections annually or such greater number as it may be convenient to arrange. In cases of sudden breakdowns, special assistance will also be rendered, but scale A is intended to apply only to installations where the necessity for special inspections is not frequent. The Director of Industries may, at his discretion, cancel any arrangement under scale A at the close of the official year if he considers that requisitions for special assistance have been unnecessarily frequent.

4. Scale B provides for the inspection of installations where the number of requisitions for special inspections is beyond that contemplated in scale A. Under scale B no routine inspections will be made and an application should be made every time an inspection is required.

5. The fee leviable under scale A is Rs. 15 per annum for each installation.

6. Under scale B an initial fee of Rs. 15 will be levied which will cover the cost of inspection to the extent of its value, but no refund will be made if the value of the fee is not completely utilized. Inspections in excess of those covered by the initial fee will be charged for at the rate of Rs. 5 per visit.

7. No installation will be inspected unless fees under one of the two scales are first paid. In cases of non-payment, a notice will be issued by the department. If payment is then refused no subsequent assistance of any kind will be given except by special order of the Director of Industries and then only on payment of such additional fees as he may prescribe.

8. The fees mentioned in rules 5 and 6 supra will not cover any actual outlay on any repair work carried out by the department which must be paid for in addition by the applicant.

9. The scale of fees above laid down ordinarily applies only to industrial plants of an initial value of Rs. 5,000 or less. When the value exceeds this figure, the Director has the option of increasing the fee if he considers that the machinery is of so complex a character as to require special attention.

10. Systematic inspection of a plant will be undertaken only after it has been examined and found to be in a good condition. If it is not in good condition, the applicant will be informed what repairs are required and systematic inspection will be undertaken only on completion of the repairs. If the applicant desires that the repairs should be executed under departmental supervision, a fee of Rs. 10 will be charged for such supervision.

11. The Director of Industries, may, without assigning any reason, refuse to undertake systematic inspection of any plant or installation.

HOME (EDUCATION) DEPARTMENT.

NOTES CONNECTED WITH G.O. No. 856, HOME (EDUCATION), DATED
THE 10TH AUGUST 1916.

[SUBJECT.—*Rules for the levy of fees for work done by the Department of Industries in connection with industrial installations.*]

From the Director of Industries, dated the 3rd July 1916, No. A. 28.

Prior to the issue of G.O. No. 913, Revenue, dated the 26th April 1916, the rules of the Department of Industries in regard to the levy of fees for work done for the public were common to the pumping and boring and other industrial installations. In the above Government Order the Government have, in view of the transfer of the pumping and boring operations which is to take place shortly, issued a separate set of rules for the levy of fees for work done in connection with those operations. The Director of Industries was thereupon asked to submit a separate set of draft rules for the other industrial installations which would continue to be dealt with by the Industrial Department after the transfer of pumping and boring work. The Director now submits draft rules. These are in the main the same as those approved in G.O. No. 913, Revenue, dated the 26th April 1916, for pumping and boring operations, and are rightly so as the latter have till now been applied to industrial installations also. The slight modifications and additions introduced in them, which chiefly affect the wording of the rules, and also those relating to the testing work undertaken by the department, are examined below.

2. *Rule 1.*—"Subject to the rules hereinafter mentioned, the Department of Industries gives general information and advice *regarding industrial plant, undertakes tests in connection therewith*, assists in the preparation of plans and in the purchase and erection of machinery and arranges for its systematic inspection."

The portion in italics which has been introduced newly in this rule seems to require further consideration. In G.O. No. 1397, Educational, dated the 8th December 1914, the Government sanctioned the purchase of a test plant for the department which, it was decided, might undertake testing work. The question whether the testing of machinery for the public should be one of the legitimate functions of a Department of Industries was then discussed. The Hon'ble Sir Alexander Cardew considered that the Director should be furnished "with the means of ascertaining accurately and definitely for his own information and guidance and in no way for publication what are the best machines on the market." The Director in the present draft rule announces to the public that he undertakes the testing of machinery. It is for orders whether the addition proposed to the rule may be allowed to stand. Perhaps the words "undertakes tests in connection therewith"

Paragraph 2 of Honourable Member's note,
page 8 of notes to G.O. 1397, 8th December
1914.

I confess I see no particular objection to the
draft rule as proposed by Mr. Tressler.

P.R.—21-7-16.

may be omitted. This announcement seems unnecessary as it does not find a place in the rules for the pumping and boring section where also there is large scope for such testing.

3. *Rule 2 (i)*.—The following note to this rule which appears in the pumping and boring rules has been omitted in the present draft by the Director:—

"In cases where the levy of fees is likely to operate as an undue burden on the slender resources of applicants, the Director of Industries may at his discretion remit such fees wholly or in part."

Apparently such concessions will be more necessary in the case of pumping and boring work done for ryots for irrigation purposes than in that of industrial installations such as rice-hullers, oil-presses, groundnut decorticators, etc. The proposal to omit the note may be approved.

But why should not the Director have the discretion? He would not use it when it is not necessary.

P.R.—21-7-16.

4. *Rule 2 (v)*.—"The department cannot make itself responsible for the quality or condition of plant supplied by machinery agents, though it will do whatever lies in its power to safeguard the interests of its clients." This is a new rule and does not find a place in the pumping and boring rules. So long as the department undertakes

the purchase and erection of machinery (vide rule 1) it appears to be necessary to

safeguard it against future liabilities. The rule may be retained.

Section I, information and advice.

5. *Rule 4*.—"Applicants must understand that inspection reports cannot be regarded as working plans from which a plant can be erected. The only purpose they generally serve is to give applicants an idea of the approximate cost of the plant."

A necessary explanation.

P.R.—21-7-16.

This rule is also new and has not been incorporated in the pumping and boring rules. The rule is explanatory and may be allowed to stand.

6. *Rule 5*.—"The department undertakes to work out correct estimates or prepare working plans if required, but only if the plant is to be erected by the department or the supplying firm. The charges leviable in this case are given in section II."

Page 11 of G.O. 913, Revenue, 26th April 1916.

The corresponding rule in the pumping and boring rules is rule 4 thereof and it runs as follows:—

"In cases where the plant is to be purchased or erected by the department, the charges leviable are shown in section II—Purchase and erection of machinery."

P.R.—21-7-16.

The new draft rule is more explanatory. It may be retained. The word "correct" may, it is submitted, be omitted.

7. *Rules 6 and 7—Rule 6*.—"The department owns a certain amount of testing machinery and is prepared to undertake tests or make experiments in connection with new machinery and new processes if appliances are available and if the tests are considered necessary."

Rule 7.—"In cases where tests or experiments are regarded as of general value, no fees will be charged and the results will be communicated to applicants in due course. When the tests are of a special character, a charge will be levied proportionate to the amount of work involved, but the results will then be communicated to the applicant only."

These rules do not have their counterpart in the pumping and boring rules. So far as testing of machinery is concerned, attention is solicited to the note in paragraph 2 on pages 1 and 2 supra. It is for orders whether the two rules may be approved. The testing herein referred to seems to be open to less objection than the general

testing work referred to in rule 1 of the preamble, as it relates only to new machinery and new processes. It is one of the functions of the department to demonstrate the advantages of "improved machinery or new processes." The testing referred to in these rules may, perhaps, therefore be allowed.

I should think so.

P.R.—21-7-16.

Section II, Purchase and Erection of machinery.

8. *Rule 7*.—"Applicants may, if they wish, purchase the plant independently of the department and in such cases the preparation of plans and the erection of the plant will be undertaken on the same terms as above, subject to the condition that the plant shall be of the character indicated by the plans and estimates. If these are deviated from, the Director reserves the right of declining to undertake erection. The same rule applies to plants already purchased or the re-erection of second-hand plants. Both new and second-hand plants will be estimated at their new value for purposes of calculating fees. The Director, however, reserves the right of causing an inspection of the plant to be made (costing Rs. 10) and, notwithstanding such inspection, the Director may decline departmental assistance if he considers the plant unsuitable, badly designed or in any other way open to objection."

The first three sentences of the proposed rule are only an expansion of the following sentence which appears in rule 7 of the pumping and boring rules:—

"Individuals who have already purchased plant may apply for its erection by the department on the same terms as above."

Page 12 of G.O. 913, 26th April 1916

They do not seem to be open to any objection.

The fourth sentence seems to be rather loose. A new plant will always be

valued at its new value and this need not be specially mentioned in the rule. The difficulty is only with regard to the valuation of second-hand plant. The sentence which appears in the pumping and boring rules, viz., "to calculate fees second-hand plant will be estimated at its new value," seems to be sufficient and may be adopted. The other sentences in this rule are the same as those in the pumping and boring rules.

Mr. Tressler's draft rule 7 appears to be the same as the rule in the "Pumping and Boring rules" though differently worded.

P.R.—21-7-16.

Section III, Systematic inspection of installations.

9. *Rule 6*.—"Under scale B an initial fee of Rs. 15 will be levied which will cover the cost of inspection to the extent of its value, but no refund will be made if the value of the fee is not completely utilised. Inspections in excess of those covered by the initial fee will be charged for at the rate of Rs. 5 per visit."

The last sentence of this rule is different from that in the pumping and boring rules which prescribes a fee of "Rs. 3 per visit of a mechanical foreman and Rs. 7-8-0 for a supervisor." In paragraphs 2 and 3 of his letter the Director explains why he considers a single rate of Rs. 5 to be preferable to two different rates adopted in the pumping and boring rules. His proposal may, it is submitted, be accepted.

Rule 6 under section 3 on page 12 of G.O. 913, 26th April 1916.

P.R.—21-7-16.

He also suggests that it would be of advantage if the pumping and boring rules are also altered accordingly. This is for consideration in the Revenue Department. An extract from these notes may be sent to that department for consideration when orders have issued on the current.

10. *Rule 9*.—"The scale of fees above laid down ordinarily applies only to industrial plants of an initial value of Rs. 5,000 or less. When the value exceeds this figure, the Director has the option of increasing the fee if he considers that the machinery is of so complex a character as to require special attention."

NOTES TO G.O. No. 856, HOME (EDUCATION), 10TH AUGUST 1916

This rule is new and does not find a place in the corresponding section of the pumping and boring rules. In paragraph 4 of his letter the Director states that the majority of plants the department deals with falls within the limit of Rs. 5,000.

P.R.—21-7-16. The rule may therefore be approved. It may be noted here that in rule 4 of section 2 of the rules dealing with the purchase and erection of machinery there is a similar provision and it has also its counterpart in the pumping and boring rules.

11. Submitted that before the rules are approved they may perhaps be sent to Mr. Couchman unofficially for remarks, if any, which he may have to offer.

S.K.—20-7-16.

C.R.—20-7-16.

Mr. Couchman u.o.

P. RAJAGOPALA ACHARIYAR—21-7-16.

I have no remarks to make.

M. E. COUCHMAN—24-7-16.

It is for orders whether the rules may now be approved with the slight modifications* ordered by the Secretary on the margin of paragraphs 3 and 6 of the note on page 2 above. The pumping and boring rules were published in the Fort St George Gazette and in all district gazettes. These rules may also be similarly published. Subject to approval, a draft order is placed below. If approved, it may be sent to Revenue for acceptance.

S.K.—25-7-16.

C.R.—26-7-16.

P.R.—28-7-16.

REVENUE DEPARTMENT.

Rule 6 noted on in paragraph 9 on page 3 ante need alone be read. The alteration suggested to rule 6 of † part 3 of the rules may be considered on receipt of a copy of Proceedings of the Home (Education) Department with a copy of notes. Paragraph 2 of the draft may be accepted and the file returned to Education.

A.H.A.T.—24-8-16.

R.R.—3-8-16.

C.R.—3-8-16.

Accepted in Revenue.

A. H. A. TODD—4-8-16.

HOME (EDUCATION) DEPARTMENT.

Submitted that the draft order may now issue.

S.K.—5-8-16.

N.K.—8-8-16.

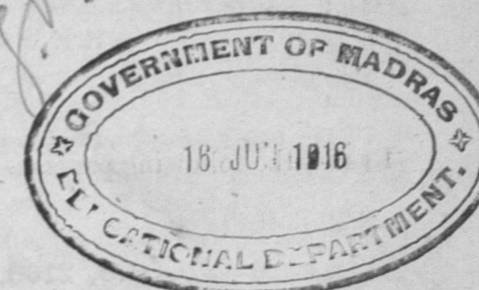
C. RAMANUJA ACHARI—9-8-16.

[G.O. No. 856, Home (Education), dated the 10th August 1916.]

CN 2076 82

Government of Madras.

REVENUE DEPARTMENT.



Recd.

Enclosures

Regd.

1916.

Spare copies 4

G.O. 913, 26th April 1916

Fees for work done in connection with the pumping and boring operations

Issuing revised rules for the levy of —.

GOVERNMENT OF MADRAS

REVENUE DEPARTMENT

READ—the following papers:—

I

G.O. 2160, Revenue, dated 19th July 1913.

ABSTRACT.—Issuing revised rules for the levy of fees for work done by the Department of Industries.

II

Letter—from K. T. B. TRESSLER, Esq., Acting Director of Industries.
To—the Secretary to Government, Revenue Department.
Dated—Madras, the 17th May 1915.
No.—19.

With reference to your reminder memorandum, dated 11th May 1915, regarding the revision of the rates of fees, I have the honour to state that a draft has been prepared but kept back whilst the pour-parlers regarding the future of the Pumping and Boring department are in progress.

If asked for, proposals can be sent now.

III

Official Memorandum 1224-C/15-1, Revenue, dated 25th May 1915.

With advertence to his letter No. 19, dated 17th May 1915, the Director of Industries is requested to submit his proposals for the revision of the rules for the levy of fees for work done by the Pumping and Boring department.

(By Order)

A. H. A. TODD,
Under Secretary to Government.

To the Director of Industries.

IV

Letter—from K. T. B. TRESSLER, Esq., Acting Director of Industries.
To—the Secretary to Government, Revenue Department.
Dated—Madras, the 31st May 1915.
No.—19.

With reference to the rules regarding the levy of fees by the department, copy of which is herewith enclosed, I have the honour to state that in Memorandum No. 2551 C/14-1, of the 6th October 1914, I was called upon to submit a report after giving the system a trial.

2. The first point I was to report on was the scale of charges levied for transport—Rs. 7-8-0 for hand boring set, Rs. 50 for power drill and Rs. 25 for test engines. The fee of Rs. 7-8-0 has worked out fairly satisfactorily. The receipts on account of transport for a period of ten months (April 1914—January 1915) amounted to approximately Rs. 1,575 and the freight charges to Rs. 2,114-7-0. The latter figure includes freight on repaired tools sent from the office and tools received for repairs from sections (amounting approximately to Rs. 500). The latter charge seems debitable to maintenance rather than transport, and so the charge seems fair. The number of cases is sufficiently large to give a fair indication of the average cost.

3. As regards power drills, very little shifting has been done and I regret that at present the number of cases is too small to give a representative average. It must be evident that the actual transport cost varies enormously in different cases especially when there are only a few plants available and I shall, for some time to come, have to continue at the Rs. 50 rate fixed, which seems to me fairly reasonable.

4. In the case of pumping engines, the gross receipts for transport have been Rs. 425 and freight expenditure Rs. 741-5-0 including nearly Rs. 300 freight on repairs and spares. The number of cases is larger than with power drills but not yet sufficiently large to give a representative average. The scale however seems to be fairly correct or will become so when arrangements are made for storing machinery locally instead of always returning it to head-quarters as is now being done.

5. The scale of charges which now gives the greatest trouble is that sanctioned for the preparation of plans and the erection of machinery (up to $2\frac{1}{2}$ per cent for plans and $2\frac{1}{2}$ per cent for erection). This scale was introduced in 1909 and has not been modified since. In practice, the charge of $2\frac{1}{2}$ per cent for the preparation of plans has not usually been levied and charges have been limited to $2\frac{1}{2}$ per cent for erection only. In cases where (as frequently happens) the ryot, after having several plans prepared, finally decides to do nothing, I am under the rules entitled to charge him $2\frac{1}{2}$ per cent for the plans but can scarcely do so as the charge is not a customary one. As a general charge, $2\frac{1}{2}$ per cent is very high and in practice, a pure percentage charge is unsatisfactory. I reckon that, under favourable conditions, it costs me Rs. 12-8-0 for the first day and Rs. 2-8-0 for every day afterwards to attend to ryots. If a ryot puts down a Rs. 3,000 plant, he pays Rs. 75 erection fees. An energetic man who does what he is told will require only two visits—one lasting two days and the other a week. This costs me about Rs. 45. On the other hand, an unbusinesslike man may require attention four or five times and may cost me much more than he pays.

6. In some cases, we are asked to erect a small pump or something of that kind costing say Rs. 300. Such a job will require at least three days and will cost say Rs. 17-8-0 but I get only Rs. 7-8-0.

On the other hand, calculations based on days are liable to lead to much dispute and what I suggest is a fixed minimum of Rs. 15 plus $2\frac{1}{2}$ per cent to cover plans and erection, the Director having powers to allow rebates up to 1 per cent for speedy completion. If the work is not actually carried out, Rs. 15 will be kept to cover the cost of plans and the balance refunded. For work costing more than Rs. 5,000 special terms will be quoted.

7. Regarding hand boring sets, cases have arisen in which applicants wished to hire the plant on a monthly basis. Such an arrangement is very convenient and is provided for in the revised rules.

8. Otherwise, with the exception of the slight modifications noted in this draft, I have no further changes to suggest.

9. The proposed revised modification is submitted herewith. It is suggested that the general conditions be printed at the head of each section and each section printed on a separate sheet of paper.

ENCLOSURE.

NOTIFICATION.

Rules for the levy of fees for work done by the Department of Industries.

Subject to the rules hereinafter mentioned the Department of Industries offer the following services, viz., information and advice, assistance in the erection of machinery, systematic inspection of installations and the use of pumping and boring plants.

2. The services of the department are offered subject to the following general conditions:—

(i) All fees or other charges leviable under the rules governing departmental assistance are strictly payable in advance.

Note.—In cases where the levy of fees is likely to operate as an undue burden on the slender resources of applicants, the Director of Industries may at his discretion remit such fees wholly or in part.

(ii) All fees and other charges levied under these rules will be credited to Government.

(iii) Refunds of fees will not generally be made but in the case of advances any surplus which may remain unspent after the work is completed will be returned.

(iv) Though every effort will be made to meet the reasonable demands of the public as promptly as possible, the department offers no guarantee whatever in respect of time.

(v) The acceptance of the services of the department implies the acceptance of the general rules and conditions laid down in this notification.

I.—Information and advice.

In connection with the Department of Industries a Bureau of Industrial Information has been started and general information and advice is given free of charge, so far as information is available and advice can be given without local inspection.

2. In cases when information and advice can be given only after local inspection, such inspection can be arranged for on payment of a fee of Rs. 10 for every inspection, when the inspection is made by a supervisor. If inspection by an officer of higher standing is required, special rates will be charged the nature of which may be obtained on application.

3. When such an inspection is made in connection with the installation of plant, but applicants do not desire to have the plant purchased or erected by the Department of Industries, the inspection report will include a statement of the class of plant required and a sketch plan.

4. In cases where the plant is to be purchased or erected by the department, the charges leviable are shown in the section (II) "purchase and erection of machinery".

II.—Purchase and erection of machinery.

The department will on demand undertake the ordering of plant, the preparation of plans and the erection of machinery. In such cases, a deposit of not less than Rs. 250 or approximately 15 per cent of the value of the plant (whichever is greater) must be made.

The fee actually charged for this service is 2½ per cent on estimate plus Rs. 25 (which includes the inspection fee). If an inspection fee has previously been paid on account of the same scheme the charge is reduced by Rs. 10. In addition to this fee a small sum will be retained as an advance for contingencies (the balance being returnable on the completion of the work) and the remainder paid as advances to machinery agents for supply of plant.

2. If applicants wish to modify their scheme or to abandon it after an inspection has been made they will be charged Rs. 10: if, after plans have been prepared, they will be charged Rs. 15 for each set of plans. Provided no orders have been placed, the balance of advance will be refunded.

3. The department can take no responsibility for any losses arising from applicants changing their minds after orders have been placed.

4. These terms apply only to the erection of plant costing less than Rs. 5,000 and cover only supervision; all materials and labour must be found by the applicant. If building work is to be supervised, or if the plant is to cost more than Rs. 5,000, special terms will be arranged.

5. To encourage expedition the Director has powers to allow a rebate up to 1 per cent on erection charges if the work is rapidly completed.

6. No plans will be prepared and no plant will be ordered unless it is to be erected by the department or the supplying firm.

7. Individuals who have already purchased plant may apply for its erection by the department on the same terms as above. To calculate fees, second hand plant will be estimated at its new value. The Director however reserves the right of causing an inspection of the plant to be made (costing Rs. 10) and notwithstanding such inspection the Director may decline departmental assistance if he considers the plant unsuitable, badly designed or in any other way open to objection.

III.—Systematic Inspection of Installations.

The department will arrange for the systematic inspection of industrial installations. Inspections will be of two kinds, viz., "routine inspections" made at the convenience of the department and "special inspections" made on the urgent requisition of the applicant.

2. The fees for inspection will be determined on two scales, A and B, according to requirements.

3. Scale A provides for routine inspections. Under this scale an applicant is entitled to a minimum of three inspections annually or such greater number as it may be convenient to arrange. In cases of sudden breakdowns special assistance will also be rendered but scale A is intended to apply only to installations where the necessity for special inspections is not frequent. The Director of Industries may at his discretion cancel any arrangement under scale A at the close of the official year if he considers that requisitions for special assistance have been unnecessarily frequent.

4. Scale B provides for the inspection of installations where the number of requisitions for special inspections is beyond that contemplated in scale A. Under scale B no routine inspections will be made and an application should be made every time an inspection is required.

5. The fee leviable under scale A is Rs. 15 per annum for each installation.

6. Under scale B an initial fee of Rs. 15 will be levied which will cover the cost of inspections to the extent of its value, but no refunds will be made if the value of the fee is not completely utilized. Inspections in excess of those covered by the initial fee will be charged for at the rate of Rs. 3 per visit of a mechanical foreman and Rs. 7-8-0 for a supervisor.

7. No installation will be inspected unless fees under one of the two scales are first paid. In cases of non-payment a notice will be issued by the department. If payment is then refused no subsequent assistance of any kind will be given except by special order of the Director of Industries and then only on payment of such additional fees as he may prescribe.

8. The fees mentioned in rules 5 and 6 above will not cover any actual outlay on any repair work carried out by the department which must be paid for in addition by the applicant.

9. Systematic inspection of a plant will be undertaken only after it has been examined and found to be in good condition. If it is not in good condition the applicant will be informed what repairs are required and systematic inspection will be undertaken only on completion of the repairs. If the applicant desires that the repairs should be executed under departmental supervision, a fee of Rs. 10 will be charged for such supervision.

10. The Director of Industries may without assigning any reason refuse to undertake systematic inspection of any plant or installation.

IV.—Boring Plant—Hand-boring Apparatus.

The hand-boring tools with which the department is provided will drill to a depth of 100 to 150 feet in ordinary soils but are unsuitable for boring in rocky tracts. Where deeper borings or borings in rocky tracts are required a power drill—vide section V infra—should be used.

2. Enquiries concerning borings should be addressed either to the maistry in charge of the local boring party, to the local supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. When a boring party is established in a taluk the fact will be notified in the District Gazette. Applications for borings within the notified areas will be registered on payment of a transport fee of Rs. 7-8-0 and an advance of Rs. 10.

4. Borings outside the notified areas cannot be undertaken except by special arrangement and on special terms to be settled beforehand. Ordinarily applications for borings outside the notified areas will be recorded for future reference. They will not be registered and no fees and advances will be accepted therefor.

5. If the limits of the tract where a boring party is established be extended at any subsequent time, the fact will be notified to all persons whose applications for borings in the extended area have already been recorded. If on receipt of the notice the applicants pay a sum of Rs. 17-8-0 as provided in rule 3 above, the applications will be registered. If no payment is made within a reasonable time after the receipt of the notice, the applications will be regarded as cancelled.

6. The order in which the registered applications will be attended to will be decided by the department with reference to the locality where borings have to be made and the applicants will be duly informed when the boring tools can be placed at their disposal. The department will make arrangements to bring the tools to the site of the proposed boring. If the applicants do not accept the tools when offered, the transport fee will be forfeited and the advance returned.

7. The transport fee is intended to cover the cost of the carriage of the tools to the site proposed for boring. No part of it will be returned to the applicant whatever may be the cost of transport in any particular case nor on the other hand will any further charge be made should the cost of transport exceed the sum of Rs. 7-8-0.

8. The fee for the use of the hand-boring tools is Rs. 1-8-0 a day. This fee covers the hire of the tools and the wages of the maistry in charge thereof. All other charges connected with the work should be borne by the applicant.

9. The advance of Rs. 10 will cover the boring fees to the extent of its value. When the original advance is exhausted further advances should be paid at once. As borings will on no account be put down on credit, the work will be stopped and the tools removed immediately the advance is exhausted unless further advances are paid.

10. On the completion of the boring, any sum still to the credit of the applicant will be returned.

11. Fees will be charged for the use of the boring tools for every day that they remain at the work-spot but as an act of grace the fees may be remitted for the time during which they may be kept idle on account of accident, heavy rain or other causes beyond the control of the applicants. The time during which the tools are kept idle on account of the exhaustion of advance, lack of labour or other avoidable causes will be charged for in full.

12. The results of a boring will be communicated to the applicant who will be advised what steps he should take to utilize the water-supply available.

13. In cases where sub-artesian water is met with, arrangements will be made, if the applicant so desires, to put down permanent lining tubes, the cost of which must be borne by him.

14. Hand-boring plants may also be hired by the month at the following rates:—

	RS.
One month	50
Three months	125
Six	225

The monthly hire is subject to certain conditions which can be ascertained on application to the Director of Industries.

15. The Director of Industries may, without assigning any reason, decline to put down any boring and return to the applicant any sums that may have been paid by him.

V.—Boring Plant—Power Drills.

The power drills with which the department is provided will ordinarily drill to a depth of 500 to 800 feet in any kind of rock.

2. Enquiries concerning power drills should be addressed either to the local supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. No fees or advances will, in the first instance, be demanded, but a register of applications for the use of power drills will be maintained.

4. The order in which the registered applications will be attended to will be decided by the department with reference to the locality where borings have to be put down and applicants will be duly informed when a power drill can be placed at their disposal. Immediately on receipt of notice, the applicants should remit a transport fee of Rs. 50 and an advance of Rs. 50. If the amount is not paid within a reasonable time after the receipt of the notice the application will be regarded as cancelled.

5. The department will make arrangements to take the drill to the site of the proposed boring. The transport fee is intended to cover the cost of carriage and no part of it will be returned whatever may be the cost of transport in any particular case nor on the other hand will any further charge be made should the cost of transport exceed the sum of Rs. 50. If the drill is not accepted when offered the transport fee will be forfeited.

6. The fee for the use of a power drill is Rs. 5 a day subject to a minimum of Rs. 25. This fee covers the hire of the drill and the wages of the trained staff (foreman and driver) necessary for its working. All other charges connected with the work should be borne by the applicant.

7. Applicants should supply cooly labourers and provide the fuel and oil required for the use of the plant or pay the foreman in charge a sufficient sum for purchase of the necessary stores on their behalf. Receipts will be given for sums so paid.

8. The original advance of Rs. 50 covers the hire of the drill for ten days. When that sum is exhausted further advances must be paid at once. As boring will on no account be done on credit, the work will be stopped and the drill removed immediately the advance is exhausted unless further advances are duly paid.

9. On the completion of the boring any sum still to the credit of the applicant will be returned subject to the deduction of the minimum fee prescribed in rule 6.

10. Fees will be charged for the use of the drill for every day that it remains at the work-spot but as an act of grace fees may be remitted for the time during which the drill is kept idle on account of accident, heavy rain or other causes beyond the control of the applicants. The time during which the drill is kept idle on account of the exhaustion of the advance, lack of labour or other avoidable causes will be charged for in full.

11. The results of a boring will be communicated to the applicant who will be advised what steps he should take to utilize the water-supply available.

12. In cases where sub-artesian water is met with, arrangements will be made, if the applicant so desires, to put down permanent lining tubes, the cost of which should be borne by him.

13. The Director of Industries may without assigning any reason decline to put down any boring and return to the applicant any sum that may have been paid by him.

VI.—Pumping plant.

The engines with which the department is provided are capable of pumping from 150 to 325 gallons per minute on a total lift up to 50 ft.

2. Enquiries concerning pumping plant should be addressed either to the local supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. No fees or advances will, in the first instance, be demanded, but a register of applications for the use of pumping engines will be maintained.

4. The order in which the registered applications will be attended to will be decided by the department with reference to locality and applicants will be duly informed when a pumping plant can be placed at their disposal. Immediately on receipt of the notice, the applicants should pay a transport fee of Rs. 25 and an advance of Rs. 25. If the amount is not paid within a reasonable time after receipt of notice the application will be regarded as cancelled.

5. The department will make arrangements to carry the plant to the site. The transport fee is intended to cover the cost of the carriage of the plant. No part of it will be returned to the applicant whatever may be the cost of transport in any particular case; but on the other hand no additional charge will be made should the cost of transport exceed the above fee. The fee will be forfeited if the plant is not accepted when offered.

6. The fee for the use of a pumping plant is Rs. 3 a day subject to a minimum of Rs. 15. This fee covers the hire of the plant and the wages of the trained driver in charge thereof. All other charges connected with the work must be borne by the applicant.

7. Applicants should supply cooly labourers and provide the fuel and oil required for the plant or pay the driver in charge a sufficient sum for the purchase of the necessary stores on their behalf. Receipts will be given for sums so paid.

8. The advance of Rs. 25 covers the hire of the plant for about eight days. When that sum is exhausted further advances should be paid at once. As pumping will on no account be done on credit the work will be stopped and the plant removed immediately the advance is exhausted unless further advances are duly paid.

9. On the completion of the pumping, any sum still to the credit of the applicant will be returned subject to the deduction of the minimum fee prescribed in rule 6.

10. Fees will be charged for the use of the test engine for every day that it remains at the work-spot but as a matter of grace fees may be remitted for the time during which it is kept idle on account of accident, heavy rain or other causes beyond the control of the applicants. The time during which the test engine is kept idle on account of the exhaustion of the advance, lack of labour or other avoidable causes will be charged for in full.

11. Certain special pumping engines working on liquid fuel are also available for monthly hire on the following terms:—

	RS.
For one month	60
For three months	120
For six months	200

A transport fee of Rs. 25 will be levied in addition to cover the cost of carriage of the plants. The conditions of monthly hire are otherwise the same as those governing daily hire. No refunds will be made if the plant is not required for the full period for which it is hired. The Director, however, reserves to himself the right of withdrawing an engine without giving reasons before the expiration of the period of hire and refunding the advance paid and the daily hire calculated at the rate of Rs. 2 per day. On the other hand, applicants may extend the period of hire by paying the difference according to the above scale, provided that the hiring is continuous. In the latter case, no additional transport fee will be levied.

12. The Director of Industries may, without assigning any reason, decline to lease out the pumping plant and return to the applicant any sum that may have been paid by him.

VII.—Blasting apparatus.

The blasting apparatus with which the department is provided is intended for the explosion of wells or boreholes with a view to increasing the water-supply. Blasting will ordinarily be of use only in hard rocky soils.

2. Enquiries concerning the blasting apparatus should be addressed to the local Supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. Applications for the use of the apparatus will be registered on payment of an advance of Rs. 10. The order in which the registered applications will be attended to will be decided by the department with reference to locality and the applicants will be duly informed when the apparatus can be placed at their disposal. If the blasting apparatus is not accepted when offered the advance will be forfeited.

4. The advance covers the cost of one blast. For each extra blast a fee of Rs. 5 will be charged.

5. The results of the blasting will be communicated to the applicants and they will be informed what further action the results obtained suggest.

6. The Director of Industries may, without assigning any reason, decline to carry out any blasting and return to the applicant any sum that may have been paid by him.

V

Letter—from K. T. B. TRESSLER, Esq., Director of Industries.
To—the Secretary to Government, Revenue Department.
Dated—Madras, the 23rd November 1915.
No.—A-28.

I have the honour to solicit early orders on this office letter 19, dated 1st June 1915, regarding revision of rules for the levy of fees for the work done by this department.

2. Copies of the rules are required in considerable numbers and are now out of stock. It seems undesirable to reprint the old rules.

VI

Official Memorandum 1333 C/15-1, Revenue, dated 1st December 1915.

With reference to his letter A-28, dated 23rd November 1915, the Director of Industries is informed that the revision of the rules for the levy of fees for work done by the Pumping and Boring Department will be taken into consideration as soon as a decision is arrived at on the question of the transfer of the Pumping and Boring Department to the Director of Agriculture. In the meantime if copies of the rules are urgently required, the Director of Industries is authorised to get reprinted at the Government Press a supply of those now in force sufficient to last for a period of three months.

(By Order)

A. H. A. TODD,
Under Secretary to Government.

To the Director of Industries.
Superintendent, Government Press.

VII

Letter—from K. T. B. TRESSLER, Esq., Director of Industries.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 8th March 1916.
No.—A-28.

I have the honour to state that last June I submitted proposals regarding the revision of the scale of fees in the Department of Industries as called for in Memorandum 2551-C/14-1, dated the 6th October 1914.

2. On these proposals no orders have as yet been passed and the further experience gained during the last eight months suggests one or two emendations. These are as follows :—

Notification II.—Purchase and erection of machinery.

In my proposal there are 7 paragraphs and I propose to add an eighth to cover occasional visits which are now being asked for. The notification, as it stands, covers merely the purchase and erection of new machinery; but it often happens that people require the services of a departmental subordinate for shifting plant, running plant for a certain time or any other engineering purpose. To such cases a percentage charge is inapplicable and I accordingly propose a fee of Rs. 7-8-0 and Rs. 3 respectively for the services of supervisors or mechanics, the first day's charge being however Rs. 15 and 10 respectively in order to cover the cost of travelling. The additional paragraph I propose will run as follows :—

"8. When the engineering services of the department are required for purposes other than the original erection of plant, they will be charged for at daily rates as follows :—

For a supervisor, Rs. 15 for the first day plus Rs. 7-8-0 for every subsequent day.
For a mechanic, Rs. 10 for the first day plus Rs. 3 for every subsequent day.

If there is any break in continuity, the first day's fee will again become chargeable for any subsequent visit."

Notification IV.—Boring Plant—Hand Boring.

The present daily rate of hire is Rs. 1-8-0 a day plus transport fee of Rs. 7-8-0. The monthly rate of hire is Rs. 50 for one month, Rs. 125 for three months and Rs. 225 for six months. The average number of working days in the year is not much more than 220. Hence the monthly rates of hire come to considerably more than the daily rates. Last year I started keeping exact accounts of the cost of each set so as to find out exactly what working costs amounted to and I find that Rs. 1-8-0 a day does not cover. Taking the average of the seven best boring maistris, the average cost per month over a long period is as follows :—

	RS.	A.	P.
Pay	25	0	0
Travelling allowance	2	8	0
Repairs	8	0	0
Freight	2	8	0
Interest	4	0	0
Total	42	0	0

This calculation is based on the average of the best sets and working of these sets is in my opinion certainly as efficient as can possibly be expected. The worse sets show considerably higher expenditure; but I do not consider it necessary to charge ryots for the shortcomings of departmental subordinates. On the figures shown (which do not include supervision) it seems to me that the monthly rates are low but fair. The daily rates, on the other hand, are much too low. The average number of working days per month is between 20 and 22 for the best sets and I consider therefore that the charge of Rs. 1-8-0 per day should be increased to Rs. 2.

I observe also that in paragraph 14 of this section the transport charges are not mentioned. I accordingly propose the following changes :—

Paragraph 8.—For "Rs. 1-8-0" substitute "Rs. 2".

Paragraph 14.—After "six months Rs. 225" add "In addition to these charges, the usual transport fee of Rs. 7-8-0 has to be paid".

Notification VI.—Pumping plant.

When the original proposals were submitted, there was little demand for the long period of hire the departmental plant and the rates were therefore fixed as low as possible. It is now found that the demand greatly exceeds the resources of the department and also that the scale of monthly charges is too low. I accordingly propose that they should be increased as follows :—

	RS.
For one month	75
For three months	150
For six months	250

I also propose to alter the figure of Rs. 2 occurring seven lines further down to Rs. 3.

3. The changes suggested are given categorically in the annexed correction slip.

4. As the continuation of the present system leads to a certain amount of loss, I request that early sanction may be accorded to the notification as submitted by me last June and as now revised.

ENCLOSURE.

CORRIGENDA.

Notification II.—Purchase and erection of machinery.

Add paragraph 8.—When the engineering services of the department are required for purposes other than the original erection of plant, they will be charged for at daily rates as follows :—

For a supervisor, Rs. 15 for the first day plus Rs. 7-8-0 for every subsequent day.
For a mechanic, Rs. 10 for the first day plus Rs. 3 for every subsequent day.

If there is any break in continuity, the first day's fee will again become chargeable for any subsequent visit.

Notification IV.—Boring plant—Hand boring.

Paragraph 8.—For "Rs. 1-8-0" substitute "Rs. 2".

Paragraph 14.—After "Six months Rs. 225" add "In addition to these charges, the usual transport fee of Rs. 7-8-0 has to be paid."

Notification No. VI.—Pumping plant.

Paragraph 11.—For—

	RS.
"For one month	60
"For three months	120
"For six months	200 "

Substitute—

"For one month	75
"For three months	150
"For six months	250 "

In the same paragraph for "refunding the advance paid and the daily hire calculated at the rate of Rs. 2 per day."

Substitute—

"refunding the advance paid less the daily hire calculated at the rate of Rs. 3 per day."

Order—913, Revenue, dated 26th April 1916.

The revised rules appended to this order are approved. They apply only to work done in connection with pumping and boring operations. They will be published in the *Fort St. George Gazette* and in all district gazettes.

Miscellaneous.

2. As regards the suggestion contained in paragraph 9 of the second letter from the Director of Industries, the Government consider that it is unnecessary to print the general conditions at the head of each section of the rules or to print each section on a separate sheet of paper.

(True Extract)

J. P. BEDFORD,
Acting Secretary to Government.

To the Director of Industries.
" Educational Department.
" Board of Revenue (Revenue Settlement).
" Superintendent, Government Press, for publication of notification.

Forwarded to the *Educational Department*
(By Order)

Whillanta Riga
Superintendent.

[Appendix.

APPENDIX.

Rules for the levy of fees for work done in connection with pumping and boring operations.

Subject to the rules hereinafter mentioned the Department of Industries gives general information and advice, assists in the preparation of plans and in the purchase and erection of machinery, undertakes the systematic inspection of installations and places at the disposal of the public the following plant:—

- (i) Hand-boring apparatus.
- (ii) Power drills.
- (iii) Portable pumping plant.
- (iv) Blasting apparatus.

2. The services of the department are offered subject to the following general conditions:—

(i) All fees or other charges leviable under the rules governing departmental assistance are strictly payable in advance.

Note.—In cases where the levy of fees is likely to operate as an undue burden on the slender resources of applicants the Director of Industries may at his discretion remit such fees wholly or in part.

(ii) All fees and other charges levied under these rules will be credited to Government.

(iii) Refunds of fees will not generally be made but in the case of advances any surplus which may remain unspent after the work is completed will be returned.

(iv) Though every effort will be made to meet the reasonable demands of the public as promptly as possible, the department offers no guarantee whatever in respect of time.

(v) The acceptance of the services of the department implies the acceptance of the general rules and conditions laid down in this notification.

I.—Information and advice.

1. General information and advice is given free of charge so far as the information is available and advice can be given without local inspection.

2. In cases when information and advice can be given only after local inspection, such inspection can be arranged for on payment of a fee of Rs. 10 for every inspection when the inspection is made by a supervisor. If inspection by an officer of higher standing is required special rates will be charged the nature of which may be obtained on application.

3. When such an inspection is made in connection with the installation of plant, but applicants do not desire to have the plant purchased or erected by the Department of Industries, the inspection report will include a statement of the class of plant required and a sketch plan.

4. In cases where the plant is to be purchased or erected by the department, the charges leviable are shown in section II "Purchase and Erection of Machinery."

II.—Purchase and erection of machinery.

1. The department will, on demand, undertake the ordering of plant, the preparation of plans and the erection of machinery. In such cases a deposit of not less than Rs. 250 or approximately 15 per cent of the value of the plant (whichever is greater) must be made.

The fee actually charged for this service is 2½ per cent on estimate plus Rs. 25 (which includes the inspection fee). If an inspection fee has previously been paid on account of the same scheme the charge is reduced by Rs. 10. In addition to this fee a small sum will be retained as an advance for contingencies (the balance being returnable on the completion of the work) and the remainder paid as advances to machinery agents for supply of plant.

2. If applicants wish to modify their scheme or to abandon it after an inspection has been made, they will be charged Rs. 10; if after plans have been prepared, they will be charged Rs. 15 for each set of plans. Provided no orders have been placed, the balance of advance will be refunded.

3. The department can take no responsibility for any losses arising from applicants changing their minds after orders have been placed.

4. These terms apply only to the erection of plant costing less than Rs. 5,000 and cover only supervision. All materials and labour must be found by the applicant. If building work is to be supervised or if the plant is to cost more than Rs. 5,000, special terms will be arranged.

5. To encourage expedition the Director has powers to allow a rebate up to 1 per cent on erection charges if the work is rapidly completed.

6. No plans will be prepared and no plant will be ordered unless it is to be erected by the department or by the supplying firm.

7. Individuals who have already purchased plant may apply for its erection by the department on the same terms as above. To calculate fees, second hand plant will be estimated at its new value. The Director, however, reserves the right of causing an inspection of the plant to be made (costing Rs. 10) and notwithstanding such inspection the Director may decline departmental assistance if he considers the plant unsuitable badly designed or in any other way open to objection.

8. When the engineering services of the department are required for purposes other than the original erection of plant, they will be charged for at daily rates as follows:—

For a supervisor, Rs. 15 for the first day plus Rs. 7-8-0 for every subsequent day.

For a mechanic, Rs. 10 for the first day plus Rs. 3 per every subsequent day.

If there is any break in continuity, the first days' fee will again become chargeable for any subsequent visit.

III.—Systematic inspection of installations.

1. The department will arrange for the systematic inspection of installations. Inspections will be of two kinds, viz., "routine inspections" made at the convenience of the department and "special inspections" made on the urgent requisition of the applicant.

2. The fees for inspection will be determined on two scales, A and B, according to requirements.

3. Scale A provides for routine inspections. Under this scale an applicant is entitled to a minimum of three inspections annually or such greater number as it may be convenient to arrange. In cases of sudden breakdowns special assistance will also be rendered but scale A is intended to apply only to installations where the necessity for special inspections is not frequent. The Director of Industries may at his discretion cancel any arrangement under scale A at the close of the official year if he considers that requisitions for special assistance have been unnecessarily frequent.

4. Scale B provides for the inspection of installations where the number of requisitions for special inspections is beyond that contemplated in scale A. Under scale B no routine inspections will be made and an application should be made every time an inspection is required.

5. The fee leviable under scale A is Rs. 15 per annum for each installation.

6. Under scale B an initial fee of Rs. 15 will be levied which will cover the cost of inspections to the extent of its value, but no refunds will be made if the value of the fee is not completely utilized. Inspections in excess of those covered by the initial fee will be charged for at the rate of Rs. 3 per visit of a mechanical foreman and Rs. 7-8-0 for a supervisor.

7. No installation will be inspected unless fees under one of the two scales are first paid. In cases of non-payment a notice will be issued by the department. If payment is then refused no subsequent assistance of any kind will be given except by special order of the Director of Industries and then only on payment of such additional fees as he may prescribe.

8. The fees mentioned in rules 5 and 6 *supra* will not cover any actual outlay on any repair work carried out by the department which must be paid for in addition by the applicant.

9. Systematic inspection of a plant will be undertaken only after it has been examined and found to be in good condition. If it is not in good condition the applicant will be informed what repairs are required and systematic inspection will be undertaken only on completion of the repairs. If the applicant desires that the repairs should be executed under departmental supervision, a fee of Rs. 10 will be charged for such supervision.

10. The Director of Industries may without assigning any reason refuse to undertake systematic inspection of any plant or installation.

IV.—Boring plant—hand-boring apparatus.

1. The hand-boring tools with which the department is provided will drill to a depth of 100 to 150 feet¹ in ordinary soils but are unsuitable for boring in rocky tracts. Where deeper borings or borings in rocky tracts are required a power drill—*vide* section V *infra*—should be used.

2. Enquiries concerning borings should be addressed either to the maistry in charge of the local boring party, to the local supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. When a boring party is established in a taluk the fact will be notified in the District Gazette. Applications for borings within the notified areas will be registered on payment of a transport fee of Rs. 7-8-0 and an advance of Rs. 10.

4. Borings outside the notified areas cannot be undertaken except by special arrangement and on special terms to be settled beforehand. Ordinarily applications for borings outside the notified areas will be recorded for future reference. They will not be registered and no fees and advances will be accepted therefor.

5. If the limits of the tract where a boring party is established be extended at any subsequent time, the fact will be notified to all persons whose applications for borings in the extended area have already been recorded. If on receipt of the notice the applicants pay a sum of Rs. 17-8-0 as provided in rule 3 above, the applications will be registered. If no payment is made within a reasonable time after the receipt of the notice, the applications will be regarded as cancelled.

6. The order in which the registered applications will be attended to will be decided by the department with reference to the locality where borings have to be made and the applicants will be duly informed when the boring tools can be placed at their disposal. The department will make arrangements to bring the tools to the site of the proposed boring. If the applicants do not accept the tools when offered, the transport fee will be forfeited and the advance returned.

7. The transport fee is intended to cover the cost of the carriage of the tools to the site proposed for boring. No part of it will be returned to the applicant whatever may be the cost of transport in any particular case nor on the other hand will any further charge be made should the cost of transport exceed the sum of Rs. 7-8-0.

8. The fee for the use of the hand boring tools is Rs. 2 a day. This fee covers the hire of the tools and the wages of the maistry in charge thereof. All other charges connected with the work should be borne by the applicant.

9. The advance of Rs. 10 will cover the boring fees to the extent of its value. When the original advance is exhausted further advances should be paid at once. As borings will on no account be put down on credit, the work will be stopped and the tools removed immediately the advance is exhausted unless further advances are paid.

10. On the completion of the boring, any sum still to the credit of the applicant will be returned.

11. Fees will be charged for the use of the boring tools for every day that they remain at the work-spot but as an act of grace the fees may be remitted for the time during which they may be kept idle on account of accident, heavy rain or other causes beyond the control of the applicants. The time during which the tools are kept idle on account of the exhaustion of advance, lack of labour or other avoidable causes will be charged for in full.

12. The results of a boring will be communicated to the applicant who will be advised what steps he should take to utilize the water-supply available.

13. In cases where sub-artesian water is met with, arrangements will be made, if the applicant so desires, to put down permanent lining tubes, the cost of which must be borne by him.

14. Hand-boring plants may also be levied by the month at the following rates:—

	RS.
One month	50
Three months	125
Six months	225

In addition to these charges the usual transport fee of Rs. 7-8-0 has to be paid. The monthly hire is subject to certain conditions which can be ascertained on application to the Director of Industries.

15. The Director of Industries may without assigning any reason decline to put down any boring and return to the applicant any sums that may have been paid by him.

V.—Boring plant—power drills.

1. The power drills with which the department is provided will ordinarily drill to a depth of 500 to 800 feet in any kind of rock.

2. Enquiries concerning power drills should be addressed either to the local supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. No fees or advances will, in the first instance, be demanded, but a register of applications for the use of power drills will be maintained.

4. The order in which the registered applications will be attended to will be decided by the department with reference to the locality where borings have to be put down and applicants will be duly informed when a power drill can be placed at their disposal. Immediately on receipt of notice, the applicants should remit a transport fee of Rs. 50 and an advance of Rs. 50. If the amount is not paid within a reasonable time after the receipt of the notice the application will be regarded as cancelled.

5. The department will make arrangements to take the drill to the site of the proposed boring. The transport fee is intended to cover the cost of carriage and no part of it will be returned whatever may be the cost of transport in any particular case nor on the other hand will any further charge be made should the cost of transport exceed the sum of Rs. 50. If the drill is not accepted when offered the transport fee will be forfeited.

6. The fee for the use of a power drill is Rs. 5 a day subject to a minimum of Rs. 25. This fee covers the hire of the drill and the wages of the trained staff (foreman and driver) necessary for its working. All other charges connected with the work should be borne by the applicant.

7. Applicants should supply coolly labourers and provide the fuel and oil required for the use of the plant or pay the foreman in charge a sufficient sum for purchase of the necessary stores on their behalf. Receipts will be given for sums so paid.

8. The original advance of Rs. 50 covers the hire of the drill for ten days. When that sum is exhausted further advances must be paid at once. As boring will on no account be done on credit, the work will be stopped and the drill removed immediately the advance is exhausted unless further advances are duly paid.

9. On the completion of the boring any sum still to the credit of the applicant will be returned subject to the deduction of the minimum fee prescribed in rule 6.

10. Fees will be charged for the use of the drill for every day that it remains at the workspot but as an act of grace fees may be remitted for the time during which the drill is kept idle on account of accident, heavy rain or other causes beyond the control of the applicants. The time during which the drill is kept idle on account of the exhaustion of the advance, lack of labour or other avoidable causes will be charged for in full.

11. The results of a boring will be communicated to the applicant who will be advised what steps he should take to utilize the water-supply available.

12. In cases where sub-artesian water is met with, arrangements will be made, if the applicant so desires, to put down permanent lining tubes, the cost of which should be borne by him.

13. The Director of Industries may without assigning any reason decline to put down any boring and return to the applicant any sum that may have been paid by him.

VI.—Pumping Plant.

1. The engines with which the department is provided are capable of pumping from 150 to 325 gallons per minute on a total lift up to 50 ft.

2. Enquiries concerning pumping plant should be addressed either to the local supervisor of the department or to the Director of Industries, Post Box No. 454, Madras.

3. No fees or advances will, in the first instance, be demanded, but a register of applications for the use of pumping engines will be maintained.

4. The order in which the registered applications will be attended to will be decided by the department with reference to locality and applicants will be duly informed when a pumping plant can be placed at their disposal. Immediately on receipt of the notice, the applicants should pay a transport fee of Rs. 25 and an advance of Rs. 25. If the amount is not paid within a reasonable time after receipt of notice the application will be regarded as cancelled.

5. The department will make arrangements to carry the plant to the site. The transport fee is intended to cover the cost of the carriage of the plant. No part of it will be returned to the applicant whatever may be the cost of transport in any particular case; but on the other hand no additional charge will be made should the cost of transport exceed the above fee. The fee will be forfeited if the plant is not accepted when offered.

6. The fee for the use of a pumping plant is Rs. 3 a day subject to a minimum of Rs. 15. This fee covers the hire of the plant and the wages of the trained driver in charge thereof. All other charges connected with the work must be borne by the applicant.

7. Applicants should supply coolly labourers and provide the fuel and oil required for the plant or pay the driver in charge a sufficient sum for the purchase of the necessary stores on their behalf. Receipts will be given for sums so paid.

8. The advance of Rs. 25 covers the hire of the plant for about eight days. When that sum is exhausted further advances should be paid at once. As pumping will on no account be done on credit, the work will be stopped and the plant removed immediately the advance is exhausted unless further advances are duly paid.

9. On the completion of the pumping, any sum still to the credit of the applicant will be returned subject to the deduction of the minimum fee prescribed in rule 6.

10. Fees will be charged for the use of the pumping plant for every day that it remains at the work-spot but as a matter of grace fees may be remitted for the time during which it is kept idle on account of accident, heavy rain or other causes beyond the control of the applicants. The time during which the pumping plant is kept idle on account of the exhaustion of the advance, lack of labour or other avoidable causes will be charged for in full.

11. Certain special pumping plant working on liquid fuel are also available for monthly hire on the following terms:—

For one month	...	...	...	...	...	...	...	75
For three months	...	...	...	...	...	...	...	150
For six months	...	...	...	...	...	...	...	250

A transport fee of Rs. 25 will be levied in addition to cover the cost of carriage of the plant. The conditions of monthly hire are otherwise the same as those governing daily hire. No refunds will be made if the plant is not required for the full period for which it is hired. The Director, however, reserves to himself the right of withdrawing an engine without giving reasons before the expiration of the period of hire and refunding the advance paid less the daily hire calculated at the rate of Rs. 3 per day. On the other hand, applicants may extend the period of hire by paying the difference according to the above scale, provided that the hiring is continuous. In the latter case no additional transport fee will be levied.

12. The Director of Industries may, without assigning any reason, decline to lease out the pumping plant and return to the applicant any sum that may have been paid by him.

VII.—Blasting apparatus.

1. The blasting apparatus with which the department is provided is intended for the explosion of wells or boreholes with a view to increasing the water-supply. Blasting will ordinarily be of use only in hard rocky soils.

2. Enquiries concerning the blasting apparatus should be addressed to the local supervisor of the department or to the Director of Industries, Post Pox No. 454, Madras.

3. Applications for the use of the apparatus will be registered on payment of an advance of Rs. 10. The order in which the registered applications will be attended to will be decided by the department with reference to locality and the applicants will be duly informed when the apparatus can be placed at their disposal. If the blasting apparatus is not accepted when offered, the advance will be forfeited.

4. The advance covers the cost of one blast. For each extra blast a fee of Rs. 5 will be charged.

5. The results of the blasting will be communicated to the applicants and they will be informed what further action the results obtained suggest.

6. The Director of Industries may, without assigning any reason, decline to carry out any blasting and return to the applicant any sum that may have been paid by him.

” ” ” ” ” 191

C. No. 2076, From the _____, No. _____, dated _____ 191

2423 A.S. A28 3. 7. 1916

" " " " "..... " " 191

No. 856, dated 10. 8. 1916

~~Miss~~
Press

The Govt approve with certain ~~shifts~~ a modifications the draft rules submitted by the Director of Industries for the levy of fees for work done in connection with industrial ~~installations~~ ^(Other than those connected with pumping & hydropower) installations. The rules as ~~modified~~ modified are appended to these proceedings. They will be published in the Govt. G.O. & all District Gazettes.

16 58

2. Separate orders will
issue in the Revenue Dept.
in regard to the suggestion
made by the Director
in para 3 of his letter
to alter rule 6 of Section
III of the rules for the
levy of fees for pumping
and boring installations.

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pages of cf.

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not sent
to Rev.
26.9.16

To

The S.I.

S.G.P. for publication
Copy to the Rev. Dept. (with notes)

Para 1 of order
with appendix to
be placed on E.T.]

Forw'd 5th September 1916

[Appendix

Memorandum
8/8/16
No. 856, HOME (EDUCATION), 10th August 1916
GOVERNMENT OF MADRAS
HOME DEPARTMENT
(Education)

READ—the following papers:—

I
G.O. No. 913, Revenue, dated 26th April 1916

ABSTRACT.—Issuing revised rules for the levy of fees for work done in connection with the pumping and boring operations.

II
Memorandum No. 2076-1, Educational, dated 21st June 1916.

With reference to G.O. No. 913, Revenue, dated the 26th April 1916, the Director of Industries is requested to submit, in due course, for the approval of the Government, draft rules for the levy of fees for work done by the Department of Industries in connection with industrial installations erected for private persons other than in connection with pumping and boring operations. Pending submission of such draft rules and sanction thereto, the rules in the Government Order quoted above will be applied as far as possible to industrial installations also.

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

To the Director of Industries.

III
Letter—from K. T. B. TESSLER, Esq., Director of Industries.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 3rd July 1916.
No.—28-A.

With reference to Government Memorandum No. 2067-1, Educational, dated 21st June 1916, I have the honour to submit herewith draft rules for industrial installations, drafted on the same lines as those connected with pumping and boring operations. The rules follow the same lines as far as possible, except that in paragraph 6 of the III section excess compounding fee inspections are charged at the flat rate of Rs. 5 per visit instead of Rs. 3 for the mechanic and Rs. 7-8-0 for the supervisor as sanctioned for pumping inspections.

2. On consideration it seems to me that the flat rate is preferable to the two rates proposed in the pumping rules. Clients do not generally ask for the services of the supervisor and the average takings per visit on the double scale will not therefore much exceed Rs. 3 which is rather low. It seems to me therefore better to have a flat rate of Rs. 5.

3. In the pumping rules, scale B is very rarely asked for and it does not make very much practical difference what the fees prescribed are. If, however, it is possible to alter paragraph 6 of section III of the sanctioned rules to agree with paragraph 6 of the rules now submitted, it would be of advantage.

4. It will be observed that the rules now drafted apply only to installations having plant of a value of Rs. 5,000 or less. At present the majority of plants the department deals with falls within this limit and are therefore covered by the rules. When more expensive machinery is installed, the rules are scarcely applicable and the right is accordingly reserved of quoting special terms.

Order—No. 856, Home (Education), dated 10th August 1916.

The Government approve with a few modifications the draft rules submitted by the Director of Industries for the levy of fees for work done in connection with industrial installations other than those connected with pumping and boring operations. The rules as modified are appended to these proceedings. They will be published in the Fort St. George and all District Gazettes.

2. Separate orders will issue in the Revenue Department in regard to the suggestion made by the Director in paragraph 3 of his letter to alter rule 6 of section III of the rules for the levy of fees for pumping and boring installations.

(True Extract)

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

To the Director of Industries.
" Superintendent, Government Press, for publication of notification.
Copy to the Revenue Department (with notes).
Editors' Table (paragraph 1 of order and appendix).

G.O. No. 856, 10th August 1916
Industrial installations

Issuing rules for the levy of fees for work done in connection with—
(EDUCATIONAL).

[Appendix.]

APPENDIX

Rules for the levy of fees for work done in connection with industrial undertakings.

Subject to the rules hereinafter mentioned, the Department of Industries gives general information and advice regarding industrial plant, undertakes tests in connection therewith, assists in the preparation of plans and in the purchase and erection of machinery and arranges for its systematic inspection.

2. The services of the department are offered subject to the following general conditions:—

(i) All fees or other charges leviable under the rules governing departmental assistance are strictly payable in advance.

Note.—In cases where the levy of fees is likely to operate as an undue burden on the slender resources of applicants, the Director of Industries may, at his discretion, remit such fees wholly or in part.

(ii) All fees and other charges levied under these rules will be credited to Government.

(iii) Refunds of fees will not generally be made, but, in the case of advances, any surplus which may remain unspent after the work is completed will be returned.

(iv) Though every effort will be made to meet the reasonable demands of the public as promptly as possible, the department offers no guarantee whatever in respect of time.

(v) The department cannot make itself responsible for the quality or condition of plant supplied by machinery agents, though it will do whatever lies in its power to safeguard the interests of its clients.

(vi) The acceptance of the services of the department implies the acceptance of the general rules and conditions laid down in this notification.

I.—INFORMATION AND ADVICE

1. General information and advice is given free of charge so far as the information is available and advice can be given without local inspection.

2. In cases when information and advice can be given only after local inspection, such inspection can be arranged for on payment of a fee of Rs. 10 for every inspection when the inspection is made by a supervisor. If inspection by an officer of higher standing is required special rates will be charged the nature of which may be obtained on application.

3. When such an inspection is made in connection with the installation of plant, but applicants do not desire to have the plant purchased or erected by the Department of Industries the inspection report will include a statement of the class of plant required and a sketch plan.

4. Applicants must understand that inspection reports cannot be regarded as working plans from which a plant can be erected. The only purpose they generally serve is to give applicants an idea of the approximate cost of the plant.

5. The department undertakes to work out estimates or prepare working plans if required, but only if the plant is to be erected by the department or the supplying firm. The charges leviable in this case are given in section II.

6. The department owns a certain amount of testing machinery and is prepared to undertake tests or make experiments in connection with new machinery and new processes if appliances are available and if the tests are considered necessary.

7. In cases where tests or experiments are regarded as of general value, no fees will be charged and the results will be communicated to applicants in due course. When the tests are of a special character, a charge will be levied proportionate to the amount of work involved, but the results will then be communicated to the applicant only.

II.—PURCHASE AND ERECTION OF MACHINERY.

1. The department will, on demand, undertake the ordering of plant, the preparation of plans and the erection of machinery. In such cases, a deposit of not less than Rs. 250, or approximately 15 per cent of the value of the plant (whichever is greater), must be made.

The fee actually charged for this service is 2½ per cent on estimate plus Rs. 25 (which includes the inspection fee). If an inspection fee has previously been paid on account of the same scheme, the charge is reduced by Rs. 10. In addition to this fee, a small sum will be retained as an advance for contingencies (the balance being returnable on the completion of the work) and the remainder paid as advances to machinery agents for supply of plant.

2. If applicants wish to modify their scheme or to abandon it after an inspection has been made, they will be charged Rs. 10; if, after plans have been prepared, they will be charged Rs. 15 for each set of plans. Provided no orders have been placed, the balance of advance will be refunded.

3. The department can take no responsibility for any losses arising from applicants changing their minds after orders have been placed.

4. These terms apply only to the erection of plant costing less than Rs. 5,000 and cover only supervision. All materials and labour must be found by the applicant. If building work is to be supervised or if the plant is to cost more than Rs. 5,000, special terms will be arranged.

5. To encourage expedition, the Director has powers to allow a rebate up to 1 per cent on erection charges if the work is rapidly completed.

6. No plans will be prepared and no plant will be ordered unless it is to be erected by the department or by the supplying firm.

7. Applicants may, if they wish, purchase the plant independently of the department and in such cases the preparation of plans and the erection of the plant will be undertaken on the same terms as above, subject to the condition that the plant shall be of the character indicated by the plans and estimates. If these are deviated from, the Director reserves the right of declining to undertake erection. The same rule applies to plants already purchased or the re-erection of second-hand plants. Both new and second-hand plants will be estimated at their new value for purposes of calculating fees. The Director, however, reserves the right of causing an inspection of the plant to be made (costing Rs. 10) and, notwithstanding such inspection, the Director may decline departmental assistance if he considers the plant unsuitable, badly designed or in any other way open to objection.

8. When the engineering services of the department are required for purposes other than the original erection of plant, they will be charged for at daily rates as follows:—

For a supervisor, Rs. 15 for the first day plus Rs. 7-8-0 for every subsequent day.

For a mechanic, Rs. 10 for the first day plus Rs. 3 for every subsequent day.

If there is any break in continuity, the first day's fee will again become chargeable for any subsequent visit.

III.—SYSTEMATIC INSPECTION OF INSTALLATIONS

1. The department will arrange for the systematic inspection of installations. Inspections will be of two kinds, viz., "routine inspections" made at the convenience of the department and "special inspections" made on the urgent requisition of the applicant.

2. The fees for inspection will be determined on two scales, A and B, according to requirements.

3. Scale A provides for routine inspections. Under this scale an applicant is entitled to a minimum of three inspections annually or such greater number as it may be convenient to arrange. In cases of sudden breakdowns, special assistance will also be rendered, but scale A is intended to apply only to installations where the necessity for special inspections is not frequent. The Director of Industries may, at his discretion, cancel any arrangement under scale A at the close of the official year if he considers that requisitions for special assistance have been unnecessarily frequent.

4. Scale B provides for the inspection of installations where the number of requisitions for special inspections is beyond that contemplated in scale A. Under scale B no routine inspections will be made and an application should be made every time an inspection is required.

5. The fee leviable under scale A is Rs. 15 per annum for each installation.

6. Under scale B an initial fee of Rs. 15 will be levied which will cover the cost of inspection to the extent of its value, but no refund will be made if the value of the fee is not completely utilized. Inspections in excess of those covered by the initial fee will be charged for at the rate of Rs. 5 per visit.

7. No installation will be inspected unless fees under one of the two scales are first paid. In cases of non-payment, a notice will be issued by the department. If payment is then refused no subsequent assistance of any kind will be given except by special order of the Director of Industries and then only on payment of such additional fees as he may prescribe.

8. The fees mentioned in rules 5 and 6 supra will not cover any actual outlay on any repair work carried out by the department which must be paid for in addition by the applicant.

9. The scale of fees above laid down ordinarily applies only to industrial plants of an initial value of Rs. 5,000 or less. When the value exceeds this figure, the Director has the option of increasing the fee if he considers that the machinery is of so complex a character as to require special attention.

10. Systematic inspection of a plant will be undertaken only after it has been examined and found to be in a good condition. If it is not in good condition, the applicant will be informed what repairs are required and systematic inspection will be undertaken only on completion of the repairs. If the applicant desires that the repairs should be executed under departmental supervision, a fee of Rs. 10 will be charged for such supervision.

11. The Director of Industries, may, without assigning any reason, refuse to undertake systematic inspection of any plant or installation.

20/10/1919
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NOTES CONNECTED WITH G.O. No. 856
THE 10TH AUGUST 1916.

(EDUCATION) DEPARTMENT.
EDUCATIONAL, DATED

3/9/16

[SUBJECT.— Rules for the levy of fees for work done by the Department of Industries in connection with industrial installations.]

From the Director of Industries, dated the 3rd July 1916, No. A. 28.

Prior to the issue of G.O. No. 913, Revenue, dated the 26th April 1916, the rules of the Department of Industries in regard to the levy of fees for work done for the public were common to the pumping and boring and other industrial installations. In the above Government Order the Government have, in view of the transfer of the pumping and boring operations which is to take place shortly, issued a separate set of rules for the levy of fees for work done in connection with those operations. The Director of Industries was thereupon asked to submit a separate set of draft rules for the other industrial installations

which would continue to be dealt with by the Industrial Department after the transfer of pumping and boring work. The Director now submits draft rules. These are in the main the same as those approved in G.O. No. 913, Revenue, dated the 26th April 1916, for pumping and boring operations, and are rightly so as the latter have till now been applied to industrial installations also. The slight modifications and additions introduced in them, which chiefly affect the wording of the rules, and also those relating to the testing work undertaken by the department, are examined below.

2. Rule 1.—“Subject to the rules hereinafter mentioned, the Department of Industries gives general information and advice regarding industrial plant, undertakes tests in connection therewith, assists in the preparation of plans and in the purchase and erection of machinery and arranges for its systematic inspection.”

The portion underlined which has been introduced newly in this rule seems to require further consideration. In G.O. No. 1397, Educational, dated the 8th December 1914, the Government sanctioned the purchase of a test plant for the department which, it was decided, might undertake testing work. The question whether the testing of machinery for the public should be one of the legitimate functions of a Department of Industries was then discussed. The Hon'ble Sir Alexander Cardew considered that the Director should be furnished “with the means of ascertaining accurately and definitely for his own information and guidance and in no way for publication what are the best machines on the market.” The Director in the

Paragraph 2 of Honourable Member's note, page 8 of notes to G.O. 1397, 8th December 1914.

I confess I see no particular objection to the draft rule as proposed by Mr. Trevelyan.
P.R.—21-7-16.

present draft rule announces to the public that he undertakes the testing of machinery. It is for orders whether the addition proposed to the rule may be allowed to stand. Perhaps the words “undertakes tests in connection therewith”

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NOTES TO G.O. No. 856, EDUCATION, 10TH AUGUST 1916

may be omitted. This announcement seems unnecessary as it does not find a place in the rules for the Pumping and Boring section where also there is large scope for such testing.

3. Rule 2 (i).—The following notes to this rule which appears in the Pumping and Boring rules has been omitted in the present draft by the Director:—

"In cases where the levy of fees is likely to operate as an undue burden on the slender resources of applicants, the Director of Industries may at his discretion remit such fees wholly or in part."

Apparently such concessions will be more necessary in the case of pumping and boring work done for ryots for irrigation purposes than in that of industrial installations such as rice-hullers, oil-presses, groundnut decorticators, etc. The proposal to omit the note may be approved.

4. Rule 2 (v).—"The department cannot make itself responsible for the quality or condition of plant supplied by machinery agents, though it will do whatever lies in its power to safeguard the interests of its clients." This is a new rule and does not find a place in the Pumping and Boring rules. So long as the department undertakes the purchase and erection of machinery (vide rule 1) it appears to be necessary to safeguard it against future liabilities. The rule may be retained.

5. Rule 4 (section II information and advice).—"Applicants must understand that inspection reports cannot be regarded as working plans from which a plant can be erected. The only purpose they generally serve is to give applicants an idea of the approximate cost of the plant."

A necessary explanation.
P.R.—21-7-16.

This rule is also new and has not been incorporated in the Pumping and Boring rules. The rule is explanatory and may be allowed to stand.

6. Rule 5.—"The department undertakes to work out correct estimates or prepare working plans if required, but only if the plant is to be erected by the department or the supplying firm. The charges leviable in this case are given in section II."

Page 11 of G.O. 913, Revenue, 26th April 1916.

The corresponding rule in the Pumping and Boring rules is rule 4 thereof and it runs as follows:—

"In cases where the plant is to be purchased or erected by the department, the charges leviable are shown in section II—Purchase and erection of machinery."

P.R.—21-7-16.

The new draft rule is more explanatory. It may be retained. The word "correct" may, it is submitted, be omitted.

7. Rules 6 and 7—Rule 6.—"The department owns a certain amount of testing machinery and is prepared to undertake tests or make experiments in connection with new machinery and new processes if appliances are available and if the tests are considered necessary."

Rule 7.—"In cases where tests or experiments are regarded as of general value, no fees will be charged and the results will be communicated to applicants in due course. When the tests are of a special character, a charge will be levied proportionate to the amount of work involved, but the results will then be communicated to the applicant only."

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These rules do not have their counterpart in the Pumping and Boring rules. So far as testing of machinery is concerned, attention is solicited to the note in paragraph 2 on pages 1 and 2 supra. It is for orders whether two rules may be approved. The testing herein referred to seems to be open to less objection than the general testing work referred to in rule 1 of the preamble, as it relates only to new machinery and new processes. It is one of the functions of the department to demonstrate the advantages of "improved machinery or new processes." The testing referred to in these rules may perhaps therefore be allowed.

Paragraph 4 of Secretary of State's despatch on pages 23 and 24 of G.O. 3851, Revenue, 30th December 1912.

I should think so.
P.R.—21-7-16.

8. Rule 7, Section II, Purchase and Erection of machinery. Applicants may, if they wish, purchase the plant independently of the department and in such cases the preparation of plans and the erection of the plant will be undertaken on the same terms as above, subject to the condition that the plant shall be of the character indicated by the plans and estimates. If these are deviated from, the Director reserves the right of declining to undertake erection. The same rule applies to plants already purchased or the re-erection of second-hand plants. Both new and second-hand plants will be estimated at their new value for purposes of calculating fees. The Director, however, reserves the right of causing an inspection of the plant to be made (costing Rs. 10) and, notwithstanding such inspection, the Director may decline departmental assistance if he considers the plant unsuitable, badly designed or in any other way open to objection.

The first three sentences of the proposed rule are only an expansion of the following sentence which appears in rule 7 of the Pumping and Boring rules:—

"Individuals who have already purchased plant may apply for its erection by the department on the same terms as above."

Page 12 of G.O. 913, 26th April 1916

They do not seem to be open to any objection.

The fourth sentence seems to be rather loose. A new plant will always be valued at its new value and this need not be specially mentioned in the rule. The difficulty is only with regard to the valuation of second-hand plant. The sentence which appears in the Pumping and Boring rules, viz., "to calculate fees second-hand plant will be estimated at its new value," seems to be sufficient and may be adopted. The other sentences in this rule are the same as those in the Pumping and Boring rules.

Mr. Tressler's draft rule 7 appears to be the same as the rule in the "Pumping and Boring rules" though differently worded.

P.R.—21-7-16.

9. Rule 6, Section III, Systematic inspection of installations. Under scale B an initial fee of Rs. 15 will be levied which will cover the cost of inspection to the extent of its value, but no refund will be made if the value of the fee is not completely utilised. Inspections in excess of those covered by the initial fee will be charged for at the rate of Rs. 5 per visit.

The last sentence of this rule is different from that in the Pumping and Boring rules which prescribes a fee of "Rs. 3 per visit of a mechanical foreman and Rs. 7-8-0 for a supervisor." In paragraphs 2 and 3 of his letter the Director explains why he considers a single rate of Rs. 5 to be preferable to two different rates adopted in the Pumping and Boring rules. His proposal may, it is submitted, be accepted.

Rule 6 under section 3 on page 12 of G.O. 913, 26th April 1916.

P.R.—21-7-16.

He also suggests that it would be of advantage if the Pumping and Boring rules are also altered accordingly. This is for consideration in the Revenue Department. An extract from these notes may be sent to that department for consideration when orders have issued on the current.

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J. P. T. Singh

10. Rule 9.—“The scale of fees above laid down ordinarily applies only to industrial plants of an initial value of Rs. 5,000 or less. When the value exceeds this figure, the Director has the option of increasing the fee if he considers that the machinery is of so complex a character as to require special attention.”

This rule is new and does not find a place in the corresponding section of the Rumping and Boring rules. In paragraph 4 of his letter the Director states that the majority of plants the department deals with falls within the limit of Rs. 5,000.

P.R.—21-7-16.

The rule may therefore be approved. It may be noted here that in rule 4 of section 2 of the rules dealing with the purchase and erection of machinery there is a similar provision and it has also its counterpart in the Rumping and Boring rules.

Rule 4 under section 2 on page 11 of G.O. 913, Revenue, 26th April 1916.

11. Submitted that before the rules are approved they may perhaps be sent to Mr. Couchman unofficial for remarks, if any, which he may have to offer.

S.K.—20-7-16.

C.R.—20-7-16.

Mr. Couchman u.o.

P. RAJAGOPALA ACHARIYAR—21-7-16.

I have no remarks to make.

M. E. COUCHMAN—24-7-16.

It is for orders whether the rules may now be approved with the slight modifications* ordered by the Secretary on the margin of paragraphs 3 and 6 of the note on page 2 above. The Rumping and Boring rules were published in the Fort St. George Gazette and in all district gazettes. These rules may also be similarly published. Subject to approval, a draft order is placed below. If approved, it may be sent to Revenue for acceptance.

S.K.—25-7-16.

C.R.—26-7-16.

P.R.—28-7-16.

To the Revenue Department u.o.

REVENUE DEPARTMENT.

Rule 6 noted on in paragraph 9 on page 3 ante need alone be read. The alteration suggested to rule 6 of part 3 of the rules may be considered on receipt of a copy of Proceedings of the Home (Education) Department with a copy of notes. Paragraph 2 of the draft may be accepted and the file returned to Education.

R.R.—3-8-16.

C.R.—3-8-16.

A.H.A.T.—24-8-16.

Accepted in Revenue.

A. H. A. TODD—4-8-16.

To the Educational Department u.o.

EDUCATION DEPARTMENT.

Submitted that the draft order may now issue.

S.K.—5-8-16.

N.K.—8-8-16.

C.R.—9-8-16.

[G.O. No. 856, (Education) dated the 10th August 1916.]

ORDINARY.

PRESS SLIP.

PREFERENCE.

URGENT (a).

Home (Ext.) DEPARTMENT.

Current No., dated 191 ..

G.O. No. 836, dated 10/2/27 191 6.

Number of MS. pages sent { (b) Correspondence..... (b¹) Notes.....

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(a) Number of copies required when struck off (not including copies for volumes and editors' copies which are retained in the Press).	E. T. copies to supply requisitions for purchase by the public.	Complete correspondence and orders.	Notes.
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Madras Records ...	4	30	15
Ooty Records ...		4	4
For filing with original		1	1
Total ..		35	20
FOR ISSUE.†			
	Letter only.	Complete G.O.	Special issue copies of G.O.
		No.	Papers.
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India Office.....			
Govt. of India..... Dept.			
Revenue Department			
Public Works Department.....			
Local and Municipal Department.....			
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Judicial Dept			
Political			
Financial Dept.....			
Marine Dept.....			
Ecclesiastical Dept...			
Total			
Spare copies		15	
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(a) If a paper is marked to be printed urgently, the Superintendent of the section concerned should sign the Press slip. The Superintendent should exercise a careful discretion in the matter.

(b) Each letter, memorandum, or order, or set of orders, in the file of correspondence should be headed in succession with the Roman numeral I, II, III, etc., the number being written in red ink or blue chalk above the item. The particular papers to be printed in the special issue-copies should be indicated by the Roman numeral (I, II, etc.) by which that item has been headed in the correspondence file. All matter, including marginal remarks or references, to be printed should be written in ink and matter which should not be printed should be encircled. Initials and signatures that are not quite legible should be re-written distinctly.

(b¹) For rules regarding printing of notes, see rule 315 of the office Manual.

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Clerk.

Referencer.
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Supdt.

Supdt.

SPECIAL INSTRUCTIONS.

~~Fees for work done in connection with industrial installations~~

Issuing rules for the levy of ~~sums~~ fees for work done in connection with

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