

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 672. Ry.

DATED 16th June 1899

[Despatch Abstract.]

Review on the Stores Transactions,
S. L. Railway.

Forwarding to the Govt. of India 3 copies
of the — for the year ended the 31st Dec
1898.

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SOUTH INDIAN RAILWAY CO., LD.

Note on the statement of Stores transactions for the year ending 31st December 1898.

The amount at debit of the Capital Suspense head "Stores" at the end of 1898 was Rs. 23,28,955 as against Rs. 23,90,982 at the end of the previous year, the difference being a decrease of Rs. 62,027 during the year under review-*vide* Appendix A. hereof. It may also be mentioned that stores at depôts have been reduced to the extent of Rs. 2,03,684. Measures are continued to be taken to reduce stores balances,

- (a) by limiting Indents as far as possible to actual requirements,
- (b) by writing off the values of useless and obsolete stores and sale of surplus stock,
- (c) by utilizing articles in stock whenever possible in preference to purchasing others of a newer and perhaps more suitable description.

Appendix A. shows important reductions in the value of most of the classes into which the stores are divided, and increases under a few others, all of which will be specifically referred to herein.

The following statement shows the distribution of stores at the end of years 1897 and 1898.

	1897.	1898.
General Stores	14,32,833	13,73,162
Depôt " }		
Locomotive " }		
Engineering " }		
In charge of the General Storekeeper		
	6,22,751	5,12,766
	2,49,512	2,19,307
	1,41,889	1,38,066
	Loco. Superintendent	
	Chief Engineer	
Total Rs....	24,46,985	22,43,301

The balance at debit of "Stores" in the General Books is proved half yearly and reported to Government. A system of continuous stock-taking is maintained, and differences are adjusted by debit or credit to the sub-head "Stock adjustment account" pending final adjustment.

The following is a review of the stock by classes:—

Class A. Bridgework. Rs. 31,846.

The stock under this head shows a decrease of Rs. 3,265. ✓

The principal items comprised in this class are the following:—

Girders 120 ft. span complete 1st class	Set 1	Rs. 8,994
" 100 " "	" 1 "	6,187
" 60 " "	" 1 "	1,790
" 150 " "	" 1 "	7,146
" 60 " without footway	" 1 "	1,816

The above which have been in the Engineering Stores for years are now offered for sale—a small portion has been sold during the year 1899.

Other minor items of which there have been no issues for a long time are :—

30 Plates Junction for Large Bridges	Rs. 32.
32 Washers for Bridges	" 38.

Class B. Engineers' Plant.

Rs. 44,102.

The net result of the year's transactions in stores of this class was a decrease of Rs. 10,902 chiefly due to transfer to the head "Plant" of items referred to in the note on "Stores" of the previous year.

The principal items in this class are the following :—

Articles.	Balance at end of 1898.	Remarks.
	Rs.	
13 Apparatus communicating...	453	In stock for a long time.
2 Cranes wharf 5 tons	7,023	Do.
1 Do. do. 10 tons	3,439	Do.
Duplicate parts of Portable Engine	2,815	
1 Engine, portable	2,143	
69 Forges, portable	7,027	
17 Hose pipe for diving gear	944	No issues for years.
1b. 441 Ironwork for Engineers' trollies	205	Do.
Set. 49 Do. complete for Platelayers' trollies	4,928	
1 Lift Engine	4,483	Received in 1896.
Sets. 2 Pump Gwynne's 6 inches	726	
10 Press Rail N. G.	835	In stock for a long time.
123 Springs for trollies.	523	
19 Screw Jacks with bar and handle	248	No issue during 1898.
7 Winches crab single power	408	Do.

Most of the above have been offered for sale, but such of them as may be required for the extensions to Pamban and Quilon should be retained.

Class C.

Workshop Machinery.

Rs. 6,764.

There was a decrease of Rs. 1,678 during the year. The principal items in this class are :—

24 Blocks C. I. swage good	Rs. 1,003	No issues since Novr. 1896.
60 Discs, emery under 3' diameter	" 840	Offered for sale.
1 Engine, fire, hand	" 1,497	
33 Troughs for grinding stones	" 829	Offered for sale.

All the above items are in excess of requirements. Steps are being taken to dispose of surplus quantities.

Class D.

Permanent Way Materials.

Rs. 5,34,151.

There was a decrease of Rs. 1,09,338 during the year. The balance may be divided as under :—

(a) *First class materials.*

Rs. 2,73,507.

35 lb.	...	...	Rs. 2,894
40 "	...	...	" 45,884
41½ "	...	...	" 39,000
50 "	...	...	" 1,74,097
56 "	...	...	" 1,109
68 "	...	...	" 10,523

(b) *Second class materials.*

Rs. 2,03,314.

40 lb.	...	...	Rs. 1,24,726
41½ "	...	...	" 30,318
50 "	...	...	" 13,175
56 "	...	...	" 72
68 "	...	...	" 35,023

(c) *Third class materials.*

Rs. 57,330.

40 lb.	...	...	Rs. 19,991
41½ "	...	...	" 3,185
50 "	...	...	" 2,445
68 "	...	...	" 31,709

Item—(a).

There was a decrease of Rs. 75,230 in this class, chiefly due to renewing with cast iron cushions the present wooden cushions laid in the 50 lb. rail pot-sleepers and adding tie bars to each of the 50 lb. rail pot sleepers as were unconnected. The increase in the 40 lb. materials as compared with the previous year is due to purchases during the year of Sal and Jarrah wood sleepers.

Item—(b).

There was a net decrease of Rs. 28,411 in 40 lb. materials chiefly due to issues for the re-arrangement of Gudur station.

Item—(c).

There was a decrease of Rs. 5,697 in these materials, the whole of which stand on the books at the scrap rate (Rs. 20 per ton). Large quantities of 40 lb. materials were sold to the Government Telegraph Department and the public during the year. The sales were effected at rates considerably higher than the book rates abovementioned.

The following items are in excess of immediate requirements and require looking into :—

6,311 Chairs C. I. for 50 lb.	Rs. 5,431	Issues during the year—Nil.
7 Crossings for 40 lb. diamond	" 543	" "
15,020 Plates fish for 35 lb.	" 2,894	" "
40 Rails, check, for 68 lb. Points and Crossings	" 637	" "

The General Storekeeper with the Resident Engineers inspected the 3rd class stock of Permanent Way Materials in all depots. The transfer to "scrap" of all unserviceable materials and sale in some instances were effected during the year.

Class E.

Rolling Stock.

Rs. 4,11,551.

The year's transactions in stores of this class resulted in a decrease of Rs. 76,487 as under:—

(a) Locomotives	...	...	Rs. 34,439 ✓
(b) Carriage and wagon Stock	...	...	" 42,048 ✓

The balance consists of Spare Parts of Locomotives and Coaching and Goods Stock materials as under:—

(a) Locomotives	Rs. 2,25,407 ✓
(1) Engine and Spare parts	Rs. 2,25,163
(2) Vacuum Automatic Brake Gear and Rigging	244
(b) Coaching and Goods Stock	Rs. 1,86,144 ✓
(2) Iron-work	Rs. 1,40,698
(3) Vacuum Automatic Brake Gear and Rigging	5,691
(4) Metallic and other Fittings	32,837
(5) India-rubber Fittings	2,872
(6) Trimmings	4,046

(a) Locomotives.

1. Engine and Spare Parts

Decrease

Rs. 34,342.

The following are the principal items in this class which require looking into:—

Articles.	Balance at end of 1898.	Issues during 1898.	Remarks.
Rs.	Rs.		
86 Axles, steel for Engine "F" class	3,295	230	
1 Axle box with brass "F" class engine...	570	...	No issues since 1896.
32 Axle boxes, gun metal	3,330	...	" 1895.
24 do. C. I. with brass bearing	1,141	...	" 1895.
20 Sets. Buffers Jones "F" class engine and Tender	3,700	...	" 1894.
8 Brass T pipe "F" class engine	140	...	" 1896.
39 Brass valve regulators to coupled engine	117	...	" 1893.
10 Brass, cross, ball, small	250	...	" 1895.
1 Brass, cross, stand	167	...	" 1895.
22 Covers, steel, chest C. I.	1,237	...	" 1893.
6 Cross head and block	100	...	Received in March 1895. No issues.
Duplicate engine work	28,659	3,887	
24 Ends, eccentric rod	202	...	No issues since March 1895.
12 Ends, leading and trailing	128	...	No issues since 1895.
975 Fire bars	850	...	" 1894.
22 Injectors right and left hand Gresham's automatic	2,134	302	
5 Injectors, holders and brooks	1,014	...	No issues since 1895.
78 Joint washout brass	111	...	" 1894.
72 Lubricators Roscos Patent	823	...	" 1894.
8 Rods piston duplicate engine...	733	...	" March 1895.
8 Rods, eccentric, duplicate N. G.	476	...	
Spare parts of Tank engine	932	73	
252 Springs volute	1,046	42	
10 Sheaves, eccentric, duplicate, engine	595	...	

Items per above not issued from 1893 or 1894 should be carefully kept in view and such of them as are of old pattern should be scrapped.

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(b) Coaching and Goods Stock.

(2) Iron work.

Decrease

Rs. 31,956.

Materials obtained for the construction of 8 postal vans and composite carriages were issued during the year.

The principal items of this class still on hand are the following:—

200 Axles steel for carriage and wagon	Rs. 6,537
401 Sets Buffer Jones Patent flexible	" 47,084
8 Sets Bogie fittings	" 9,926
32 Pairs Wheels and axles for Bogie fittings	" 4,729

(4) Metallic and other Fittings. Decrease. **Rs. 7,519.** ✓

The following items are noticed:—

Articles.	Balance at end of 1898.	Issues during 1898.	Remarks.
Rs.	Rs.		
3,364 lb. Gauze, blind and wire copper	2,323	1,547	
3,047 Glass, carriage, window	6,952	1,511	A further supply valued at Rs. 837 was received during the year.
636 Glass, ground	1,448	32	" Rs. 26 "
279 Glass, white, rough, blind	780	...	No issues since November 1896.
1,246 Hinges door brass L & S	6,383	...	No issues since 1896.
Royal fittings	1,136	81	Offered for sale.

(5) India-Rubber fittings.

(6) Trimmings.

The balances under these heads are very small. The only item which requires looking into is the following:—

Article.	Balance at end of 1898.	Issues during 1898.	Remarks.
Rs.	Rs.		
E. b. (6) 1,431 Spiral Springs for safety chain	1,288	Nil.	A further supply valued at Rs. 438 was received in June 1898.

Class F.

Station Materials and Fencing.

Rs. 1,08,931.

There was a decrease of Rs. 15,863, during the year, in the balance of stores in this class, and a further reduction appears possible. This should be kept in view.

The following items appear to be in excess of immediate requirements:—

Articles.	Balance at end of 1898.		Issues during 1898.	Remarks.
	Rs.	Rs.		
13,450 Bases Bell for fencing ...	24,493	6,615	Offered for sale.	
669 Brackets C. I. running Semaphore wire ...	108	...	No issues since November 1893.	
19 Cast Iron rain water down pipes ...	60	...	No issues since February 1895.	
4,370 Clip bolts galvanized ...	158	...	Do. March 1896.	
27 Columns C. I. roofing ...	1,150	...	In stock for many years.	
6 Cocks for water tanks ...	95	...	No issues since November 1893.	
4 Gates wooden 26 ft. I Class ...	439	...	Do. do.	
lb. 2,926 Ironwork for curved roof ...	321	...	No issues since 1896.	
lb. 215,012 Iron sheet corrugated galvanized for shed.	18,967	4,851		
26,033 Pales steel 4½ ft. ...	3,980	455		
lb. 164,960 Pipes C. I. flanged ...	7,501	1,390	Receipts during the year Rs. 2,018.	
2,297 Runners C. I. 4 inch with bracket for semaphore	1,269	5		
lb. 1,269 Rivets for steel pales ...	212	83		
lb. 10,002 Steel plate ...	1,111	469		
7 Turn tables N. G. ...	13,442	...		
4 Weigh bridges ...	6,254	...	One was once issued to Gudur during the year and returned to stores in December 1898.	

Class G. (a)

Tools.

Rs. 88,017.

The year's transaction in stores of this class resulted in a net decrease of Rs. 8,103.

As previously reported much of the heavy balance under this head was caused by the addition of the stock of the Villupuram-Dharmavaram Railway Stores Depots in 1891, when that line became a part of the South Indian Railway Undertaking.

Nearly half the above balance consists of the following five items, as mentioned in my last year's note. Arrangements are being made to dispose of the surplus stock, but it is inadvisable to force sales now that the extensions of the line are sanctioned.

Articles.	Balance at end of 1898.		Issues during 1898.	Remarks.
	Rs.	Rs.		
5,338 Bars, Crow ...	13,020	1,489	Offered for sale.	
770 Crucibles plumbago ...	7,667	...	Do.	
3,619 Hammers, sledge ...	9,672	290	Do.	
4,479 Jumpers, steel ...	17,237	507	Do. Receipts Rs. 37.	
1,450 Hammers, quarrying ...	3,291	...	No issues for years.	

No issues have been made in the following items:—

342 Divers screw ...	Rs. 113	
196 Flatteners steel of sizes... ..	172	
558 Prickers, copper ...	2,056	No issues for years.
161 Picks stone ...	113	Do.
1,426 Sash holders ...	1,978	Do.
124 Swage top and bottom ...	98	
386 Spoons, blasting copper ...	1,197	
67 Tools scribing ...	129	No issues for years.
6 Taps and dies for cutting bolts and tapping nuts box ...	175	Do.
3 Taps steel with stock and dies for screws ...	191	Do.
Sets 2 Tools for cutting screws ...	1,266	Do.

The following items which appear to be in excess of requirements require looking into:—

Articles.	Balance at end of 1898.		Issues during 1898.	Remarks.
	Rs.	Rs.		
1,752 Augurs, screw ...	1,275	395	Receipts during the year Rs. 160.	
190 Sets Braces ratchet with bits ...	2,110	665	Do. do. „ 110.	
138 Do. without bit ...	1,073	307	Do. do. „ 34.	
593 Chisels mortice ...	331	3		
311 Hammers rivetting ...	157	6		
596 Do. Claw with handles ...	310	5		
121 Planes smoothing of sizes ...	103	2		

Class G. b. (1)

Hardware &c.

Rs. 29,864.

There was a decrease of Rs. 8,368 during the year.

The stock consists of the following large items which have been a long time in stock and which, being surplus, are offered for sale:—

lb. 26,477 Chains Iron ...	Rs. 3,604
3,040 Hinges, butt, brass ...	929
5,255 „ stop, brass ...	1,325
137 Locks rim iron ...	605
120 „ mortice ...	638
lb. 11,441 Nails iron assorted ...	1,683
Doz. 56,511 Screws iron of sorts ...	2,738
11 Scales beam ...	1,384

How far these could be utilized on the sanctioned extensions of the line should be kept in view.

Other items which had no issues are the following :—

Articles.	Balance at end of Decr. 1898. Rs.	Remarks.
7 Chains Iron double hooked ...	22	No issues since 1891.
3 Drums Iron without screws ...	32	Do. do.
57 Bolt tower iron of sizes ...	95	Do. 1896.
35 Bolts barrel iron 4 ft. long with 5 eyes ...	63	
636 Nuts iron of sorts ...	27	No issues since July 1896.
111 Screws connecting brass ...	39	No issues since 1891.
6,771 Screws coach for carriage brass head ...	536	

Class G. b. (2)

Lamps and Lamp-fittings.

Rs. 9,402.

The balance has been increased by Rs. 1,188 during the year, chiefly due to the net receipt of Rs. 850 under the item "Side Lamps". The stock is reasonable.

The following items are noticed :—

56 Discs hand signal ...	Rs. 128	No issues since 1892.
72 Glass majolic hanging lamp ...	" 78	" 1891.
22 Lamps Engine head ...	" 801	" since July 1895.

Class G. b. (3)

Leather and India-Rubber Goods.

Rs. 9,933.

There was a decrease of Rs. 6,024 during the year in the balance under this class of stores. The stock on hand is reasonable.

The only item which calls for notice is 24 Pipes Hose Sphincter grip armoured feed India rubber vulcanized 10 feet long 3 inches diameter valued at Rs. 426, of which there have been no issues since July 1895.

Class G. b. (4)

Metals.

Rs. 1,69,101.

The year's transactions in stores of this class resulted in a decrease of Rs. 48,910.

More than half the balance of this class of stores is made up of the following four large items referred to also in my last year's note :—

Articles.	Balance at end of December 1898. Rs.	Issues during 1898. Rs.	Receipts during 1898. Rs.	Remarks.
Copper, ingots ...	12,595	16,563	18	
Iron, common ...	23,869	11,103	4,347	
" Lowmoor ...	18,990	12,660	4,255	
Steel of sorts ...	22,410	5,508	2,062	

Other items, the balances of which seem to be in excess of immediate requirements, are the following :—

Articles.	Balance at end of 1898. Rs.	Issues during 1898. Rs.	Remarks.
Brass sheet ...	3,801	623	Receipts during the year Rs. 151
" rod ...	2,347	789	" " 145
Bronzed stones patent ...	9,058	1,655	" " 8,898
Copper sheets ...	2,524	1,282	" " 93
Lead pig ...	926	367	
Metal, common ...	681	...	
Pipes, copper ...	4,532	888	Receipts during the year Rs. 87
Wire brass ...	2,515	280	" " 26
Wire steel ...	2,962	88	" " 24
Zinc sheet ...	5,946	2,627	" " 4,352

Rs. 31,236.

Class G. b. (5)

Painters' Stores.

The transactions of the year resulted in a net decrease of Rs. 17,297.

The following three large items chiefly comprise the stock under this head of stores :—

Particulars.	Balance. Rs.
Oil linseed ...	8,472
Paint, whitelead ...	3,748
Varnish, body ...	9,826

Rs. 1,54,017.

Class G. b. (6)

Timber.

The balance has been increased during the year by Rs. 15,195.

The stock was distributed as under :—

In Chief Engineer's charge ...	Rs. 38,643
" Loco. Superintendent's " ...	" 1,15,374

The quantities are not in excess of requirements and the rates are reasonable.

The increase during the year is due to the receipt of 7543 C. ft. of teak logs for the Loco. Department valued at Rs. 18,019 supplied by Messrs. King and Co. in December 1898 on sanctioned contracts.

The only item which calls for remark is satin wood (Rs. 2,375) in the Loco. Superintendent's charge, the consumption of which amounted to only Rs. 385 during the year.

Class G. b. (7)

Fuel.

Rs. 3,84,542.

The transactions of the year resulted in a net increase of Rs. 99,306 chiefly under Coal, due partly to reduced consumption consequent upon the discontinuance of certain passenger trains owing to Plague restrictions. Nearly 90 per cent of the contract for the supply of coal for the year 1898—99 was delivered before 31st December 1898.

The balance is made up as under and calls for no special remark.

Coal	...	Rs.	3,50,404
Coke	...	"	23,673
Firewood	...	"	10,115
Old Sleepers treated as firewood	...	"	350
Total Rs...			3,84,542

Class G. b. (8)

Furniture for stations.

Rs. 4,077.

Class G. b. (9)

Cloth, Clothing &c.

Rs. 3,127.

There was a decrease of Rs. 2,498 in the former and Rs. 1,694 in the latter during the year.

The balances of above classes of stores are reasonable and call for no special remark.

Class G. b. (10)

Miscellaneous.

Rs. 1,23,075.

The year's transaction resulted in a net increase of Rs. 1,519.

The balance includes the following large items:—

Bricks fire	...	Rs.	5,583
Glass smoke tinted	...	"	4,477
Oil castor	...	"	4,974
Oil cocoa	...	"	6,341
Packings Loco.	...	"	4,370
Porous cells Leclanché	...	"	4,814
Returned stores	...	"	25,237
Tickets	...	"	28,975

The following items appear to have been identified for in excess of requirements:—

Articles.	Balance at end of 1898	Issues during 1898	Receipts during 1898.	Remarks by the Departmental Officers.
	Rs.	Rs.	Rs.	
41,011 Bricks fire	5,583	429	1,168	
lb. 2,284 Felt woolen for lubricators...	1,565	56	...	
395 Glass smoke tinted	4,477	354	146	
30 Torches Kerosine oil	146	15	...	
lb. 972 Worsted	1,393	409	311	
1,918 wedges steel	852	19	...	

No issues have been made of the following items for years:—

Particulars.	Balance Rs.	Remarks.
351 Cells porcelain	518	No issues since 1894.
4 Coils resistance Telegraph	1,042	1891. Offered for sale.
63 Coils spare for needle instrument	109	1894
4 Pulleys iron spring	1,307	1896
lbs. 100 Powder litharge	56	1896
424 Rods tamping iron	1,954	1894
72 Rods tamping copper tipped	166	November 1894.
18 Relays polarized	1,004	Offered for sale.
1,525 Wedges quarrying steel	1,299	No issues since 1893.

Rs. 96,651.

Stationery.

Class G. b. (11)

There was a decrease of Rs. 8,508 under this head during the year. The revision of forms has not yet been completed. Revised forms have been introduced in many cases.

Class G. b. (12) Drawing and Mathematical Instruments. Rs. 2,914.

There was a decrease of Rs. 1,957 during the year.

The balance is small and arrangements are being made to dispose of the surplus stock.

Trichinopoly, }
26th May 1899.

E. E. B. BAILEY,

Offg. Chief Auditor,
South Indian Railway.

SOUTH INDIAN RAILWAY CO., LD.

Review of Stores transactions for the year
ending 31st December 1898.

APPENDIX A.

Summary of Stores transactions for the year ended 31st December 1898, and
reconciliation between the General Books of the Railway and the
priced detailed Stores Ledgers.

Class.	Particulars.	Opening balance this year.	Receipts during the year.	Total.	Issues during the year.	Balance in hand at close of the year.	Increase or decrease in stock during the year.		Remarks.
							Increase.	Decrease	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A.	Bridgework	...	35,111	878	35,989	4,143	31,846	...	3,265
B.	Engineers' Plant	...	55,004	8,224	63,228	19,826	44,102	...	10,902
C.	Workshop Machinery	...	8,442	10,049	18,491	11,727	6,764	...	1,678
D.	Permanent Way	...	6,43,489	3,14,316	9,57,805	4,23,654	5,34,151	...	1,09,338
E.	Rolling Stock	...	4,88,038	2,43,066	7,31,104	3,19,553	4,11,551	...	76,487
F.	Station Materials	...	1,24,794	15,315	1,40,109	31,178	1,08,931	...	15,863
G.	Tools and Stores	...	96,120	26,236	1,22,356	34,339	88,017	...	8,103
(a)	Tools	...	...	...	...	...	...	...	...
(b)	Stores	...	...	...	...	...	...	...	...
	1. Hardware &c.	...	38,232	12,831	51,063	21,199	29,864	...	8,368
	2. Lamps &c.	...	8,214	10,158	18,372	8,970	9,402	1,188	...
	3. Leather & India-rubber goods	...	15,957	9,904	25,861	15,923	9,933	...	6,024
	4. Metals	...	2,18,011	53,152	2,71,163	1,02,062	1,69,101	...	48,910
	5. Painters' Stores	...	48,533	27,006	75,539	44,303	31,236	...	17,297
	6. Timber	...	1,38,822	1,09,999	2,48,821	94,804	1,54,017	15,195	...
	7. Fuel	...	2,85,236	9,00,411	11,85,647	8,01,105	3,84,542	99,306	...
	8. Furniture for Stations &c.	...	6,575	3,449	10,024	5,947	4,077	...	2,498
	9. Cloth, Clothing &c.	...	4,821	5,548	10,369	7,242	3,127	...	1,694
	10. Miscellaneous	...	1,21,556	2,94,614	4,16,170	2,93,095	1,23,075	1,519	...
	11. Stationery	...	1,05,159	1,30,980	2,36,139	1,39,488	96,651	...	8,508
	12. Drawing & Mathl. Instruments	...	4,871	1,276	6,147	3,233	2,914	...	1,957
	13. Printing Press and Materials	...	...	...	...	...	...	...	...
	Amount held in the "Stock Adjustment account," being result of Verification	...	24,46,985	21,78,112	46,25,097	23,81,796	22,43,301	...	2,03,684
	Amount held under "Stores in Transit"	...	74,518	68,777	5,741	...	5,741	68,777	...
	" " in all other suspense heads than "Stores"	...	5,998	19,931	25,929	...	25,929	19,931	...
	Balance as per General Books	...	12,517	52,949	65,466	...	65,466	52,949	...
		...	23,90,982	23,19,769	47,10,751	23,81,796	23,28,955	...	62,027

The above statement discloses the following important results:—

- (a) The Stores ledgers showed the decrease in stock to be Rs. 2,03,684.
- (b) The increase under "Fuel" which includes an excess of Rs. 1,39,843 under coal, if eliminated for purposes of comparison of the state of stock at the end of the years dealt with, will show by how much more than Rs. 2,03,684, we have been able to reduce the stock; coal, being an item of daily consumption, will never become obsolete or unserviceable.
- (c) The increase under "Stores in Transit" has since been adjusted.
- (d) The increase under "Stock Adjustment" has been credited to earnings during the year 1898.
- (e) The increase under other suspense heads is in "London Stores" chiefly due to Rs. 70,000, cost of 3 "F" class engines paid for in November and December 1898 which did not arrive in time to be transferred to "Stores" and debited to Revenue in re-placement of condemned engines.

Trichinopoly,

26th May 1899.

E. E. B. BAILEY,

Offg. Chief Auditor,

SOUTH INDIAN RAILWAY

SOUTH INDIAN RAILWAY CO., LD.

Review of Stores transactions for the year ended 31st December 1898.

APPENDIX B.

*Statement of principal increases and decreases in stock during the year
ended 31st December 1898.*

Class.	Description.	Increase. Rs.	Decrease. Rs.
A.	Girder 25 feet span bridge with cross girders complete	...	1,926
B.	Engine portable	...	4,287
	Forges portable	...	4,884
	Jack Screw	...	597
	Portable Engine duplicate, parts	1,052	...
	Pump centrifugal Gwynnes 8 inches	601	...
C.	Grinding stone New castle	...	925
D.	Bolts fish and nuts for 40 lbs. 2nd class	...	832
	do. for 68 lbs. fish plate 2nd class	674	...
	Chairs cast iron 3 holed for 50 lbs. for bridges of sorts	1,400	...
	Cushions C. I. for 50 lbs.	...	45,124
	Crossings for 50 lbs. of sizes 1st class	...	1,600
	Chairs cast iron for 40 lbs. level crossing 1st class	582	...
	Chairs cast iron for 50 lbs. of sorts I class	1,036	...
	Cushions wooden for 1st class	813	...
	Gibs and cotters 50 lbs.	...	13,409
	Iron scrap cast	3,431	...
	Iron scrap wrought	1,197	...
	Jaws. C. I. malleable for Denham Olphert's sleepers	...	1,016
	Keys wooden for 50 lbs. 1st class	7,075	...
	Plates bearing steel for 56 lbs. rails	...	1,488
	Plates fish for 40 lbs. of sizes	...	983
	Points 40 lbs. fitted up complete	564	...
	Rails steel for 50 lbs.	...	7,007
	Rails steel 56 lbs. 24 feet 1st class	...	1,421
	Rails steel 50 lbs. 27 feet	...	2,644
	" " 50 lbs. 24 feet	...	536
	Rails iron for 40 lbs. 21 feet	...	4,945
	Do. steel for do.	...	5,314
	Do. do. for 40 lbs. 24 feet	...	715
	Rails iron for 40 lbs. 24 feet	...	11,031
	Rails iron for 40 lbs. cut pieces 3rd class	...	755
	" 40 lbs. 21 feet 3rd class	...	552
	" 40 lbs. 24 feet do.	...	4,339
	" 68 lbs. 21 feet do.	1,527	...
	Spikes dog for 40 lbs.	...	1,677

Class.	Description.	Increase. Rs.	Decrease. Rs.
	Steel holding down bolts and nuts for cross sleepers	...	...
	Sleepers Pyngadu 1st class	1,039	...
	Sleepers steel transverse	7,103	...
	Sleepers teak of sizes	...	3,189
	Sleepers pot iron for 50 lbs.	...	2,892
	Sleepers Plate cast iron for D and O sleepers 1st class	19,616	...
	Sleepers Salwood	...	812
	Sleepers Jarrahwood	...	...
	Sleepers Teak both ends hooped for bridges	1,486	...
	Sleepers pyngadu 2nd class	14,128	...
	Sleepers pot iron for 68 lbs. 2nd and 3rd class	...	1,025
	Tie bars for 50 lbs.	1,415	...
		2,494	...
E. a.	Axle steel for "O" class engine	...	58,611
	"F"	...	...
	Buffer Jones complete for "F" class engine and tender	1,869	...
	Brake blocks C. I. assorted for engine	2,254	...
	Duplicate engine work	616	...
	Flexible fire box stays bronze	562	...
	Injector, brass, Gresham patent left and right hand	...	3,887
	Plate back tube copper for engine	...	761
	Plates steel tube for smoke box of "F" class engine	...	744
	" steel casing for fire box engine	...	2,286
	" tube iron for smoke box and engine	1,375	...
	" steel barrel for "F" class engine	652	...
	Rods, coupling with brass	...	1,656
	Steel Eccentrics complete for "O" class engine	857	...
	Springs laminated bearing for "O" class engine bogie axles.	3,792	...
	Steel crank for "O" class engine	3,126	...
	" " "F"	...	1,545
	" " "F"	3,386	...
	Spring steel bearing with buckles for Bogie engines	4,538	...
	Tubes brass N. G.	...	...
	Tyres steel for engine	...	1,011
	Wheels and axles for 4 W. C. engine	...	23,956
	Wheels and axles Bogie complete	...	6,205
		...	8,560
		...	2,289
E. b. 2.	Axle boxes without brass	...	...
	Axle steel for carriage and wagon	...	...
	Bogie fittings	6,537	2,548
	Buffer guides	...	...
	Buffer Jones' patent flexible	4,272	31,296
	Finger lifts	47,084	...
	Spring steel Jimmies for C. G. Ballast wagon draw bar	2,490	...
	Springs Laminated carriage Bogie	...	930
	Tyres steel for carriage	...	5,466
	Underframe fittings	...	830
	Valves Guard van	...	2,777
	Wheels and axles for 40 sets of Bogie fittings	...	901
		...	15,958
E. b. 3.	Duplicate parts of Vacuum brake	...	708
E. b. 4.	Brass lock carriage door with plate	2,711	...
	Gauze blind and wire copper	...	1,547
	Glass carriage window	...	674
	Horse hair worsted for lubricating materials for axle boxes.	...	7,449
	Locks rim iron self closing for carriage door	...	504
E. b. 5.	Pads I. R. for carriage and wagon	...	649
F.	Bases bell	...	...
	Bars fencing 1st class	...	6,615
	Bases fencing 2nd class	...	2,693
		...	839

Class.	Description.	Increase. Rs.	Decrease. Rs.
	Iron work for roofing of Engine shed Peralam	3,818	...
	Pipes cast iron flanged	628	...
	Press ticket dating with type box complete	735	...
	Runners C. I. of sizes of semaphore wire	502	...
	Steel Iron corrugated galvanized for shed	...	4,840
	Wire iron galvanized for fencing	...	3,244
G. a.	Braces ratchet with bits complete	...	555
	Bars flooring	578	...
	Crucible plumbago 200 lbs.	...	2,381
	Crowbars	...	1,489
	Shovels	504	...
	Taps steel stays	...	637
G. b. 1.	Chain Iron	...	1,042
	Locks pad iron galvanized	...	695
	Rivets copper	...	1,403
	Screws iron of sorts	...	1,371
G. b. 2.	Lamps, side	849	...
G. b. 3.	Belting leather	...	1,655
	Hides, Buffalo, green	...	3,175
	Laces, leather	...	719
G. b. 4.	Copper Rod	...	3,862
	" Sheet	...	877
	" Ingots	...	16,545
	Iron, common	...	6,756
	" Lowmora	...	8,406
	" sheet common	...	6,088
	" " Lowmora	...	3,194
	Iron, scrap wrought 1st sort	...	1,820
	Metal patent	...	566
	Pig iron	...	2,288
	Pipes copper	...	801
	Rod, brass	...	643
	Steel of sorts	...	3,446
	Stones, Bronze, patent	7,243	...
	Tin block	...	1,766
	Zinc sheet	1,724	...
G. b. 5.	Oil, linseed	2,388	...
	Paint whitelead	...	4,078
	" Blacklead	...	516
	Polish French	...	1,769
	Pumice stone	...	623
	Powder red oxide of iron	613	...
	Turpentine	...	1,282
	Varnish, body	...	8,026
	" pearline	...	1,161
G. b. 6.	Teak logs	18,019	...
	Timber	10,003	...
G. b. 7.	Coal	1,39,843	...
	Coke	...	41,574
	Firewood	1,103	...
G. b. 9.	Cloth blue woollen	...	742
G. b. 10.	Bricks fire	739	...

Class.	Description.	Increase.		Decrease.	
		Rs.		Rs.	
	Cloth, canvas English	...	...	1,007	
	Leclanché sealed porous cells fitted with carbon	...	...	1,500	
	Packings loco.	...	...	4,897	
	Oil, castor	...	...	2,044	
	„ Lubricating	...	...	2,380	
	Returned stores	...	17,263	...	
	Tickets plain	...	...	2,076	
	„ Printed	...	...	6,676	
	Waste	...	...	1,440	
	Wire, guttapercha	...	...	648	
G. b. 11.	Stationery	...	...	8,508	
G. b. 12.	Instrument, levelling in box with stand	...	...	993	

Trichinopoly, }
26th May 1899.

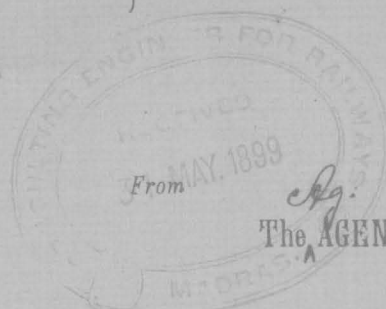
E. E. B. BAILEY,
Offg. Chief Auditor,
South Indian Railway.

No. 570

South Indian Railway Co., Ltd.,

AGENT'S OFFICE,

TRICHINOPOLY, 30th May 1899.



The AGENT,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

I have the honor to forward
herewith 6 printed Copies of the Review of
the Stores Transactions of this Railway for
the year 1898.

I have the honor to be,
Sir,

Your most Obedient Servant.

6 Enclosures by Rg parcel.

W. Spalding
Sg. Agent.

Msd

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 2nd June 1899.



No. 1729

OFFICE NOTE.

Letter from the Agent, South Indian Railway, No. 510,
dated 30th May 1899, forwarded to the Examiner of Railway
Accounts for perusal of remarks.

AB
2-6-99.

for E. R.

EXAMINER'S REPLY.

Checked as far as possible and return
Page 7 of note - "Drivers" on line 2 should be
"drivers" - "augurs" on line 18 should be
"augurs".

Page 9 "Brouse Stone patent" should be
"Brouse Stone's patent".

Page 10 of the note, among the items

Copy to A with reference detailed under G. L. (10) Miscellaneous
to his letter No. 510 of 30th May 1899 "Porous cells Leclanché" should be
with the request that the alterations made therein may be first line of the following paragraph
carried out in his office copy. "indented" should be "indented".

These corrections should be made
in the other copies and the note forwarded
to the Govt. of India.

AB
10-6-99.
for E. R.

AB
10-6-99.

From
The Agent,
South Indian Railway,
Trichinopoly.
To
The Consulting Engineer for
Railways,
Madras.
Dated
Received
No.
ENCLOSURE

No. 672. *Ly*

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECY. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

Copy, recd 16th June 1899.

SIR,

I am directed to
^{3 copies of}
forward herewith the review on the
stores transactions of the South Indian
Railway for the year ended the 31st
December 1898.

JH
SR
13.6.99

Despatched on *16/6/99*

Documents accomg:-
3 Copies of the review
on the stores transactions
referred to *W. 7/6/99*

2 drafts