Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd. } 1907. *Enclosures*

Regd. } *Spare copies*

G.O., No. 303, 20th May 1907.

Inspector of Technical and Industrial Schools.

Informing the Director of Public Instruction that a reference has been made to the Government of India on the question of the eligibility of Mr. Chatterton to the Junior allowance of Rs. 200—10—250 which he has been drawing as an officer of the Indian Educational Service.

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd. } 1907. *Enclosures*

Regd *Spare copies*

G.O., No. 302, 20th May 1907.

Inspector of Technical and Industrial Schools.

Informing the Director of Public Instruction, with remarks, that Mr. Chatterton as — should be entrusted with the work of inspecting schools where technical instruction is given in engineering and certain other subjects, and stating that officers in Government service deputed for inspection of technical and industrial schools will be paid travelling allowance according to their rank and other experts, such honorarium as may be fixed by Government.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

I

Letter—from the Hon'ble Mr. T. T. Logan, B.A., Acting Director of Public Instruction, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 17th December 1906.
No.—Cur. No. 9262/06.

Mr. Alfred Chatterton has, in Gazette notification of the 3rd instant, been appointed to be Director of Industrial and Technical Inquiries in the Madras Presidency provisionally for a period of five years. And in notification of the 10th instant his services have been placed at the disposal of the Revenue Department with effect from 3rd December 1906. I have the honour therefore to request to be informed (1) whether he is still to be regarded as Inspector of Technical and Industrial Schools in the Presidency and (2) whether he is still entitled to his personal allowance of Rs. 200—250 which he has been drawing in the Indian Educational Service.

II

G.O., No. 249, Revenue, dated 2nd February 1907.

Read—the following papers :—

Proceedings of the Board of Revenue (Revenue Settlement), Mis. No. 4989, *dated* 15*th August* 1906.

Abstract.—Requesting the sanction of Government to the appointment of a typist to assist the shorthand clerk working under Mr. Chatterton.

Proceedings of the Board of Revenue (Revenue Settlement), Mis. No. 259, *dated* 14*th January* 1907.

Abstract.—Requesting Government to pass early orders on Board's Proceedings, Mis. No. 4989, dated 15th August 1906, applying for a typist on Rs. 20—1—35 per mensem to assist the shorthand clerk working under the Director of Industrial and Technical Inquiries.

Order—No. 249, *Revenue, dated 2nd February* 1907.

The Secretary of State in his Despatch No. 120, Public, dated 24th August 1906, having sanctioned the appointment of Mr. Chatterton as Director of Industrial and Technical Inquiries provisionally for a term of five years, the Government will now proceed to define the duties of Mr. Chatterton in his new office.

2. In recommending the appointment to the Government of India, the Government stated that their intention was to subject to a detailed examination each of the most important industries of the Presidency in turn, and, wherever improvements seemed possible, to point out the lines on which they could best be effected. With this object in view, Mr. Chatterton will continue to follow the lines on which he has been working

since first he was placed on special duty in April 1900, and will devote special attention to the chrome-leather industry, the improvement of the hand-loom and the development of irrigation by pumps driven by oil-engines. He will have charge of the tannery at Perambur, the weaving factory at Salem and the pumping experiments at the Government farm on the Hagari river. One of his most important functions will be as far as possible to assist with information and advice all who wish to exploit any new branch of industry, or to introduce any fresh technical process likely to promote the industrial development of the country. So far as these duties are concerned, Mr. Chatterton will work directly under the orders of the Commissioner of Agriculture.

3. In addition to his other functions, Mr. Chatterton will, for the present, be entrusted with the inspection of technical schools in the Presidency, and in this part of his duties he will be subject to the control of the Director of Public Instruction. Further orders will be issued in the Educational Department defining the scope of his duties as Inspector of Technical Schools and his relation in this capacity with the Director of Public Instruction.

4. The Board of Revenue will be requested to submit at a very early date a consolidated proposition statement for the entire establishment required by Mr. Chatterton as well as the proposals called for in paragraph 3 of G.O., No. 1188, dated 3rd December 1906, for the location of his office. As Director of Industrial and Technical Inquiries, Mr. Chatterton will in future have no concern with the School of Arts and his office should be removed from the building with as little delay as possible.

(True Extract.)

A. G. Cardew,
Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement).
,, Educational Department, with notes.
Copy to the Financial Department.
,, Accountant-General.
,, Board of Revenue (Land Revenue).

III

Memorandum No. 2074-1, Educational, dated 7th February 1907.

The Director of Public Instruction is requested to report the number of technical schools which were actually inspected by Mr. Chatterton during the years 1905 and 1906.

(By Order.)

C. A. Souter,
Asst. Secretary to Government.

To the Director of Public Instruction.

IV

Letter—from the Hon'ble Mr. T. T. Logan, B.A., Acting Director of Public Instruction, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 21st February 1907.
No.—Ref. on Cur. No. 9262/06.

In reply to your Memorandum No. 2074-1, Educational, dated 7th February 1907, I have the honour to state that Mr. Chatterton inspected seven technical schools during 1905 and eleven during 1906.

V

Memorandum No. 416-2, Educational, dated 2nd March 1907.

In continuation of Memorandum No. 2074-1, Educational, dated 7th February 1907, the Director of Public Instruction is requested to be so good as to furnish Government, at an early date, with a list of the technical schools which Mr. Chatterton actually inspected during the years 1905 and 1906.

(By Order.)

C. A. Souter,
Asst. Secretary to Government.

To the Director of Public Instruction.

VI

Letter—from the Hon'ble Mr. T. T. Logan, B.A., Acting Director of Public Instruction, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 21st March 1907.
No.—Ref. on Cur. No. 9262/06.

With reference to your Memorandum No. 416-2, Educational, dated 2nd March 1907, I have the honour to submit the enclosed list of the technical schools which Mr. Chatterton actually inspected during the years 1905 and 1906.

Enclosure.

List of schools inspected by the Inspector of Technical Schools in 1905 *and* 1906.

1905.

1. St. Joseph's Industrial School, Coimbatore.
2. Wesleyan Mission Industrial School, Karur.
3. The Anjuman, Madras.
4. The Industrial School, Arni.
5. The Anjuman, Vellore.
6. Madras Telegraph School.
7. American Baptist Mission School, Tindivanam.

1906.

1. Industrial School, Nazareth.
2. Technical Institute, Tinnevelly.
3. ,, ,, Madura.
4. Wesleyan Mission Industrial School, Karur.
5. St. Joseph's Industrial School, Coimbatore.
6. Reformatory School, Chingleput (March 1906).
7. Christian Industrial School, Ongole.
8. St. Patrick's Orphanage, Adyar.
9. Industrial School, Nayudupet.
10. Minakshi Typewriting Institute, Madura.
11. Reformatory School, Chingleput (December 1906).

Order—No. 302, Educational, dated 20th May 1907.

With reference to paragraph 3 of G.O., No 249, Revenue, dated 2nd February 1907, and his letter No. 9262, dated 17th December 1906, the Director of Public Instruction will be informed that Mr. Chatterton as Inspector of Technical and Industrial Schools should be entrusted with the work of inspecting schools where technical instruction is given in engineering subjects, in wood and metal work and in the preparation of textile fabrics and that for the inspection of the other technical and industrial schools, either suitably qualified Government officers from the Educational or other departments, or experts should be detailed or appointed as occasion arises.

2. Under this arrangement Mr. Chatterton will have for the present to inspect about 18 schools. The inspection of the more important of these institutions, of which there are ten as shown below, should be annual. If the remaining eight are inspected biennially it will be deemed sufficient.

Annual Inspection.

1. School of Arts.
2. Reformatory School, Chingleput.
3. District Board Technical Institute, Madura.
4. ,, ,, Tinnevelly.
5. The Anjuman-i-Islam, Madras.
6. St. Joseph's Industrial School, Coimbatore.
7. Industrial School, Arni.
8. Art Industrial School, Nazareth.
9. Wesleyan Mission Industrial School, Karur.
10. Chengalvaraya Naicker's Technical and Industrial Institute, Madras.

Biennial Inspection.

1. Christian Industrial School, Ongole.
2. Boys' Industrial School, Puttur.
3. St. Patrick's Orphanage, Adyar.
4. Anjuman Industrial School, Vellore.
5. Madras Telegraph School.
6. Vetapalem Board Institute.
7. Bezwada Industrial School.
8. Madras Industrial School.

3. Officers in Government service deputed for the inspection of technical and industrial schools will be allowed travelling allowance according to their rank, and other experts, such honorarium as may be fixed by Government on the recommendation of the Director of Public Instruction.

(True Extract.)

H. D. Taylor,
Ag. Secretary to Government.

To the Director of Public Instruction.
,, Accountant-General.
,, Revenue Department.

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.	1907.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 303, 20th May 1907.

Inspector of Technical and Industrial Schools.

Informing the Director of Public Instruction that a reference has been made to the Government of India on the question of the eligibility of Mr. Chatterton to the Junior allowance of Rs. 200—10—250 which he has been drawing as an officer of the Indian Educational Service.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

Letter—from the Hon'ble Mr. T. T. Logan, B.A., Acting Director of Public Instruction, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 17th December 1906.
No.—Cur. No. 9262/06.

Mr. Alfred Chatterton has, in Gazette notification of the 3rd instant, been appointed to be Director of Industrial and Technical Inquiries in the Madras Presidency provisionally for a period of five years. And in notification of the 10th instant his services have been placed at the disposal of the Revenue Department with effect from 3rd December 1906. I have the honour therefore to request to be informed . . . . . whether he is still entitled to his personal allowance of Rs. 200—250 which he has been drawing in the Indian Educational Service.

Order—No. 303, Educational, dated 20th May 1907.

As to the question of the eligibility of Mr. Chatterton to the junior allowance of Rs. 200—10—250, which he has been drawing as an officer of the Indian Educational Service, the Director will be informed that a reference has been made to the Government of India.

(True Extract.)

H. D. Taylor,
Ag. Secretary to Government.

To the Director of Public Instruction.

NOTES CONNECTED WITH G.O., Nos. 302, 303, EDUCATIONAL, DATED 20th MAY 1907.

I

[Subject.—*Duties of Mr. Chatterton as Inspector of Technical and Industrial schools.*]

Previous papers.

G.O., No.	504	*Edl., dated*	5*th*	*August*	1899.
,, ,,	174	,, ,,	10*th*	*April*	1900.
,, ,,	300	,, ,,	17*th*	*May*	1904.
,, *Nos.*	138, 139	,, ,,	7*th*	*March*	1905.
,, *No.*	181	,, ,,	27*th*	,,	,,
,, *Nos.*	313, 414	,, ,,	12*th*	*May*	,,
,, *No.*	333	,, ,,	20*th*	,,	,,
,, *Nos.*	794, 795	,, ,,	4*th*	*December*	,,
,, ,,	78, 79	,, ,,	10*th*	*February*	1906.
,, *No.*	394	,, ,,	4*th*	*June*	,,
,, *Nos.*	403, 404	,, ,,	9*th*	,,	,,
,, *No.*	450	,, ,,	26*th*	,,	,,
,, ,,	580	,, ,,	1*st*	*September*	,,
,, ,,	1165, *Rev.*	,,	24*th*	*November*	,,
,, ,,	787-A, *Edl.*	,,	3*rd*	*December*	,,
,, ,,	249 *Rev.*	,,	2*nd*	*February*	1907.

II

From the Director of Public Instruction, dated 17th December 1906, No. 9262.

The Secretary of State having sanctioned the creation of the appointment of Directer of Industrial and Technical Inquiries in the Madras Presidency, the services of Mr. Alfred Chatterton, who was selected for the appointment, were placed at the disposal of the Revenue Department with effect from the 3rd December 1906—*vide* G.O., No. 787-A, Educational, dated 3rd December 1906.

2. With reference to this, the Director of Public Instruction requests to be informed—

(1) whether Mr. Chatterton is still to be regarded as Inspector of Technical and Industrial schools, and

(2) whether Mr. Chatterton is still entitled to his personal allowance of Rs. 200—10—250 which he has been drawing in the Indian Educational service.

3. The letter from the Government of India communicating the sanction of the Secretary of State to the appointment of Mr. Chatterton as Director of Industrial and Technical Inquiries has been transferred to the Revenue Department. The Revenue Department has as yet passed no orders on the letter but has made a reference to the Government of India on the subject of the pay which should be given to Mr. Chatterton in the new appointment. It is presumed that the Revenue Department will pass orders on the letter only after a reply has been received from the Government of India to their reference and that in that order the question of Mr. Chatterton continuing as Inspector of Technical and Industrial schools will be dealt with. But there appears to be no reason why the question should be deferred so long. Please see notes which may be shown to Revenue. For the present, however, there is no objection to Mr. Chatterton's continuing to be Inspector of Technical and Industrial schools, as the Secretary of State approved his appointment on the understanding that he was to undertake inspection and other work in connection with technical schools *if he should be called upon to do so*. Submitted therefore that the Director of Public Instruction may be informed, with the concurrence of the Revenue Department, that Mr. Chatterton is until further orders to be regarded as Inspector of Technical and Industrial schools.

4. On the question of the personal allowance drawn by Mr. Chatterton, the Director of Public Instruction may be informed that it will be vacated by Mr. Chatterton and can be temporarily granted to an officer of the Indian Educational Service. The Director of Public Instruction may be asked to submit proposals in this behalf.

A draft order on these lines is placed below for approval.

T.K.—24-12-06.

P. T. Tharyan—24-12-06.

Might it not be as well to await India's answer to the reference from Revenue about Mr. Chatterton's pay? There seems to be no particular hurry about this.

C. G. Mackay—29-12-06.

The Director of Public Instruction's letter relates to two points:—

(*a*) the question of the junior allowance of which Mr. Chatterton has hitherto been in receipt.

This must lie over till India reply to the reference made in the Revenue Department.

(*b*) the question as to the performance of the duties of Inspector of Technical Schools. This requires immediate orders.

Personally I am inclined to think that the Educational Department would do best to make its own arrangements for the inspection of technical schools, so that Mr. Chatterton would be free from dual control, which is always unsatisfactory.

I would suggest that the Inspector of European and Training Schools might also take over the duties of Inspector of Technical Schools, or that Mr. James, who is Professor of Mechanical Engineering, should be instructed to inspect these schools. I believe that this arrangement existed before temporarily? Mr. James will draw no special allowance but only travelling allowance on the ordinary scale.

A

Will office please note as at **A** and also state the existing number of these technical schools?

H. D. Taylor—31-12-06.

Mr. James was entrusted with the duties of Inspector of Technical Schools during the absence of Mr. Chatterton on leave—*vide* G.O., No. 300, Educational, dated 17th May 1904; but as it was subsequently reported that this work interfered with his duties at the College of Engineering, he was relieved and Mr. Brand of the School of Arts was entrusted with the work—*vide* G.O., No. 181, Educational, dated 27th March 1905. This appointment was also subsequently cancelled and Mr. Chatterton was made Inspector of Technical Schools in G.O., No. 333, Educational, dated 20th May 1905.

2. There were 76 * technical and industrial schools and 13 such classes on the 31st March 1906—*vide* paragraphs 98 to 100 and 103 of the Public Instruction report for 1905-1906, pages 21 and 22. These schools, of which a list is given on pages 12 to 25 of volume II of the Public Instruction report, seem to be distributed among eighteen districts.

* Higher class schools teaching subjects coming under two or more groups of the Technical Examination scheme	18
Higher class schools teaching subjects under one group of the Technical Examination scheme	41
Lower class schools	17
	76

(*Vide* pages 21 and 22 of the Public Instruction report.)

T.K.—2-1-07.

K. Rangaswami Aiyangar—2-1-07.

C. G. Mackay—3-1-07.

In view of the decision arrived at in G.O., No. 181, Educational, dated 27th March 1905, it does not appear possible to place Mr. James in charge of the duties of Inspector of Technical Schools without prejudice to his own duties.

2. The question of the appointment of a Superintendent to the School of Arts is still under the consideration of the Secretary of State, and it does not seem desirable to entrust the duties to that officer until we know what sort of man has been selected for the post. It is useless making a fresh temporary arrangement by putting Mr. Brand in charge. In these circumstances perhaps Mr. Chatterton may continue in charge under the existing arrangement as approved in G.O., No. 333, Educational, dated 20th May 1905. The only alternative would be to attach this duty to the Inspector of European and Training Schools if Mr. Stone considered that he could undertake it. It would not involve much additional touring on his part as he has already to tour over the entire Presidency.

He was addressed by India on 9th August 1906.

Vide G.O., No 580, Educational, dated 1st September 1906.

AA

3. If the man eventually sent out as Superintendent, School of Arts, possesses the requisite knowledge and training he may, when he comes out, be placed in charge of the post; but we have asked for a man of artistic taste capable of teaching design and decoration, the commercial aspects of the industries being regarded as a secondary consideration. But the majority of the existing so-called technical schools are really industrial schools, and it might be desirable that the supervision of these schools, as apart from mere technical and art schools, should be taken over by the Revenue Department. Articles 44 and 45 of the revised Grant-in-aid Code deal with these schools.

Paragraph 2 of G.O., No. 79 Educational, dated 10th February 1906.

The file will be sent to the Revenue Department with reference to point **AA** *supra* on receipt of the Honourable Member's orders as to whether existing arrangements should continue for the present.

H. D. Taylor—4-1-07.

H. D. Taylor—4-1-07.

It is clearly within the scope of Mr. Chatterton's duties to inspect technical schools if he is required to do so.

There are some 76 such institutions, and if Mr. Chatterton is not to do the work, then the only course would be to get a special inspector, for none of the present inspectors are, I believe, qualified. If we applied for a special man, the Government of India would be sure to reply that we had Mr. Chatterton: and unquestionably he is qualified and has the time.

The difficulty about Mr. Chatterton is personal: he is undisciplined and headstrong; and with dual control difficulties are pretty certain to arise, as they have in the past.

The Secretary's proposal to hand over the schools to the Revenue Department will not do. If some or many of the schools are not really educational but mere places for trade apprenticeship, it will be our duty to see that they become "educational" or are eliminated from our department, for it is the duty of this department to foster technical "education". Mere displays of different sorts of looms and such like experiments will fall to the Revenue Department, as they properly do now under recent declarations.

On the whole, there seems no other resource but to keep Mr. Chatterton on as Inspector of Technical Schools, at any rate for the present.

Will Revenue Department advise as to the instructions to be issued requiring Mr. Chatterton to inspect such institutions when so directed by the Director of Public Instruction: the instructions should minimize chances of friction. The Director of Public Instruction should, I presume, draw up a half-yearly (?) programme and Educational and Revenue Departments between them settle how and when it is to be carried out?

G. S. F[ORBES]—4-1-07.

To the Revenue Department.

H. D. TAYLOR—7-1-07.

REVENUE DEPARTMENT.

For a draft order defining Mr. Chatterton's duties as Director of Industrial and Technical Inquiries, please see linked file (Revenue). Mr. Chatterton will have (1) to exploit technical trades and industries generally, (2) to continue to supervise the Government tannery at Perambúr, the weaving factory at Salem and the pumping experiments at Hagari and (3) to assist with advice all who wish to exploit any particular industry. So far he will be under the orders of the Board of Revenue. He will, in addition, have to inspect all technical schools and in this part of his duties will be under the control of the Director of Public Instruction. He will thus be serving two masters and Educational desire that instructions, so framed as to minimize the chances of friction, may be issued requiring Mr. Chatterton to inspect technical schools when so required by the Director of Public Instruction. These instructions will presumably be issued by Educational.

According to Educational there are 76 Technical and Industrial schools in the Presidency and 15 classes attached to other schools. These figures do not square with the statistics recorded in appendix D to the report of the Director of Public Instruction for 1905–1906, but certain schools, *e.g.*, music schools have probably been omitted. The number seems very large, seeing that the schools are scattered all over the Presidency, from Chicacole in the extreme north to Tinnevelly in the extreme south and Calicut in the west. Perhaps Mr. Chatterton might be relieved of the inspection of classes or at any rate of some of them which do not seem important, *e.g.*, dress-making, singing and gymnastic classes. Other Inspectors in the Educational Department may have most schools to inspect, but their circles are comparatively small and they have no other work unlike Mr. Chatterton.

The usual practice for an Educational Inspector appears to be to submit to the Director of Public Instruction his programme for the official year by 30th April each year and in this he has to show the month and week of the examination of each school *. It is submitted that it would be inadvisable to insist upon any such programme in Mr. Chatterton's case, and that subject to the rule that he must inspect each school at least once in the year he should be left to arrange his tours at his discretion, power being of course reserved to the Director of Public Instruction to order him to inspect any particular school at any particular time. It would lead only to friction if Mr. Chatterton were tied down to any fixed programme, for he would never be able to stick to it. He would constantly be called away on short notice to attend to some urgent business at Salem, Hagari or Perambur, or to be present at some

* Inspection Code III (3), page 21.

Industrial exhibition, and would constantly be having to explain divergences from the sanctioned programme. He should also be exempted from the rule [III (1) on page 20 of the Inspection Code] forbidding inspectors to visit any district more than twice during the official year without the Director of Public Instruction's sanction. As Director of Industrial and Technical Inquiries, Mr. Chatterton may have to visit the same district several times in the course of the year and if he has time there is no reason why he should not inspect the local technical schools on each occasion. Mr. Chatterton is not solely an Educational officer, and I submit that so long as he does what he is told to do and inspects all his schools once a year he should be given as free a hand as possible.

C. A. INNES—22-1-07.

The list of Technical and Industrial schools in appendix D to the Director of Public Instruction's report for 1905–1906 looks rather formidable. I had no idea there were so many, and I hardly think that Mr. Chatterton has in the past inspected 76 schools. My impression was that he inspected only a few of the more important, the Reformatory school, the Local Fund institutes at Madura, Tinnevelly and Bezwada, the aided schools at Karur and Manamadura and so on. The first step is, I submit, to ask Educational to supply a list of the Technical schools which Mr. Chatterton has inspected during the last two years. Then we shall know better what he should be required to do in future, for it is not, I think, intended to *extend* the sphere of his operations as Inspector of Technical Schools. Under the Educational Inspection Code (Chapters III and IV) ordinary Inspectors have immediate control over all technical and industrial schools for boys "not expressly excluded from their immediate control." Perhaps Mr. Chatterton has only inspected schools thus expressly excluded from the control of the Inspector of the Circle. There *is* risk of friction if the duties of Mr. Chatterton on the Educational side are not defined. Please see G.O., No. 394, dated 4th June 1906. Until the work to be done is settled, it is difficult to suggest rules regulating how it is to be done. Therefore it seems best to ascertain first what Mr. Chatterton has hitherto done in this direction.

B

C

A. G. CARDEW—30-1-07.

I agree. Let us find out from Educational what Mr. Chatterton has hitherto done and what he is required to do in future. He clearly cannot be expected to inspect all these schools every year and at the same time push wells superintend the irrigation experiments and run the tannery. But I should imagine he need not inspect more than a very few of these schools.

M. H[AMMICK]—1-2-07.

Will Educational kindly supply the information desired by the Honourable Member in charge of Revenue?

A. G. CARDEW—2-2-07.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

There is no information in this office as to the number of Technical schools actually inspected by Mr. Chatterton during the last two years. The Director of Public Instruction may be asked to furnish this information. A draft memorandum is placed below for approval.

Vide portion marked **B** in the Revenue note above.

The memorandum did not at all conform to the terms of the passage marked **B** in my note.

A. G. CARDEW—1-3-07.

2. With reference to the portion marked **C** in the Revenue Secretary's note above, it is submitted that when Mr. Chatterton was appointed in 1900 on special duty in connection with the development of Technical Trades and Industries he was also entrusted with the duty of "inspection and reorganization

Vide paragraph 6 of this Government letter No. 505, Educational, dated 5th August 1899, and paragraph 1 of the Government of India letter on page 2 of G.O., No. 174, Educational, dated 10th April 1900.

"of existing industrial schools and the establishment of new ones." As Mr. Chatterton was thus constituted Inspector of Technical and Industrial Schools, these schools appear to have been taken outside the control of the circle inspectors and the provisions of chapters III and IV of the Inspection* Code under which these schools were under the control of the inspectors appear to have been superseded.

Cf. paragraph 1 of G.O., No. 333, Educational, dated 20th May 1905.

* This Code was issued by the Director of Public Instruction in 1898.

K. RANGASWAMI AIYANGAR—6-2-07.

Issue.

C. A. SOUTER—7-2-07.

[Memorandum No. 2074/1, dated 7th February 1907.]

From the Director of Public Instruction, dated 21st February 1907, No. 9262.

The Director of Public Instruction reports that Mr. Chatterton inspected seven technical schools during 1905 and *eleven* during 1906. This information was called for at the request of the Revenue Department to whom the file may now be forwarded.

P.R.—28-2-07.

K. RANGASWAMI AIYANGAR—28-2-07.

C. A. SOUTER—28-2-07.

To the Revenue Department.

REVENUE DEPARTMENT.

The Director of Public Instruction was asked to report, and has reported, the *number* of technical schools inspected by Mr. Chatterton in 1905 and 1906. But what was suggested was that Revenue might be furnished with a *list* of the schools so inspected. Will Educational kindly procure that now?

A. G. CARDEW—1-3-07.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Please comply.

H. D. TAYLOR—1-3-07.

The draft memorandum placed below is submitted for approval.

P.R.—2-3-07.

K. RANGASWAMI AIYANGAR—2-3-07.

Issue.

C. A. SOUTER—2-3-07.

[Memorandum No. 416/2, dated 2nd March 1907.]

From the Director of Public Instruction, dated 21st March 1907, No. 9262.

The Director of Public Instruction furnishes a list of the technical schools which Mr. Chatterton actually inspected during the years 1905-1906. This list was called for at the instance of the Revenue Department and may be forwarded u.o. to that department.

T.K.—22-3-07.

K. RANGASWAMI AIYANGAR—22-3-07.

C. A. SOUTER—23-3-07.

To the Revenue Department.

REVENUE DEPARTMENT.

Submitted.

E.S.J.—23-3-07.

On page 120 of volume II of the Educational Report for 1905-1906 the number and strength and subjects taught, etc., in higher class technical industrial schools are given.

2. Mr. Chatterton might be restricted to those in which industrial works are a leading feature. I would suggest—

(1) Technical Institute, Madura.
(2) ,, Tinnevelly.
(3) Anjuman-i-Muffidi Ala-i-Islam.
(4) Reformatory School, Chingleput.
(5) St. Joseph's Industrial School, Coimbatore.
(6) Industrial School, Arni.
(7) All Saints' (Boys), Puttur.
(8) Art Industrial School for Boys, Nazareth.
(9) Wesleyan Mission (Industrial School), Karúr.
(10) Christian Industrial School, Ongole.

3. This gives ten. The Puttur School might be omitted. It is small and far away. It will be seen from Mr. Chatterton's list that the above practically represent the schools he visited last year.

D. T. CHADWICK—25-3-07.

The list of schools inspected by Mr. Chatterton in 1905-1906 is submitted. The total was seven in the one year and eleven in the other, and as only two institutions were inspected in both years and one twice in the same year there are altogether fifteen institutions which Mr. Chatterton has inspected in this period. It might be possible to restrict his inspection to ten or twelve institutions per annum as Mr. Chadwick suggests, leaving it to the Director of Public Instruction to select the schools and to arrange with Mr. Chatterton the most convenient times for inspection.

A. G. CARDEW—26-3-07.

It seems to me it is for Educational now to say what schools they wish Mr. Chatterton to inspect. I should say there were a number which might well be inspected by the Educational Inspector—Dressmaking, Music, Drawing, Tailoring schools hardly need Mr. Chatterton.

Schools where wood and iron work and weaving are taught would probably benefit by Mr. Chatterton's inspection. He can tell better than a non-technical inspector whether the materials used are good, the tools properly handled, sharpened and maintained in proper order.

If Educational will find out and let us know what schools are to be inspected by Mr. Chatterton, we can then ask Mr. Chatterton whether he can make a programme to suit his other work and if he can make a programme and get the approval of the

Director of Public Instruction to it, we can sanction it. Mr. Chatterton's reports would, I suppose, go direct to the Director of Public Instruction. It should not be impossible to arrange this.

M. H[AMMICK]—28-3-07.

To the Educational Department.

A. G. CARDEW—29-3-07.

EDUCATIONAL DEPARTMENT.

Submitted that the file may be forwarded u. o. to the Director of Public Instruction for remarks as to which of the industrial and technical schools might well be inspected by the ordinary inspecting staff and which of them should necessarily be inspected by Mr. Chatterton. The several schools which come under either of these heads should be specified.

K. RANGASWAMI AIYANGAR—2-4-07.

C. A. SOUTER—3-4-07.

H. D. TAYLOR—4-4-07.

To the Director of Public Instruction.

The technical institutions in the Presidency may be divided into two classes—technical schools proper and technical classes in ordinary schools. Of the former, there were 51 institutions, Government, Board and aided, on 31st March 1906 and there were 11 of the latter class. The unaided and unrecognized schools may be left out of account at present.

2. Under existing arrangements Mr. Chatterton is authorized to inspect and report on all recognized industrial schools. He need not inspect "class for manual training or drawing in ordinary schools", nor industrial schools for women which are inspected by the Inspectresses, nor schools of Music. Mr. Chatterton is not tied down to any programme.

3. The technical subjects taught are wide and varied and even if there were a full-time inspector for these technical schools he could not be expected to be sufficiently conversant with all technical subjects for efficient inspection. The work of inspection in the technical subjects should therefore be distributed among experts and the following distribution is suggested for the present.

Technical subjects.	Inspecting officer.
A—(1) Civil, Mechanical and Electrical Engineering. (2) Woodwork and metalwork .. .. .. (3) Textile fabrics	Mr. Chatterton.
B—Drawing, Jewellers' work, Glass and Pottery.	An officer of the School of Arts deputed by the Director of Public Instruction.
C—Commerce including Book-keeping, Commercial Correspondence, Banking, Commercial Geography, Shorthand and Typewriting.	The Headmaster of the Government School of Commerce, Calicut, or other expert deputed by the Director of Public Instruction.
D—Printing and Book-binding	An officer of the Government Press or other expert deputed by the Director of Public Instruction.
E—Advanced Agriculture	An officer of the Agricultural College or other expert deputed by the Director of Public Instruction.
F—Elementary Agriculture, Sanitary Science, Tailoring and Dressmaking, Boot and Shoemaking and Music. Industrial schools for women and industrial or art classes in ordinary schools.	The ordinary Inspectors of Schools or Inspectresses of Girls' Schools.

4. Mr. Chatterton will have under this distribution about eighteen schools to inspect. The inspection of about ten of these schools consisting of the more important among them may be annual and that of the rest biennial as shown below :—

Annual Inspection.

(1) School of Arts—This school will, however, soon go out of Mr. Chatterton's control.
(2) Reformatory School, Chingleput.
(3) District Board Technical Institute, Madura.
(4) ,, ,, Tinnevelly.
(5) The Anjuman-i-Islam, Madras.
(6) St. Joseph's Industrial School, Coimbatore.
(7) Industrial School, Arni.
(8) Art Industrial School, Nazareth.
(9) Wesleyan Mission Industrial School, Karur.
(10) Chengalvaraya Naicker's Technical and Industrial Institute, Madras.

Biennial Inspection.

(1) Christian Industrial school, Ongole.
(2) Boys' Industrial school, Puttur.
(3) St. Patrick's Orphanage, Adyar.
(4) Anjuman Industrial school, Vellore.
(5) Madras Telegraph school.
(6) Vetapalem Board institute } These two institutions are no longer under the Director of Public Instruction's control.
(7) Bezwada Industrial school }
(8) Madras Industrial school.

For Revenue to say. G.S.F.

5. The officers deputed for the inspection of the other technical schools would generally be officers in Government service, and besides their travelling allowance nothing more need be paid to them. If, however, an honorarium is *considered desirable* it may be fixed by Government on the recommendation of the Director of Public Instruction.

Why should it be ?
H. D. TAYLOR.

6. Velayudasari's appointment in the School of Arts is to be taken out of the Provincial Educational Service. But instead of its being given to a college as proposed, it may perhaps be better reserved for an Assistant Inspector of Technical and Industrial Schools working under Mr. Chatterton.

T. T. LOGAN—9-4-07.

EDUCATIONAL DEPARTMENT.

Submitted.

2. It is for consideration whether Government will accept the recommendation of the Director of Public Instruction in the note above.

T.K.—10-4-07.

K. RANGASWAMI AIYANGAR—10-4-07.

C. A. SOUTER—10-4-07.

The proposals of the Director of Public Instruction seem well considered except as to the proposed appointment of an Assistant to Mr. Chatterton. Though the post of Assistant, School of Arts, will be removed from the cadre of Provincial Educational Service, Velayudasari will still be retained on the School of Arts establishment and there will be no saving. There is no need to go out of our way to incur additional expenditure by the creation of another post, which will render Mr Chatterton's visits of inspection less detailed and may result in the loss of advice based on Mr. Chatterton's experience.

An Assistant Inspector need not be under Mr. Chatterton but under the Director of Public Instruction ?
G. S F[ORBES].

H. D. TAYLOR—11-4-07.

I agree with Mr. Taylor that the Director of Public Instruction's proposals are well considered.

2. The question of an Assistant Inspector need not be discussed here. We have only to decide on this file the scope of Mr. Chatterton's duties.

G. S. F[ORBES]—23-4-07.

Please draft. Revenue to accept.

H. D. TAYLOR—28-4-07.

From the Revenue Department, dated 2nd February 1907, No. 249.

No copy of the notes connected with the Revenue order has yet been received. It is submitted that the Revenue Department may be asked to expedite the despatch of the copy of the notes.

T.K.—7-2-07.

K. RANGASWAMI AIYANGAR—7-2-07.

C. A. SOUTER—8-2-07.

To the Revenue Department.

REVENUE DEPARTMENT.

A proof copy of the notes received from press is put up below and may be forwarded to Educational Department.

E.S J.—14-2-07.

A proof copy is sent to Educational. A fair one will follow.

D. T. CHADWICK—15-2-07.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

The Revenue Department order No. 249, dated 2nd February 1907, defines the duties of Mr. Chatterton as Director of Industrial and Technical Inquiries.

2. Paragraph 3 of the order states that "in addition to his other functions, "Mr. Chatterton will, for the present, be entrusted with the inspection of technical "schools in this Presidency and that further orders will be issued in the Educational "Department defining the scope of his duties as Inspector of Technical Schools and "his relation in this capacity with the Director of Public Instruction."

3. There is another current on this subject not yet disposed of—Please see Educational Current No. 2074, dated 18th December 1906. In the notes connected with this current, the Honourable Member noted as follows:—

Will Revenue Department advise as to the instructions to be issued requiring Mr. Chatterton to inspect such institutions (Technical schools) when so directed by the Director of Public Instruction. The instructions should minimize chances of friction. The Director of Public Instruction should, I presume, draw up a half-yearly programme and Educational and Revenue Departments between them settle how and when it is to be carried out.

4. The Revenue Department has not yet given its advice in the matter. The Revenue Secretary Mr. Cardew observed "there is risk of friction if the duties of "Mr. Chatterton on the Educational side are not defined. Please see G.O., No. 394, "Educational, dated 4th June 1906. Until the work to be done (by Mr. Chatterton)

"is settled, it is difficult to suggest rules regulating how it is to be done. Therefore "it seems best to ascertain first what Mr. Chatterton has hitherto done in this "direction." The Director of Public Instruction has been asked to furnish this information—*vide* official memorandum No. 416-2, Educational, dated 2nd March 1907.

5. In these circumstances, the present current may, it is submitted, lie over pending the receipt of the Revenue Department's reply to the Educational u.o. reference No. 54-1, dated 8th January 1907.

T.K.—19-3-07.

K. RANGASWAMI AIYANGAR—20-3-07.

C. A. SOUTER—21-3-07.

Yes.

H. D. TAYLOR—22-3-07.

C. No. 269, which has been lying over pending the return of this file from Revenue, has now been added to the file and a draft order reading both the currents is submitted below for approval. If approved, the draft may be sent to Revenue for acceptance.

T.K.—2-5-07.

C. A. SOUTER—3-5-07.

To the Revenue Department.

REVENUE DEPARTMENT.

The draft below defines the scope of Mr. Chatterton's duties as Inspector of Technical Schools. The draft may, it is submitted, be accepted in this department.

E.S.J.—6-5-07.

According to statement in 1905-1906 of Educational report, Chengelvaraya Naicker's Institute is merely a Commercial school, but recently Mr. Chatterton transferred some of his mechanical classes there, so it should be inspected by him.

Vetapalem is a Local Board school containing 8 students. It is really the Weaving branch of the Bezwada Technical Institute.

2. Referring to the Director of Public Instruction's note (page 8 *supra*) Agricultual officers may be asked to inspect Agricultural schools. At present agriculture is taught at—

	Students.
Melrosapuram	20
Bezwada Industrial school	14
Manamadurai American Mission	4
Saidapet Teachers' College	57

The first three are hardly "advanced".

3. Revenue may accept draft.

D. T. CHADWICK—7-5-07.

The Educational draft may be accepted in Revenue.

A. G. CARDEW—8-5-07.

Yes, accepted.

M. H[AMMICK]—9-5-07.

To the Educational Department.

A. G. CARDEW—10-5-07.

EDUCATIONAL DEPARTMENT.

Financial u.o. for acceptance of paragraph 3 of the draft.

H. D. TAYLOR—13-5-07.

To the Financial Department.

FINANCIAL DEPARTMENT.

Paragraph 3 of the draft order may be accepted.

C. M. SCHMIDT—13-5-07.

Yes.

H. BRADLEY—15-5-07.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

For approval.

H. D. TAYLOR—17-5-07.

Approved: but I would put the question of the junior allowance in a separate order: else we shall have mixed files.

G. S. F[ORBES]—18-5-07.

Please issue as two separate orders—

Paragraph 4 being separate, the material portion of the Director of Public Instruction's letter forming a separate current.

H. D. TAYLOR—20-5-07.

[G.O., Nos. 302, 303, Educational, dated 20th May 1907.]

Sketch with G.O. No. 302 Ed 20.5.07

Educational Department.

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Read the following papers:--

From the Director of Public Instruction, Madras, No.9262, dated 17-12-1906.

From the Revenue Department, G.O.No. 249, dated 2--2-1907.

ORDER:-- 303 dy 20-5-07

P.S.

As to the question of the eligibility of Mr. Chatterton to the junior allowance of Rs.200-10-250 which he has been drawing as an officer of the Indian Educational Service, the Director will be informed that a reference has been made to the Government of India.

T.K.
2-5-07.

C.A.S.
5-5-07.

H.D.T.
15-5-07.

G.S.F.
18-5-07.

To

The D.P.I. ✓ Despd 23/5/07

The A.G. ✓

The Revenue Dept. } In ms file.