

Six hundred and seventy-five locomotives passed through the workshops during the year, the details of work done being as follows :—

Particulars.	Number and Type.					Total.
	Four-cylinder Balanced-compound Tender Engines.	Tender Engines.	Tank Engines.	Fell Engines.	Single Fairies.	
Number passed through shops ..	75	229	349	6	16	675
Built new	..	7	10	..	..	17
Re-erected	..	2	11	..	..	13
Converted	..	1	..	..	..	1
Thoroughly overhauled ..	11	42	32	..	2	87
Heavy repairs	31	60	105	6	6	208
Light repairs	33	117	191	..	8	349
Painted	26	66	52	4	3	151
Paint touched up	19	93	58	1	4	175

Included in the above are two engines for private lines and five engines for the Public Works Department.

At the close of the year there were under construction in the railway workshops twenty engines, consisting of nine *Pacific type* simple superheated tender engines, Class Ab, one heavy suburban tank engine, 4-6-4 type, Class Ws, and ten heavy tank engines, 4-6-4 type, Class Ww. Under contract with Messrs. A. and G. Price (Limited), of Thames, there were seven 4-8-0 type simple superheated tender engines to complete. Thus at the end of the year there were altogether in hand twenty-seven locomotive-engines.

The new locomotives added, together with boiler renewals, increased the total tractive power by 479,301 lb., or equal to 5.70 per cent. The new engines being built and the boilers under construction will when completed still further materially increase the tractive power.

Boilers.—The work on new boilers, renewals, and repairs has been kept well up to date.

The following statement shows details of the boiler-work done :—

Description.	Number passed through Shops.	Built new.	Heavy Repairs.	Light Repairs.	New Tubes (Sets).	Tubes pieced and Second- hand (Sets).	New Smokebox Tube- plate.	New Firebox.	New Firebox Tube- plate.	Boilers patched
Boilers	375	18	143	214	64	49	3	16	9	114

Twenty new boilers were under construction at close of year, and comprised nine Class Ab, one Class Ws, and ten Class Ww.

Carriages.—The stock on the 1st April, 1916, was 1,452 cars, and on the 31st March, 1917, the number was 1,480. Two cars were sold and written off. Twenty-nine new bogie cars were built, and one rail motor-car was added to stock.

The following table shows details of car-work done during the year :—

Particulars.	Number and Type of Carriages.			Total.
	Bogie.	Six-wheel.	Four-wheel.	
Number passed through shops ..	1,941	87	23	2,051
Built new	29	..	..	29
Converted	3	..	..	3
Heavy repairs	1,198	8	2	1,208
Light repairs	711	79	21	811
Painted	534	9	2	545
Touched up	805	7	1	813

Forty-six cars were under construction in the railway workshops at close of the year.

Brake-vans.—The number of brake-vans on the line on the 1st April, 1916, was 440, and the number on the 31st March, 1917, was 440. Two new bogie vans were built to replace one old four-wheeled van sold and one old four-wheel van written off.