Govt. of {1889} Madras.

PUBLIC.

No. 1395 Wd / 23rd May 1889

Comd. & Offrs
& the M.D. for information
& guidance.
S., R.R. & O.B.

Issued

Recd. *Encl.*

G.O., 15th April 1889, No. 339.

APRIL.

Medical and Vaccination Certificates.

Approving, and communicating to all Heads of Departments, revised rules relating to the grant of —.

C.S. for I
C.S. for Ry.
S.E.
C.A.
E.F.
Ever Ry, Cases

FROM

THE DIRECTOR GENERAL
OF RAILWAYS,

To

THE

Circular No. 5.

Dated Simla, the 9th April 1889.

Received

INDIAN STATE RAILWAYS.

Rate List, Class D—Permanent-way materials —for 1887.

G. C. Press, Simla.—No. 1520 P. W. D.—16-4-89—1,100.

[*General Distribution.*]

Circular No. 5.

FROM

THE DIRECTOR GENERAL OF RAILWAYS,

TO

THE DIRECTOR, NORTH-WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND STATE RAILWAY.
THE ENGINEER-IN-CHIEF, SIND-PISHIN STATE RAILWAY.
THE AGENT AND CHIEF ENGINEER, DELHI-KALKA RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Simla, the 9th April 1889.

SIR,

I have the honour to forward herewith, for information and guidance, a printed statement showing the actual English rates for D Class Stores "Permanent-way materials" contracted for by the India Office from January to December 1887.

I have the honour to be,

SIR,

Your most obedient Servant,

M. C. BRACKENBURY, Major, R.E.,
Deputy Director General.

Document Accompanying.
Rate List, Class D—Permanent-way materials—for 1887.

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.
The Secretaries to the Chief Commissioners of the Central Provinces, Burma, Assam, and Coorg, Public Works Department.
The Secretaries to the Residents, Hyderabad and Mysore, Public Works Department.
The Secretaries to the Agents to the Governor General, Rajputana and Central India, and Baluchistan, Public Works Department.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Inspector General of Military Works.
The Accountant General, Public Works Department.
The Comptroller General.
The Accountant General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow and Central Division.
The Agent and General Manager, Assam Railways and Trading Company, Limited.

Copy forwarded to the Local Governments, Administrations and Officers marginally noted for information.

M. C. BRACKENBURY, Major, R.E.,
Deputy Director General.

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—again G.O., dated 2nd February 1889, No. 119, Public.

READ—also the following paper:—

From G. BIDIE, Esq., M.B., C.I.E., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Fort St. George, 12th March 1889, No. 117.

With reference to G.O., No. 119, Public, dated 2nd February 1889, I have the honor to submit, for the final sanction of Government, a revised draft of rules regulating the grant of medical and vaccination certificates, embodying the modifications suggested in the above Government Order.

ORDER—dated 15th April 1889, No. 339, Public.

The revised rules relating to the grant of medical and vaccination certificates, submitted with the foregoing letter are approved, as amended by Government. They will be printed as an appendix to these Proceedings and communicated to all Heads of Departments.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Surgeon-General with the Government of Madras.
„ all Heads of Departments.
„ all Collectors.

APPENDIX.

The following rules and instructions are issued for the guidance of Medical Officers who may be called upon to grant a medical or vaccination certificate to any person already in, or seeking to enter, the public service in civil employ :—

1. *Medical certificates* are required by—

(*a*) Candidates for the public service as to their physical fitness for Government employment;

(*b*) Candidates for pension from Government service as to their unfitness for further service ;

(*c*) Government servants who desire leave to recruit their health.

2. Commissioned Medical Officers holding Presidency appointments or in medical charge of districts or civil stations, and Uncovenanted Officers in the position of District or Civil Surgeons, are, with the exceptions noted below, alone authorized to grant *certificates of physical fitness for the public service.* Such certificates are not to be granted by Assistant Surgeons unless when in independent medical charge of a district, nor by warrant medical officers, civil apothecaries or hospital assistants, except to persons proposed to be appointed to posts carrying less than Rs. 50 a month who cannot conveniently appear before a Commissioned Medical Officer or Civil Surgeon.

3. A medical certificate of fitness for the public service is not to be given to any person unless he can produce a letter or other form of requisition from the head of the office or department in which he seeks employment ; and such requisition should be accompanied by a descriptive roll signed by the head of the office or department.

4. The form of certificate to be given to a candidate for employment in the public service is laid down in Rule 2, Section 106, Civil Pension Code, and should contain such additional particulars regarding the nature of the duties the candidate is expected to perform, and his physical fitness therefor, as the head of the department making the requisition required in Rule 3 above may desire to have.

5. Commissioned Medical Officers holding Presidency appointments or in charge of districts or civil stations, and Uncovenanted Officers in the position of District or Civil Surgeons, are, with the exceptions noted below, alone authorized to grant *certificates of unfitness for further service.* Such certificates should not be grant ed by Assistant Surgeons, except when in independent medical charge of districts, nor by warrant medical officers, civil apothecaries or hospital assistants, except to public servants whose pay is below Rs. 50, and who cannot conveniently appear before a Commissioned Medical Officer or Civil Surgeon.

6. Medical officers should not grant a certificate of unfitness for further service to any Government servant, except on the requisition and with the cognizance of the head of the office or department in which he is at the time serving. Every such application for examination should be accompanied by a descriptive roll of the person to be examined, signed by the head of such office or department.

7. The form of the certificate to be granted to an officer applying for pension is laid down in Section 108, Civil Pension Code, and should contain such additional particulars regarding the nature of the duties for which he is supposed to be unfit as the head of his office or department may desire to have.

8. All medical officers and subordinates in independent medical charge of a district or station are authorized to grant *certificates to Government servants recommending the grant or commutation of leave on medical grounds,* provided the person by whom the certificate is required can produce a letter, order, or other document from the head of the office or department in which he is employed, authorizing him to apply for such certificate. But Government servants already on leave, and requiring an extension on medical grounds, are not required to produce a permit from the head of their department before appearing for medical examination.

NOTE.—Certificates granted under this rule by a Hospital Assistant in temporary charge of a Civil Surgeon's station are only to be accepted subject to confirmation by the Civil Surgeon on his return to the station.

9. A certificate, recommending the grant or extension of leave on medical grounds, should always specify whether the nature of the patient's complaint is such as to preclude him, either wholly or partially, from discharging his public duties. In cases where the medical officer considers further observation necessary, he is entitled to insist on it before granting the certificate.

10. The form of certificate recommending the grant of leave on medical grounds is laid down in Rule 10, Section 79, Civil Leave Code. Such certificates should ordinarily be accepted from Government medical officers alone, except when required to justify mere casual leave of absence.

11. *Vaccination certificates* required by candidates for the public service may not be granted except on the requisition of the head of the office or department in which the candidate seeks employment.

The following officers are empowered to grant such certificates in addition to, or in the absence of, those enumerated in Rule 2 above :—

Native or Assistant Surgeons.	Hospital Assistants.
Apothecaries and Assistant Apothecaries.	Deputy Superintendents of Vaccination.
Sub-Assistant Apothecaries.	

12. If a medical subordinate granting a vaccination certificate receives no pay from Government, either wholly or in part, he will be entitled to a fee of 1 rupee for every such certificate.

13. Except in the instance referred to in Rule 12 above, no fee or recompense of any kind is to be asked for or accepted in consideration of the grant of any of the certificates referred to in this circular.

14. A medical officer signing any of the certificates referred to in the above rules should indicate, in addition to his usual departmental designation, whether he is the chief medical officer of his station or district, or otherwise.

Exd. A. Raitt.

Enclosure to Director General of Railways' Circular No. 5. of 1889.

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1887.

Enclosure to Director General of Railways' Circular No. 5 of 1889.

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1887.

Enclosure to Director General of Railways' Circular No. 5 of 1889.

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on Board.				Remarks.
				Amount.			Unit.	
			lbs.	£	s.	d.		
161	Bolts, fang ...	Steel and fangs, for double-headed rails	73	14	10	0	Ton.	
263	Ditto ...	Ditto ditto	73	14	10	0	„	
D873	Bolts, fish ...	With nuts and washers for rails	69½	12	19	0	Ton.	
12	Ditto ...	With nuts only for rails, steel	75	12	19	0	„	
142	Ditto ...	With nuts only for rails, double-headed	73	12	19	0	„	
197	Ditto ...	Ditto ditto	75 or 73	12	0	0	„	
412	Ditto ...	With nuts	75	14	10	0	„	
489	Ditto ...	With nuts and washers	75	14	10	0	„	
316	Ditto ...	Ditto for reversible rails (Punjab Section) ...	68	13	0	0	„	
316	Ditto ...	Ditto for bull-headed rails (Delhi Section) ...	68	13	10	0	„	
294	Ditto ...	With nuts for rails, flat-footed	62	14	10	0	„	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
153	Chairs, iron ...	Cast, for double-headed rails	73	2	18	6	Ton.	
D853	Crossings, steel, crucible, cast, reversible.	With fish-bolts, nuts, and spikes complete, angle 1 in 12 for double-headed steel rails.	69½	12	17	6	Each.	
318	Ditto ...	With chairs, fish-bolts, nuts, and spikes complete, angle 1 in 10 for bull-headed steel rails.	68	11	14	6	,,	
D863	Plates, fish ...	For Vignole's rails	75	5	0	0	Ton.	
13	Ditto ...	For flat-footed rails	75	5	0	0	,,	
189	Ditto ...	For double-headed steel rails (with 6 holes)	73	5	10	0	,,	
269	Ditto ...	Ditto ditto ditto	73	5	0	0	,,	
331	Ditto ...	For flat-footed rails	75	5	5	3	,,	
317	Ditto ...	For bull-headed and reversible steel rails (Delhi and Punjab Section)	68	8	7	6	,,	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
D860	Rails, steel ...	Vignole's, in 30′, 27′ & 24′ lengths	75	4	4	0	Ton.	4 per cent. 27 ft. and 2 per cent. 24 ft. length.
D861	Ditto ...	Ditto ditto	75	4	8	6	,,	Ditto ditto.
21	Ditto ...	Vignole's rails to be 25·965 feet long, but not more than 6 per cent. of the whole 23·077 ft. will be accepted.	75	4	0	0	,,	Required for use with Abt system.
264	Ditto ...	Vignole's	75	3	19	0	,,	
150	Ditto ...	Double-headed, all 30 ft. long	73	4	2	6	,,	
325	Ditto ...	Bull-headed, in length of 23 ft. with 4 per cent. 20′	68	4	7	6	,,	
,,	Ditto ...	Reversible ditto	68					
D864	Sleepers, steel ...	Transverse (or peapod) and steel keys for Vignole's rails ...	75	5	0	0	Ton.	
196	Ditto ...	Ditto	75	4	18	6	,,	
315	Sleepers, iron; fastenings for—Tie-bars.	For new oval Punjab pot sleepers	...	5	2	0	,,	
295	Spikes	For 2 lb. and 75 lb. rails	...	10	2	6	Ton.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
37	Switches; Spare parts of—	Complete set of chairs, duplicate, for Dea's and Rapiers' 3 throw switches for 67 lb. D. H. steel rails 10′ and 13′ tongues.	67	5	15	0	Set.	*Actual Shipments.* 8 Right hand chairs. 3 Left „ „ 30 Side chairs.
D854	Ditto ...	Rails; Stock for—69½ lb. D. H. section 20 ft. long	69½	1	11	0	Each.	
„	„	„ tongue „ 12 „ „ (right and left hand)	„	1	3	6	„	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
D852	Bolts, fang	With fangs, nuts and washers, ¾″ diameter	13	10	0	Ton.	
D869	Bolts, fish	With nuts and washers for rails, steel, flat-footed, 41¼ lbs. per yard ...	10	15	0	Ton.	
D870	Ditto	Ditto ditto ditto ...	10	17	6	„	
D875	Ditto	Ditto ditto ditto ...	13	10	0	„	The nuts to be plain nuts.
75	Ditto	Ditto ditto ditto ...	13	0	0	„	
140	Ditto	Ditto ditto 50 ditto ...	12	0	0	„	
162	Ditto	Ditto ditto 41¼ ditto ...	18	10	0	„	
274	Ditto	Ditto ditto ditto ...	12	17	6	„	
297	Ditto	Ditto ditto ditto ...	12	17	6	„	
453	Ditto	Ditto ditto ditto ...	12	17	6	„	
459	Ditto	Ditto ditto ditto ...	18	7	6	„	
D850	Crossing, steel, crucible, cast, reversible.	For 41¼ lbs. rails, with fish-bolts, holding down bolts and nuts, complete, angle 1 in, 9½.	7	9	6	Each.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
D851	Crossings, steel, crucible, cast reversible—*concld.*	For 41¼ lbs. rails, with fish-bolts, holding down bolts and nuts, complete, angle 1 in 9½ ...	7	6	0	Each.	
„		*Ditto* ditto „ 1 in 12 ...	8	1	0	„	
D856		Ditto ditto „ 1 in 12 ...	9	8	6	„	
„		Ditto ditto „ 1 in 9½ ...	7	19	6	„	
„		Ditto ditto „ 1 in 6¾ ...	6	14	6	„	
D859		Ditto ditto „ 1 in 7 ...	6	5	0	„	
D867		Ditto ditto „ 1 in 10 ...	7	17	6	„	
„		Ditto ditto „ 1 in 7 ...	6	5	0	„	
„		Ditto ditto „ 1 in 5 ...	4	15	0	„	
D867		Ditto ditto „ 1 in 10 ...	7	4	9	„	
328		Ditto ditto „ 1 in 7 ...	5	14	3	„	
79		For 50 lb. rails, complete, with wrought-iron bearing plates or cast iron chairs with Murray's patent fastenings, angle 5° 30'.	5	7	6	Each.	
„		Ditto ditto „ 7° 45' ...	5	7	6	„	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Descripton.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
462	Crossings, built up ...	For 41½lb. rails, complete, with cast-iron chairs, angle 1 in 12 ...	5	0	0	Each.	
„		Ditto ditto „ 1 in 9½ ...	5	0	0	„	
452	Plates, bearing	Rectangular, with 4 holes for spikes for 41¼ lb. rails	9	6	12	Ton.	
D865	Plates, fish	For 41¼ lb. rails	5	7	6	Ton.	
469	Ditto	Ditto	5	0	0	„	
15	Ditto	For 50 lb. rails, steel, flat-footed	5	1	0	„	
151	Ditto	Ditto	5	17	6	„	
152	Ditto	Ditto	5	5	0	„	
D862	Rails, steel	Flat-footed, 41¼ lbs. per yard, 24 feet long	4	4	9	Ton.	For cost of colliery rails, see page 9.
D871	Ditto	Ditto	4	6	6	„	
D872	Ditto	Ditto	4	6	6	„	
282	Ditto	Ditto	4	12	6	„	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
324	Rails, steel, concluded ...	Flat-footed, 41¼ lbs. per yard	4	12	6	Ton.	
470	Ditto „ ...	Ditto	4	0	0	„	
471	Ditto „ ...	Ditto	4	0	0	„	
14	Ditto „ ...	Flat-footed, 50 lbs. per yard	4	1	6	„	
139	Ditto „ ...	Ditto	4	2	6	„	
D868	Spikes, dog	For rails, steel, flat-footed, 41¼ lbs. per yard	10	10	0	Ton.	
D874	Ditto	Ditto „	10	12	6	„	
32	Ditto	Ditto „ 41¼ and 50 lbs. rails	10	5	0	„	
127	Ditto	For rails, steel, flat-footed, 41¼ lbs. per yard	10	10	0	„	
286	Ditto	Ditto	10	7	6	„	
327	Ditto	Ditto	10	2	6	„	

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CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
D857	Switches (or points), complete.	For 41¼ lb. steel rails, with 12 ft. tongues	5	15	0	Set.	
D858		Ditto ditto	6	1	6	„	
D866		Ditto ditto	5	17	0	„	
458		Ditto ditto	6	10	0	„	
74		Single throw, for 50 lb. rails (to suit crossings, angles 5° 30′ and 7° 45′) with 12 ft. tongues.	6	8	0	„	
158		For 41¼ lb. steel rails, with 9 ft. tongues	6	0	0	„	
465	Switches; Spare parts of— ...	Switch boxes with Dea's and Rapiers' patent indicators and lamp, complete.	8	10	0	Each.	
D855	Rails, steel	20 lbs. per yard, in 18 ft. lengths	4	12	6	Ton.	For colliery underground tramway.
59	Ditto	Ditto ditto	5	4	0	„	„

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M. C. BRACKENBURY, Major, R.E.,

Deputy Director General of Railways.

Enclosure to Director General of Railways' Circular No. 5. of 1889.

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

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CLASS D.

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CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
161	Bolts, fang ...	Steel and fangs, for double-headed rails	73	14	10	0	Ton.	
263	Ditto ...	Ditto ditto	73	14	10	0	,,	
D873	Bolts, fish ...	With nuts and washers for rails	69½	12	19	0	Ton.	
12	Ditto ...	With nuts only for rails, steel	75	12	19	0	,,	
142	Ditto ...	With nuts only for rails, double-headed	73	12	19	0	,,	
197	Ditto ...	Ditto ditto	75 or 73	12	0	0	,,	
412	Ditto ...	With nuts	75	14	10	0	,,	
489	Ditto ...	With nuts and washers	75	14	10	0	,,	
316	Ditto ...	Ditto for reversible rails (Punjab Section) ...	68	13	0	0	,,	
316	Ditto ...	Ditto for bull-headed rails (Delhi Section) ...	68	13	10	0	,,	
294	Ditto ...	With nuts for rails, flat-footed	62	14	10	0	,,	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
153	Chairs, iron ...	Cast, for double-headed rails	73	2	18	6	Ton.	
D853	Crossings, steel, crucible, cast, reversible.	With fish-bolts, nuts, and spikes complete, angle 1 in 12 for double-headed steel rails.	69½	12	17	6	Each.	
318	Ditto ...	With chairs, fish-bolts, nuts, and spikes complete, angle 1 in 10 for bull-headed steel rails.	68	11	14	6	,,	
D863	Plates, fish ...	For Vignole's rails	75	5	0	0	Ton.	
13	Ditto ...	For flat-footed rails	75	5	0	0	,,	
189	Ditto ...	For double-headed steel rails (with 6 holes)	73	5	10	0	,,	
269	Ditto ...	Ditto ditto ditto	73	5	0	0	,,	
331	Ditto ...	For flat-footed rails	75	5	5	3	,,	
317	Ditto ...	For bull-headed and reversible steel rails (Delhi and Punjab Section)	68	8	7	6	,,	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
D860	Rails, steel ...	Vignole's, in 30′, 27′ & 24′ lengths	75	4	4	0	Ton.	4 per cent. 27 ft. and 2 per cent. 24 ft. length.
D861	Ditto ...	Ditto ditto	75	4	8	6	,,	Ditto ditto.
21	Ditto ...	Vignole's rails to be 25·965 feet long, but not more than 6 per cent. of the whole 23·077 ft. will be accepted.	75	4	0	0	,,	Required for use with Abt system.
264	Ditto ...	Vignole's	75	3	19	0	,,	
150	Ditto ...	Double-headed, all 30 ft. long	73	4	2	6	,,	
325	Ditto ...	Bull-headed, in length of 23 ft. with 4 per cent. 20′	68	4	7	6	,,	
,,	Ditto ...	Reversible ditto	68					
D864	Sleepers, steel ...	Transverse (or peapod) and steel keys for Vignole's rails ...	75	5	0	0	Ton.	
196	Ditto ...	Ditto	75	4	18	6	,,	
315	Sleepers, iron; fastenings for—Tie-bars.	For new oval Punjab pot sleepers	...	5	2	0	,,	
295	Spikes	For 2 lb. and 75 lb. rails	...	10	2	6	Ton.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
37	Switches; Spare parts of—	Complete set of chairs, duplicate, for Dea's and Rapiers' 3 throw switches for 67 lb. D. H. steel rails 10′ and 13′ tongues.	lbs. 67	5	15	0	Set.	*Actual Shipments.*
D854	Ditto ...	Rails; Stock for—69½ lb. D. H. section 20 ft. long	69½	1	11	0	Each.	8 Right hand chairs.
,,	,,	,, tongue ,, 12 ,, ,, (right and left hand)	,,	1	3	6	,,	3 Left ,, ,, 30 Side chairs..

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
D852	Bolts, fang	With fangs, nuts and washers, ¾″ diameter	13	10	0	Ton.	
D869	Bolts, fish	With nuts and washers for rails, steel, flat-footed, 41¼ lbs. per yard ...	10	15	0	Ton.	
D870	Ditto	Ditto ditto ditto ...	10	17	6	,,	
D875	Ditto	Ditto ditto ditto ...	13	10	0	,,	The nuts to be plain nuts.
75	Ditto	Ditto ditto ditto ...	13	0	0	,,	
140	Ditto	Ditto ditto 50 ditto ...	12	0	0	,,	
162	Ditto	Ditto ditto 41¼ ditto ...	18	10	0	,,	
274	Ditto	Ditto ditto ditto ...	12	17	6	,,	
297	Ditto	Ditto ditto ditto ...	12	17	6	,,	
453	Ditto	Ditto ditto ditto ...	12	17	6	,,	
459	Ditto	Ditto ditto ditto ...	18	7	6	,,	
D850	Crossing, steel, crucible, cast, reversible.	For 41¼ lbs. rails, with fish-bolts, holding down bolts and nuts, complete, angle 1 in, 9½.	7	9	6	Each.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
D851	Crossings, steel, crucible, cast reversible—*contd.*	For 41¼ lbs. rails, with fish-bolts, holding down bolts and nuts, complete, angle 1 in 9½ ...	7	6	0	Each.	
,,		Ditto ditto ,, 1 in 12 ...	8	1	0	,,	
D856		Ditto ditto ,, 1 in 12 ...	9	8	6	,,	
,,		Ditto ditto ,, 1 in 9½ ...	7	19	6	,,	
,,		Ditto ditto ,, 1 in 6¾ ...	6	14	6	,,	
D859		Ditto ditto ,, 1 in 7 ...	6	5	0	,,	
D867		Ditto ditto ,, 1 in 10 ...	7	17	6	,,	
,,		Ditto ditto ,, 1 in 7 ...	6	5	0	,,	
,,		Ditto ditto ,, 1 in 5 ...	4	15	0	,,	
D867		Ditto ditto ,, 1 in 10 ...	7	4	9	,,	
328		Ditto ditto ,, 1 in 7 ...	5	14	3	,,	
79		For 50 lb. rails, complete, with wrought-iron bearing plates or cast iron chairs with Murray's patent fastenings, angle 5° 30′.	5	7	6	Each.	
,,		Ditto ditto ,, 7° 45′ ...	5	7	6	,,	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
462	Crossings, built up ...	For 41½ lb. rails, complete, with cast-iron chairs, angle 1 in 12 ...	5	0	0	Each.	
,,		Ditto ditto ,, 1 in 9½ ...	5	0	0	,,	
452	Plates, bearing	Rectangular, with 4 holes for spikes for 41¼ lb. rails	9	6	12	Ton.	
D865	Plates, fish	For 41¼ lb. rails	5	7	6	Ton.	
469	Ditto	Ditto	5	0	0	,,	
15	Ditto	For 50 lb. rails, steel, flat-footed	5	1	0	,,	
151	Ditto	Ditto	5	17	6	,,	
152	Ditto	Ditto	5	5	0	,,	
D862	Rails, steel	Flat-footed, 41¼ lbs. per yard, 24 feet long	4	4	9	Ton.	For cost of colliery rails, see page 9.
D871	Ditto	Ditto	4	6	6	,,	
D872	Ditto	Ditto	4	6	6	,,	
282	Ditto	Ditto	4	12	6	,,	

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Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
324	Rails, steel, concluded ...	Flat-footed, 41¼ lbs. per yard	4	12	6	Ton.	
470	Ditto „ ...	Ditto	4	0	0	„	
471	Ditto „ ...	Ditto	4	0	0	„	
14	Ditto „ ...	Flat-footed, 50 lbs. per yard	4	1	6	„	
139	Ditto „ ...	Ditto	4	2	6	„	
D868	Spikes, dog	For rails, steel, flat-footed, 41¼ lbs. per yard	10	10	0	Ton.	
D874	Ditto	Ditto „	10	12	6	„	
32	Ditto	Ditto „ 41¼ and 50 lbs. rails	10	5	0	„	
127	Ditto	For rails, steel, flat-footed, 41¼ lbs. per yard	10	10	0	„	
286	Ditto	Ditto	10	7	6	„	
327	Ditto	Ditto	10	2	6	„	

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For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
D857	Switches (or points); complete.	For 41¼ lb. steel rails, with 12 ft. tongues	5	15	0	Set.	
D858		Ditto ditto	6	1	6	„	
D866		Ditto ditto	5	17	0	„	
458		Ditto ditto	6	10	0	„	
74		Single throw, for 50 lb. rails (to suit crossings, angles 5° 30′ and 7° 45′) with 12 ft. tongues.	6	8	0	„	
458		For 41¼ lb. steel rails, with 9 ft. tongues	6	0	0	„	
465	Switches; Spare parts of— ...	Switch boxes with Dea's and Rapiers' patent indicators and lamp, complete.	8	10	0	Each.	
D855	Rails, steel	20 lbs. per yard, in 18 ft. lengths	4	12	6	Ton.	
59	Ditto	Ditto ditto	5	4	0	„	For colliery underground tramway.

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M. C. BRACKENBURY, Major, R.E.,

Deputy Director General of Railways.

Enclosure to Director General of Railways' Circular No. 5. of 1889.

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1887.

Enclosure to Director General of Railways' Circular No. 5 of 1889.

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

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CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
161	Bolts, fang ...	Steel and fangs, for double-headed rails	73	14	10	0	Ton.	
263	Ditto ...	Ditto ditto	73	14	10	0	,,	
D873	Bolts, fish ...	With nuts and washers for rails	69½	12	19	0	Ton.	
12	Ditto ...	With nuts only for rails, steel	75	12	19	0	,,	
142	Ditto ...	With nuts only for rails, double-headed	73	12	19	0	,,	
197	Ditto ...	Ditto ditto	75 or 73	12	0	0	,,	
412	Ditto ...	With nuts	75	14	10	0	,,	
489	Ditto ...	With nuts and washers	75	14	10	0	,,	
316	Ditto ...	Ditto for reversible rails (Punjab Section) ...	68	13	0	0	,,	
316	Ditto ...	Ditto for bull-headed rails (Delhi Section) ...	68	13	10	0	,,	
294	Ditto ...	With nuts for rails, flat-footed	62	14	10	0	,,	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
153	Chairs, iron ...	Cast, for double-headed rails	73	2	18	6	Ton.	
D853	Crossings, steel, crucible, cast, reversible.	With fish-bolts, nuts, and spikes complete, angle 1 in 12 for double-headed steel rails.	69½	12	17	6	Each.	
318	Ditto ...	With chairs, fish-bolts, nuts, and spikes complete, angle 1 in 10 for bull-headed steel rails.	68	11	14	6	,,	
D863	Plates, fish ...	For Vignole's rails	75	5	0	0	Ton.	
13	Ditto ...	For flat-footed rails	75	5	0	0	,,	
189	Ditto ...	For double-headed steel rails (with 6 holes)	73	5	10	0	,,	
269	Ditto ...	Ditto ditto ditto	73	5	0	0	,,	
331	Ditto ...	For flat-footed rails	75	5	5	3	,,	
317	*Ditto ...	For bull-headed and reversible steel rails (Delhi and Punjab Section)	68	8	7	6	,,	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

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Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
D860	Rails, steel ...	Vignole's, in 30′, 27′ & 24′ lengths	75	4	4	0	Ton.	4 per cent. 27 ft. and 2 per cent. 24 ft. length.
D861	Ditto ...	Ditto ditto	75	4	8	6	,,	Ditto ditto.
21	Ditto ...	Vignole's rails to be 25·965 feet long, but not more than 6 per cent. of the whole 23·077 ft. will be accepted.	75	4	0	0	,,	Required for use with Abt system.
264	Ditto ...	Vignole's	75	3	19	0	,,	
150	Ditto ...	Double-headed, all 30 ft. long	73	4	2	6	,,	
325	Ditto ...	Bull-headed, in length of 23 ft. with 4 per cent. 20′	68	4	7	6	,,	
,,	Ditto ...	Reversible ditto	68					
D864	Sleepers, steel ...	Transverse (or peapod) and steel keys for Vignole's rails ...	75	5	0	0	Ton.	
196	Ditto ...	Ditto	75	4	18	6	,,	
315	Sleepers, iron; fastenings for—Tie-bars.	For new oval Punjab pot sleepers	...	5	2	0	,,	
295	Spikes	For 2 lb. and 75 lb. rails	...	10	2	6	Ton.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

For 5′ 6″ Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
37	Switches; Spare parts of—	Complete set of chairs, duplicate, for Dea's and Rapiers' 3 throw switches for 67 lb. D. H. steel rails 10′ and 13′ tongues.	67	5	15	0	Set.	*Actual Shipments.*
D854	Ditto ...	Rails; Stock for—69½ lb. D. H. section 20 ft. long	69½	1	11	0	Each.	8 Right hand chairs.
,,	,,	,, tongue ,, 12′ ,, ,, (right and left hand)	,,	1	3	6	,,	3 Left ,, ,, 30 Side chairs..

For Metre Gauge Railways.

Contracted for in 1887.

Contract Number.	Articles.	Description.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
D852	Bolts, fang	With fangs, nuts and washers, ¾″ diameter	13	10	0	Ton.	
D869	Bolts, fish	With nuts and washers for rails, steel, flat-footed, 41¼ lbs. per yard ...	10	15	0	Ton.	
D870	Ditto	Ditto ditto ditto ...	10	17	6	,,	
D875	Ditto	Ditto ditto ditto ...	13	10	0	,,	The nuts to be plain nuts.
75	Ditto	Ditto ditto ditto ...	13	0	0	,,	
140	Ditto	Ditto ditto 50 ditto ...	12	0	0	,,	
162	Ditto	Ditto ditto 41¼ ditto ...	18	10	0	,,	
274	Ditto	Ditto ditto ditto ...	12	17	6	,,	
297	Ditto	Ditto ditto ditto ...	12	17	6	,,	
453	Ditto	Ditto ditto ditto ...	12	17	6	,,	
459	Ditto	Ditto ditto ditto ...	18	7	6	,,	
D850	Crossing, steel, crucible, cast, reversible.	For 41¼ lbs. rails, with fish-bolts, holding down bolts and nuts, complete, angle 1 in, 9½.	•7	9	6	Each.	

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Contract Number.	Articles.	Description.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
D851	Crossings, steel, crucible, cast reversible—*concld.*	For 41¼ lbs. rails, with fish-bolts, holding down bolts and nuts, complete, angle 1 in 9⅓ ...	7	6	0	Each.	
,,		Ditto ditto ,, 1 in 12 ...	8	1	0	,,	
D856		Ditto ditto ,, 1 in 12 ...	9	8	6	,,	
,,		Ditto ditto ,, 1 in 9½ ...	7	19	6	,,	
,,		Ditto ditto ,, 1 in 6¾ ...	6	14	6	,,	
D859		Ditto ditto ,, 1 in 7 ...	6	5	0	,,	
D867		Ditto ditto ,, 1 in 10 ...	7	17	6	,,	
,,		Ditto ditto ,, 1 in 7 ...	6	5	0	,,	
,,		Ditto ditto ,, 1 in 5 ...	4	15	0	,,	
D867		Ditto ditto ,, 1 in 10 ...	7	4	9	,,	
328		Ditto ditto ,, 1 in 7 ...	5	14	3	,,	
79		For 50 lb. rails, complete, with wrought-iron bearing plates or cast iron chairs with Murray's patent fastenings, angle 5° 30′.	5	7	6	Each.	
,,		Ditto ditto ,, 7° 45′ ...	5	7	6	,,	

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Contract Number.	Articles.	Descripton.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
462	Crossings, built up ...	For 41½lb. rails, complete, with cast-iron chairs, angle 1 in 12 ...	5	0	0	Each.	
,,		Ditto ditto ,, 1 in 9½ ...	5	0	0	,,	
452	Plates, bearing	Rectangular, with 4 holes for spikes for 41¼ lb. rails	9	6	12	Ton.	
D865	Plates, fish	For 41¼ lb. rails	5	7	6	Ton.	
469	Ditto	Ditto	5	0	0	,,	
15	Ditto	For 50 lb. rails, steel, flat-footed	5	1	0	,,	
151	Ditto	Ditto	5	17	6	,,	
152	Ditto	Ditto	5	5	0	,,	
D862	Rails, steel	Flat-footed, 41¼ lbs. per yard, 24 feet long	4	4	9	Ton.	For cost of colliery rails, see page 9.
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D872	Ditto	Ditto	4	6	6	,,	
282	Ditto	Ditto	4	12	6	,,	

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324	Rails, steel, concluded ...	Flat-footed, 41¼ lbs. per yard	4	12	6	Ton.	
470	Ditto „ ...	Ditto	4	0	0	„	
471	Ditto „ ...	Ditto	4	0	0	„	
14	Ditto „ ...	Flat-footed, 50 lbs. per yard	4	1	6	„	
139	Ditto „ ...	Ditto	4	2	6	„	
D868	Spikes, dog	For rails, steel, flat-footed, 41¼ lbs. per yard	10	10	0	Ton.	
D874	Ditto	Ditto „	10	12	6	„	
32	Ditto	Ditto „ 41¼ and 50 lbs. rails	10	5	0	„	
127	Ditto	For rails, steel, flat-footed, 41¼ lbs. per yard	10	10	0	„	
286	Ditto	Ditto	10	7	6	„	
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D857	Switches (or points), complete.	For 41¼ lb. steel rails, with 12 ft. tongues	5	15	0	Set.	
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D866		Ditto ditto	5	17	0	„	
458		Ditto ditto	6	10	0	„	
74		Single throw, for 50 lb. rails (to suit crossings, angles 5° 30′ and 7° 45′) with 12 ft. tongues.	6	8	0	„	
158		For 41¼ lb. steel rails, with 9 ft. tongues	6	0	0	„	
465	Switches; Spare parts of— ...	Switch boxes with Dea's and Rapiers' patent indicators and lamp, complete.	8	10	0	Each.	
D855	Rails, steel	20 lbs. per yard, in 18 ft. lengths	4	12	6	Ton.	For colliery underground tramway.
59	Ditto	Ditto ditto	5	4	0	„	„

M. C. BRACKENBURY, Major, R.E.,

Deputy Director General of Railways.

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.
The Secretaries to the Chief Commissioners of the Central Provinces, Burma, Assam, and Coorg, Public Works Department.
The Secretaries to the Residents, Hyderabad and Mysore, Public Works Department.
The Secretaries to the Agents to the Governor General, Rajputana and Central India, and Baluchistan, Public Works Department.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Inspector General of Military Works.
The Accountant General, Public Works Department.
The Comptroller General.
The Accountant General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow and Central Division.
The Agent and General Manager, Assam Railways and Trading Company, Limited.

Copy forwarded to the Local Governments, Administrations and Officers marginally noted for information.

M. C. BRACKENBURY, Major, R.E.,
Deputy Director General.

FROM

THE DIRECTOR GENERAL
OF RAILWAYS,

To

THE

1379 W S 22-5-89

Circular No. 5.

Dated Simla, the 9th April 1889.

Received

14 Copies for Collection 21-5-89

INDIAN STATE RAILWAYS.

Rate List, Class D—Permanent-way materials —for 1887.

G. C. Press, Simla.—No. 1520 P. W. D.—16-4-89.—1,100.

[*General Distribution.*]

Circular No. 5.

FROM

THE DIRECTOR GENERAL OF RAILWAYS,

TO

THE DIRECTOR, NORTH-WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND STATE RAILWAY.
THE ENGINEER-IN-CHIEF, SIND-PISHIN STATE RAILWAY.
THE AGENT AND CHIEF ENGINEER, DELHI-KALKA RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Simla, the 9th April 1889.

SIR,

I have the honour to forward herewith, for information and guidance, a printed statement showing the actual English rates for D Class Stores "Permanent-way materials" contracted for by the India Office from January to December 1887.

I have the honour to be,

SIR,

Your most obedient Servant,

M. C. BRACKENBURY, Major, R.E.,
Deputy Director General.

Document Accompanying.
Rate List, Class D—Permanent-way materials—for 1887.