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STEEL INDUSTRY



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VOLUME I

**Report of the Indian Tariff Board
regarding the continuance of
Protection to the Steel Industry**



CALCUTTA: GOVERNMENT OF INDIA
CENTRAL PUBLICATION BRANCH

1927

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Appendix I.

Table A.—Steel Angles and Tees.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	IMPORTED FROM						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912 . . .	18,257	7,353	6,549	32,159*	* Includes Spring Steel.
1913 . . .	16,972	6,352	6,334	...	330	2	...	...	29,990*
1920 . . .	10,496	...	219	...	3,759	855	...	...	14,829
1921 . . .	21,267	475	2,418	14	3,273	100	...	...	27,546
1922 . . .	4,665	1,742	6,484	1,561	3,406	754	...	...	18,614
1923 . . .	8,787	1,860	9,842	619	134	564	...	...	21,806
1924 . . .	8,277	2,022	14,705	369	12	942	...	...	26,327
1925 . . .	7,925	2,033	23,509	1,919	...	2,091	28,177	9,300	37,477	
1926 . . .	10,439	2,253	20,361	7,561	...	1,702	42,316	86	42,402	

N.B.—This table does not take into account steel imported on behalf of Government.

Appendix I.

Table A.1.—Steel Angles and Tees

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1912	19,816	7,138	2,667	1,521	1,017	32,159*	* Includes Spring Steel.
1913	15,427	9,234	1,368	2,225	1,138	29,990*	
1920	8,115	4,790	462	422	1,040	14,829	
1921	15,593	7,574	2,593	1,092	694	27,546	
1922	6,530	8,757	1,946	718	663	18,614	
1923	10,133	5,915	3,030	1,595	1,158	21,806	
1924	11,653	8,990	3,232	1,869	1,183	26,927	
1925	19,144	8,580	5,442	2,206	2,105	37,477	
1926	20,688	10,517	5,619	3,181	2,397	42,402	

N.B.—This table does not take into account steel imported on behalf of Government.

Appendix I.
Table B.—Steel Bars (other than Cast Steel).
 Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	Imported from						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912	12,878	56,809	51,780	106	24	810	...	...	121,857*	* Includes Channels.
1913	19,515	39,840	58,603	...	889	739	...	...	119,586*	
1920	22,206	773	7,979	110	34,770	2,251	...	...	68,089	
1921	72,032	9,742	89,549	551	16,247	4,054	...	...	142,175	
1922	12,943	19,683	72,794	4,727	12,592	8,664	...	...	131,403	
1923	19,215	38,370	112,868	3,568	5,090	8,893	...	...	188,004	
1924	15,423	27,348	110,090	2,476	...	11,065	...	...	166,404	
1925	14,582	23,904	127,538	4,247	...	13,196	116,690	66,777	183,467	
1926	14,213	14,475	76,921	10,368	22	9,745	114,797	10,967	125,764	

N. B.—This table does not take into account steel imported on behalf of Government.

Appendix I.

Table B-1.—Steel Bars (other than Cast Steel).
Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.
Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1913	44,551	51,301	17,068	7,381	1,581	121,857*	*Includes Channels.
1913	52,351	43,370	15,592	6,053	2,620	119,986*	
1920	37,618	19,670	5,525	2,532	2,444	68,089	
1921	68,689	42,855	14,850	10,291	5,490	142,175	
1922	37,238	62,487	14,460	14,221	2,977	131,403	
1923	50,638	79,806	26,922	26,531	4,057	168,004	
1924	49,646	70,097	15,496	26,268	4,903	166,404	
1925	53,307	75,747	18,398	26,427	9,588	163,467	
1926	37,022	43,766	18,470	20,933	6,573	125,764	

N. B.—This table does not take into account steel imported on behalf of Government.

Appendix I.

Table C.—Steel Beams, Channels, Pillars, Girders and Bridge work.
Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	IMPORTED FROM						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912	43,510	12,898	4,803	2,182	422	30	63,825*	* Channels not included.
1913	24,713	16,686	10,768	1,949	817	100	...	...	54,553*
1920	20,435				2,205	28	...	...	22,668*
1921	63,696	210	7,846	5	6,471	132	...	...	78,360*
1922	21,720	1,975	29,050	1,408	2,357	1,527	...	...	58,037*
1923	30,686	3,287	30,488	982	306	594	...	...	66,233*
1924	38,764	1,527	38,850	1,209	441	690	...	...	81,481*
1925	32,591	1,586	38,543	6,185	199	1,775	55,664	25,215	80,879	
1926	33,915	5,072	41,617	16,132	288	1,056	2,218(a) 65,862(b)	...	98,080	(a) Protected fabricated. (b) Protected other.

N. B.—This table does not take into account steel imported on behalf of Government, but in 1925-26 it includes steel imported by the railways.

Appendix I.

Table C-1.—Steel Beams, Channels, Pillars, Girders and Bridge work.
Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.
Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1912	28,063	18,073	11,946	3,516	3,327	63,825	
1913	14,975	22,282	11,758	4,256	1,262	54,533	
1920	13,753	5,829	1,124	1,063	679	22,668	
1921	41,400	21,747	7,729	4,357	3,127	78,360	
1922	22,136	19,570	9,923	3,548	2,661	58,037	
1923	30,764	26,767	12,251	3,181	3,300	66,233	
1924	28,611	27,249	19,410	5,013	3,265	81,461	
1925	30,064	18,171	15,006	9,912	7,706	80,879	
1926	39,682	19,764	22,787	9,021	6,846	98,080	

N. B.—This table does not take into account steel imported on behalf of Government, but in 1925-26 it includes steel purchased by the railways.

Appendix I.

Table D.—Steel Hoops and Strips.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	IMPORTED FROM						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912 . . .	16,561	3,815	1,892	...	543	372	...	...	22,680	
1913 . . .	16,990	3,368	1,963	...	3,782	6	...	...	26,129	
1920 . . .	16,468	...	123	...	11,265	179	...	...	28,055	
1921 . . .	18,850	224	298	...	8,746	113	...	...	23,231	
1922 . . .	12,055	1,394	1,445	107	2,632	192	...	...	17,825	
1923 . . .	17,181	1,406	4,504	141	1,724	166	...	...	25,122	
1924 . . .	24,022	884	3,906	4	2,224	824	...	...	30,864	
1925 . . .	21,420	2,879	8,836	203	1,566	983	...	...	35,451	
1926 . . .	22,144	5,813	7,379	1,028	383	2,190	...	...	38,887	

N.B.—This table does not take into account steel imported on behalf of Government.

Appendix I.

Table D.-1.—Steel Hoops and Strips.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Bangoen.	Total.	REMARKS.
1912	7,182	10,859	1,497	2,297	845	22,680	
1913	8,422	11,923	2,049	2,894	841	26,129	
1920	12,715	11,822	1,442	1,498	578	28,055	
1921	6,923	12,490	1,243	1,754	821	23,231	
1922	3,928	11,157	1,838	871	531	17,825	
1923	5,180	13,749	3,254	2,084	855	25,122	
1924	8,838	16,855	2,827	1,680	664	30,864	
1925	10,797	17,248	3,836	2,810	758	35,451	
1926	11,189	19,763	5,003	2,292	640	38,887	

N.B.—This table does not take into account steel imported on behalf of Government.

Appendix I.

Table E.—Rails, Chairs and Fishplates.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	Imported from						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912 . . .	415,473	28,044	1,352	...	...	...	...	444,869	
1913 . . .	551,965	9,916	2,420	...	...	434	...	564,735	
1920 . . .	89,484	...	...	...	5,335	...	...	44,819	
1921 . . .	50,090	...	1,319	...	4,560	426	...	56,395		
1922 . . .	75,334	7,981	4,762	...	2,697	920	...	91,694		
1923 . . .	85,349	2,674	9,113	...	467	469	...	98,072		
1924 . . .	75,487	1,148	10,250	...	55	1,702	...	88,642		
1925 . . .	24,681	1,676	13,024	...	35	2,580	16,170	25,826	41,996	
1926 . . .	21,745	3,438	7,676	...	18	1,166	28,750	5,313	34,063	

N. B.—This table does not take into account material imported on behalf of Government, but includes those imported by the railways.

Appendix I.

Table E-1.—Rails, Chairs and Fishplates.

Imports during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1912	176,355	187,536	96,419	24,941	9,619	444,869	
1913	151,188	339,277	25,811	26,020	28,439	564,735	
1920	17,431	14,693	1,430	7,462	3,803	44,819	
1921	29,199	12,839	5,905	4,924	3,528	56,395	
1922	34,330	36,544	7,065	8,318	4,437	91,694	
1923	57,416	19,449	2,798	17,407	1,002	98,072	
1924	24,900	82,783	8,334	7,947	14,678	88,642	
1925	9,857	13,842	8,511	5,416	4,370	41,996	
1926	6,425	19,137	3,327	10,774	4,400	34,063	

N. B.—This table does not take into account material imported on behalf of Government, but includes those imported by the railways.

Appendix I.

Table F.—Galvanized Sheets (Corrugated and Plain).

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	Imported from						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912 . . .	150,193	1,009	272	...	10,280	85	...	...	161,789	
1913 . . .	174,604	1,148	387	...	10,113	20	...	...	186,272	
1920 . . .	55,183	...	5	...	3,141	88	...	...	58,412	
1921 . . .	59,936	12	101	...	6,530	70	...	...	66,649	
1922 . . .	83,272	449	373	15	4,016	216	...	...	88,341	
1923 . . .	114,517	406	472	...	7,050	28	...	...	122,473	
1924 . . .	159,134	299	678	...	4,922	5	...	...	165,038	
1925 . . .	205,308	1,037	901	3	1,667	82	149,239	59,909	209,148	
1926 . . .	271,656	80	2,027	69	8,391	38	282,553	508	283,056	

N.B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table F-1.—Galvanized Sheets (Corrugated and Plain).

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1912	96,610	47,875	1,465	3,747	12,072	161,769	
1913	124,091	36,897	5,044	4,271	15,969	186,272	
1920	83,517	15,962	1,780	1,700	5,453	98,412	
1921	27,770	25,236	2,835	2,535	8,223	66,649	
1922	35,499	35,506	3,413	3,812	10,111	88,341	
1923	52,833	45,889	6,767	4,267	12,717	122,473	
1924	68,792	71,268	6,973	5,820	12,185	165,038	
1925	102,108	75,373	8,870	7,081	15,721	209,148	
1926	161,822	83,520	9,629	8,955	19,730	283,656	

N.B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table G.—Tinned Sheets.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	IMPORTED FROM						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912	20,564	9	...	3	490	2	...	...	21,068	
1913	89,983	14	2	4	8,140	...	...	...	43,093	
1920	29,154	...	...	...	12,621	894	...	...	42,169	
1921	44,897	...	25	4	4,329	677	...	...	49,934	
1922	24,207	...	...	...	535	5	...	...	24,747	
1923	38,739	...	...	...	4,006	876	...	...	48,621	
1924	87,496	...	...	...	6,587	7	...	...	44,090	
1925	25,892	...	85	...	10,534	18	27,548	8,981	36,529	
1926	18,096	81	26	16	11,231	358	29,597	161	29,758	

N.B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table G-1.—Tinned Sheets.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1912	11,248	4,680	672	2,792	1,696	21,088	
1913	24,505	8,409	1,981	2,883	5,315	43,093	
1920	18,840	10,030	4,884	4,016	4,949	42,169	
1921	20,823	11,283	6,219	6,143	5,456	49,934	
1922	11,499	4,849	2,213	1,809	4,877	24,747	
1923	21,108	7,992	3,121	5,417	5,983	43,621	
1924	18,692	10,150	5,132	4,961	5,155	44,090	
1925	14,858	9,589	4,186	5,144	3,808	36,589	
1926	9,473	8,832	5,185	3,730	2,588	29,758	

N.B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table H.—Black Sheets (up to $\frac{1}{2}$ ”).

Imports into India during the years 1924-25 and 1925-26.

Year ending March 31st.	IMPORTED FROM						Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.		
1925	9,902	14,159	26,945	1,197	151	383	52,737	Classified from April 1924.
1926	10,214	7,043	22,366	5,723	223	589	46,158	

N. B.—1. This table does not take into account material imported on behalf of Government.

2. See also Table I. The protected and unprotected imports of black sheets and plates are shown together in the Trade Returns and are :—

	1925	1926.
Protected fabricated	79,988	5,879
Protected non-fabricated	38,080	77,431
Non-protected	118,068	8,357
	118,068	91,667

Table H-1.—Black Sheets (up to $\frac{1}{2}$ ”).

Imports into India during the years 1924-25 and 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1925	20,862	19,775	6,325	3,976	1,799	52,737	Classified from April 1924.
1926	16,048	16,583	7,120	3,032	3,375	46,158	

N. B.—This table does not take into account material imported on behalf of Government.

Appendix L

Table I.—Black Plates (over ½').
Imports into India during the years 1924-25 and 1925-26.

Year ending March 31st.	IMPORTED FROM						Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.		
1925	42,717	9,864	11,100	258	15	1,377	65,831	Classified from April 1924.
1926	17,878	5,840	19,744	2,588	78	886	45,509	

N. B.—1. This table does not take into account material imported on behalf of Government.
2. See note to Table H.

Table I-1.—Black Plates (over ½').
Imports into India during the years 1924-25 and 1925-26.
Share of each port.

Year ending 31st March.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1925	16,715	24,651	7,642	2,973	3,950	65,831	Classified from April 1924.
1926	16,918	18,114	7,482	5,814	2,706	45,509	

N. B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table J.—Total of Black Sheets and Plates.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Year ending March 31st.	Imported from						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1912 . . .	54,356	29,989	12,358	...	6,138	512	...	...	103,353	
1913 . . .	30,219	32,456	17,388	13	2,360	5	...	...	82,441	
1920 . . .	48,087	103	3,706	...	13,998	204	...	...	66,098	
1921 . . .	67,283	1,710	7,568	1,150	20,478	582	...	...	98,791	
1922 . . .	26,802	14,733	16,010	772	1,907	832	...	...	61,056	
1923 . . .	39,487	23,501	29,505	1,508	254	2,367	...	...	96,622	
1924 . . .	67,835	15,706	22,964	538	266	833	...	...	108,142	
1925 . . .	52,619	24,023	38,045	1,455	166	1,760	79,988	38,080	118,068	
1926 . . .	27,587	12,383	42,110	8,311	301	975	(a) 5,879 (b) 77,431	8,357	91,667	(a) Fabricated. (b) Other.

N. B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table J-1.--Total of Black Sheets and Plates.

Imports into India during the years 1911-12, 1912-13 and 1919-20 to 1925-26.

Share of each port.

Year ending March-31st.	Bengal.	Bombay.	Karachi.	Madras.	Bangoon.	Total.	REMARKS.
1912	51,664	23,228	15,296	6,353	6,812	103,353	
1913	45,093	20,243	8,526	6,565	2,074	82,441	
1920	42,380	16,190	3,646	1,566	2,316	66,098	
1921	60,165	22,465	7,658	3,739	4,764	98,791	
1922	92,181	16,944	5,318	4,824	1,789	111,056	
1923	41,898	28,678	14,657	7,791	3,598	96,622	
1924	21,876	68,906	8,553	6,271	2,536	108,142	
1925	37,577	54,426	13,967	6,949	5,149	118,068	
1926	32,961	29,697	14,602	8,326	6,081	91,667	

N.B.—This table does not take into account material imported on behalf of Government.

Appendix I.

Table K.—Wire Nails.

Imports into India during the years 1919-20 to 1925-26.

Year ending March 31st.	IMPORTED FROM						Protected.	Not protected.	Total.	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1920	384	...	63	...	5,966	276	...	...	6,689	
1921	1,935	1,850	2,260	...	2,720	680	...	...	9,445	
1922	301	3,179	3,570	...	70	140	...	...	7,260	
1923	629	6,650	3,912	40	1,978	201	...	...	12,810	
1924	219	4,575	4,710	17	32	1,418	...	...	10,971	
1925	439	7,301	7,379	22	6	1,091	12,449	3,789	16,238	
1926	268	2,575	4,673	24	...	166	7,706	...	7,706	

N.B.—(1) This table does not take into account material imported on behalf of Government.

(2) Not separately classified during the years 1911-12 and 1912-13.

Appendix I.

Table K-1. Wire Nails.

Imports into India during the years 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1920	1,083	1,522	557	818	2,759	6,669	
1921	2,548	1,463	562	1,989	3,463	9,445	
1922	1,878	1,589	1,438	1,242	1,663	7,260	
1923	3,582	1,572	1,044	1,618	4,994	12,810	
1924	2,363	2,290	2,173	2,263	1,882	10,971	
1925	3,736	2,470	1,685	1,589	6,758	16,238	
1926	3,139	1,177	655	1,232	1,502	7,706	

N.B.—1. This table does not take into account material imported on behalf of Government.
 2. Not separately classified during the years 1911-12 and 1912-13.

Appendix I.

Table L. Steel Wire (other than fencing wire).

Imports into India during the years 1919-20 to 1925-26.

Year ending March 31st.	IMPORTED FROM						Protected.	Not protected.	Total	REMARKS.
	United Kingdom.	Germany.	Belgium.	France.	United States of America.	Other countries.				
1920	2,339	...	36	...	3,278	122	...	...	5,775	
1921	2,737	276	609	...	824	162	...	...	4,608	
1922	559	1,811	659	1	156	115	...	...	3,301	
1923	1,135	1,447	889	...	257	65	...	...	3,793	
1924	1,383	2,002	1,588	12	209	371	...	...	5,565	
1925	1,383	3,458	1,446	15	79	224	4,653	1,935	6,588	
1926	1,331	1,823	3,169	62	114	103	6,605	...	6,605	

N.B.—1. This table does not take into account material imported on behalf of Government.
 2. Not separately classified during the years 1911-12 and 1912-13.

Appendix I.

Table L-1. Steel Wire (other than fencing wire).

Imports into India during the years 1919-20 to 1925-26.

Share of each port.

Year ending March 31st.	Bengal.	Bombay.	Karachi.	Madras.	Rangoon.	Total.	REMARKS.
1920	4,021	1,337	244	63	110	5,775	
1921	2,517	1,411	183	138	359	4,608	
1922	1,134	1,666	246	114	141	3,301	
1923	2,115	970	82	192	434	3,793	
1924	2,451	2,098	382	229	405	5,565	
1925	3,084	2,204	527	288	465	6,568	
1926	3,920	1,478	402	330	475	6,605	

N.B.—1. This table does not take into account material imported on behalf of Government.
 2. Not separately classified during the years 1911-12 and 1912-13.

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Appendix II.

Prices of imported Steel products.

A.—BRITISH BEAMS.

—	Iron and Coal Trades Review.	Balmer Lawrie & Co.	Richardson & Cruddas.	Jessop & Co.	Tisco.	Burn & Co.
	f.o.b.	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.
1925	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
June	7 17 6.	8 10 0	8 7 0	8 9 6	8 15 0	8 10 1
July	7 15 0	8 7 6	8 4 6	8 7 0	8 8 0	8 7 3
August	7 5 0	8 6 6	8 2 4	8 7 0	8 3 0	8 4 2
September	7 8 9	8 5 0	8 2 4	8 2 0	8 1 8	8 1 7
October	6 19 0	8 0 0	7 16 0	7 18 0	7 15 6	7 16 5
November	6 15 0	7 12 6	7 8 8	7 18 0	7 10 3	7 11 3
December	6 11 8	7 10 0	7 8 8	7 7 0	7 8 9	7 6 11
1926						
January	6 10 0	7 10 0	7 8 8	7 7 0	7 8 9	7 6 11
February	6 8 9	7 10 0	7 8 8	7 7 0	7 8 9	7 6 11
March	6 8 9	7 10 0	7 6 3	7 7 0	7 6 3	7 6 11
April	6 4 9	7 10 0	...	7 9 6	7 5 0	7 6 11
May	6 3 9	...	...	7 9 6	7 5 0	7 6 11
June	6 3 9	...	...	7 14 6	7 12 0	...
July . . . . .	...	...	...	7 14 6	...	...
August . . . . .	...	...	...	...	...	...

Appendix II.

B.—CONTINENTAL BEAMS.

		Iron and Coal Trades & Bewley.	Balmer Lawrie & Co.	Richardson & Crutcher,	Jessop & Co.	Geo. Service & Co.	Tata Iron and Steel Company.	Anandji Haridas & Co.	Burn & Co.	Anandji Haridas & Co. Calcutta Market price.	Mr. G. B. Trivedi Bombay Market price.	Bombay Iron Merchants Association Bombay Market price.
		f.o.b.	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.		c.i.f.	
June	1925	₹ 5 6 7	₹ 6 12 11	₹ 6 10 8	₹ 6 10 6	₹ 6 10 6	₹ 6 9 0	₹ 6 10 0	₹ 6 0 4	Rs. 120 0 0	Rs. ...	Rs. 140
July		5 4 11	6 10 5	6 10 6	6 9 6	6 10 6	6 7 8	6 9 0	6 2 0	120 0 0	...	140
August		5 5 3	6 10 5	6 6 9	6 9 6	6 6 9	6 7 0	6 9 6	6 0 3	120 0 0	...	145
September		5 3 0	6 10 5	6 3 0	6 5 6	6 3 0	6 3 0	6 4 0	5 19 6	120 0 0	...	140
October		4 19 11	6 5 10	6 0 3	6 2 6	6 0 3	6 0 0	6 2 0	6 18 0	120 0 0	...	145
November		4 16 8	6 5 10	5 11 9	5 17 0	5 11 3	5 16 0	5 17 6	5 12 3	120 0 0	...	145
December		4 16 10	5 15 10	5 12 9	5 15 10	5 12 2	5 13 6	5 17 0	5 12 3	100 0 0	...	140
January	1926	4 17 4	6 6 10	5 17 0	6 0 0	5 17 0	5 16 0	6 0 3	5 12 3	100 0 0	...	145
February		4 18 0	6 0 10	5 17 0	5 19 6	5 17 0	5 16 0	5 19 0	5 12 2	100 0 0	...	135
March		4 16 9	6 0 10	5 12 3	5 18 6	5 12 3	5 15 0	5 17 0	5 11 9	96 0 0	...	120
April		4 15 8	5 12 4	...	5 17 0	5 17 0	5 14 0	5 12 6	5 12 9	100 0 0	...	120
May		4 12 10	...	...	5 17 0	...	5 12 0	5 12 6	5 12 6	107 8 0	...	125
June		4 12 3	...	...	5 14 6	...	5 11 0	5 12 6	...	105 0 0	...	120
July		4 12 5	...	...	5 14 6	...	...	5 12 6	...	105 0 0	...	120
August		4 16 10	...	...	...	...	...	6 1 6	...	107 8 0	...	115
September		...	...	...	...	...	...	6 10 0	...	110 0 0	...	117

Appendix II.

C.—BRITISH ANGLES.

	Balmer Lawrie & Co., Ltd.	Richard- son & Cruddas.	Jessop & Co., Ltd.	Tata Iron & Steel Co., Ltd.	Burn & Co., Ltd.
	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1925.					
June	8 10 0	8 7 0	8 9 6	8 15 0	8 10 1
July	8 7 6	8 4 6	8 7 0	8 8 0	8 7 3
August	8 7 6	8 2 4	8 7 0	8 5 0	8 4 2
September	8 5 0	8 2 4	8 2 0	8 1 8	8 1 7
October	8 0 0	7 16 0	7 18 0	7 15 6	7 16 5
November	7 12 6	7 8 8	7 18 0	7 10 3	7 11 3
December	7 10 0	7 8 8	7 7 0	7 8 9	7 6 11
1926.					
January	7 10 0	7 8 8	7 7 0	7 8 9	7 6 11
February	7 10 0	7 8 8	7 7 0	7 8 9	7 6 11
March	7 10 0	7 6 3	7 7 0	7 6 3	7 6 11
April	7 10 0	...	7 9 6	7 5 0	7 6 11
May . . . . .	...	...	7 9 6	7 5 0	7 6 11
June . . . . .	...	...	7 14 6	7 12 0	...
July . . . . .	...	...	7 14 6	...	...

Appendix II.

D.—CONTINENTAL ANGLES.

	Balmer Lawrie & Co. c.i.f.	Richardson & Cruddas. c.i.f.	Jessop & Co. c.i.f.	Geo. Service & Co. c.i.f.	Tata Iron and Steel Company. c.i.f.	Anandji Haridas & Co. c.i.f.	Burn & Co. c.i.f.	Anandji Haridas & Co. Calcutta Market price.	Bombay Iron Merchants Assn- sation Bombay Market price.
1925								Rs. A. P.	Rs.
June	₹ 15 10	₹ 15 8	₹ 14 0	₹ 15 8	₹ 18 0	₹ 12 6	₹ 6 3	145 0 0	140
July	₹ 15 10	₹ 14 0	₹ 11 6	₹ 14 0	₹ 12 0	₹ 12 6	₹ 7 10	145 0 0	140
August	₹ 18 4	₹ 11 8	₹ 10 6	₹ 11 8	₹ 11 6	₹ 9 0	₹ 6 4	138 0 0	150
September	₹ 10 10	₹ 7 0	₹ 6 6	₹ 7 0	₹ 7 6	₹ 5 0	₹ 4 0	135 0 0	145
October	₹ 10 10	₹ 4 4	₹ 9 8	₹ 4 4	₹ 5 0	₹ 5 0	₹ 3 2	132 8 0	135
November	₹ 10 10	₹ 19 9	₹ 9 0	₹ 19 9	₹ 6 0	₹ 1 5	₹ 12 11	132 8 0	145
December	₹ 8 4	₹ 19 9	₹ 9 0	₹ 19 9	₹ 1 0	₹ 2 0	₹ 19 7	132 8 0	145
1926									
January	₹ 8 10	₹ 1 10	₹ 5 6	₹ 1 10	₹ 3 6	₹ 3 0	₹ 1 8	130 0 0	140
February	₹ 3 4	₹ 1 10	₹ 6 6	₹ 1 10	₹ 3 6	₹ 6 0	₹ 0 10	128 7 0	175
March	₹ 3 4	₹ 4 4	₹ 5 0	₹ 4 4	₹ 3 0	₹ 3 0	₹ 19 8	127 8 0	181
April	₹ 3 4	...	₹ 0 0	₹ 4 4	₹ 1 6	₹ 10 6	₹ 19 9	123 8 0	135
May . . . . .	...	...	₹ 19 0	...	₹ 17 0	₹ 16 6	₹ 19 6	127 8 0	135
June . . . . .	...	...	₹ 14 6	...	₹ 14 0	₹ 16 0	...	126 6 0	130
July . . . . .	...	...	₹ 14 6	...	...	₹ 12 6	...	126 4 0	135
August . . . . .	...	...	...	...	...	₹ 1 6	...	123 12 0	120
September . . . . .	...	...	...	...	...	₹ 10 0	...	125 0 0	120

Appendix II.

E.—BRITISH BARS.

	Iron and Coal Trades Review. f.o.b.	Balmer Lawrie & Co., Ltd. c.i.f.	Richardson & Cruddas. c.i.f.	Jessop & Co., Ltd. c.i.f.	Tata Iron & Steel Co., Ltd c.i.f.
	<i>£. s. d.</i>	<i>£. s. d.</i>	<i>£. s. d.</i>	<i>£. s. d.</i>	<i>£. s. d.</i>
1925.					
June	8 5 0	9 5 0	8 19 0	8 9 6	9 10 0
July	8 5 0	9 0 0	8 16 8	8 7 0	9 9 0
August	8 5 0	8 17 6	8 14 3	8 7 0	9 9 0
September	7 10 4	8 12 6	8 14 3	8 2 0	9 8 0
October	7 15 0	8 12 6	8 8 3	7 18 0	9 5 c
November	7 5 0	8 12 6	8 0 9	7 18 0	9 2 6
December	7 5 0	8 12 6	8 0 9	7 7 0	8 12 6
1926.					
January	7 5 0	8 12 6	8 0 10	7 7 0	8 7 6
February	7 5 0	8 12 6	8 0 10	7 7 0	8 7 6
March	7 5 0	8 12 6	7 18 6	7 7 0	8 7 6
April	7 5 0	8 15 0	...	7 9 6	8 7 6
May	7 5 0	...	...	7 9 6	8 7 6
June	7 5 0	...	...	7 14 6	8 12 0
July . . . . .	...	...	...	7 14 6	...
August . . . . .	...	...	...	... 6	...

Appendix II.

F.—CONTINENTAL BARS.

	Iron and Coal Trades Review.	Balmer Lawrie & Co.	Richardson & Cruddas.	Jessop & Co.	Geo. Service & Co.	Tata Iron and Steel Com- pany.	Anandji Haridas & Co.	Burn & Co.	Anandji Haridas & Co. Calcutta Market price.	Bombay Iron Merchants Association Bombay Market price.
	L.o.b.	c.l.f.	c.l.f.	c.l.f.	c.l.f.	c.l.f.	c.l.f.c.	c.l.f.		
1925.										
June	₹ 12 0	₹ 15 10	₹ 15 8	₹ 13 0	₹ 15 8	₹ 13 0	₹ 13 6	₹ 6 8	135 0 0	140
July	5 8 8	6 15 10	6 14 0	6 11 8	6 14 0	6 12 0	6 12 8	6 7 10	135 0 0	145
August	5 8 8	6 13 4	6 11 8	6 10 6	6 11 8	6 11 6	6 8 4	6 6 2	135 0 0	140
September	5 6 7	6 10 10	6 7 0	6 6 6	6 7 0	6 7 6	6 5 0	6 4 0	135 0 0	135
October	5 5 8	6 10 10	6 4 4	6 9 6	6 4 4	6 5 0	6 4 8	6 3 2	140 0 0	150
November	5 4 1	6 10 10	5 19 8	6 2 0	5 19 6	6 6 0	6 1 2	5 19 2	140 0 0	140
December	5 4 7	6 8 4	5 19 6	6 2 6	5 19 6	6 1 0	6 2 6	6 0 1	137 8 0	145
1926.										
January	5 6 1	6 8 10	6 1 10	6 6 0	6 1 10	6 3 6	6 2 6	6 1 8	137 8 0	155
February	5 3 4	6 8 4	6 1 10	6 6 6	6 1 10	6 3 6	6 5 0	6 0 10	137 8 0	140
March	5 3 2	6 8 4	6 4 4	6 4 6	6 4 4	6 2 0	6 3 3	5 19 8	133 8 0	145
April	5 1 11	6 3 4	...	6 0 0	6 4 4	6 1 6	5 16 6	5 19 9	135 0 0	150
May	4 19 6	...	...	5 18 6	...	5 17 0	5 16 6	5 19 6	130 0 0	135
June	4 15 6	...	...	5 14 6	...	5 14 0	5 16 6	...	130 0 0	135
July	4 14 0	...	...	5 14 6	...	...	5 12 6	...	130 0 0	135
August	4 16 10	...	...	...	...	...	6 1 6	...	127 8 0	135
September . . . . .	...	...	...	...	...	...	6 10 0	...	132 8 0	135

Appendix II.

G.—BRITISH PLATES.

	Iron and Coal Trades Review. f.o.b.	Balmer Lawrie & Co. c.i.f.	Richard- son & Cruddas. c.i.f.	Jessop & Co. c.i.f.	Tata Iron and Steel Company.* c.i.f.	Burn & Co. c.i.f.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1925.						
June . . .	8 11 3	9 13 4	9 7 2	9 15 0	9 10 6	9 11 6
July . . .	8 9 9	9 8 4	9 4 9	9 10 0	9 10 6	9 0 0
August . . .	8 1 3	9 5 10	9 2 0	9 7 6	9 4 0	9 5 9
September . . .	8 0 7	9 13 4	9 2 0	9 5 0	9 4 0	9 0 9
October . . .	7 13 6	8 18 4	8 13 2	8 15 0	9 1 6	8 17 0
November . . .	7 7 6	8 10 10	8 8 2	8 10 0	8 10 0	8 9 6
December . . .	7 2 6	8 5 10	8 3 4	8 10 0	8 2 6	8 1 11
1926.						
January . . .	7 0 0	8 5 10	8 3 4	8 10 0	8 2 6	8 1 11
February . . .	7 0 0	8 5 10	8 3 4	8 5 0	8 2 6	8 1 11
March . . .	7 0 0	8 5 10	8 0 10	8 5 0	8 2 6	8 1 11
April . . .	7 0 0	8 5 10	...	8 5 0	8 2 6	8 1 11
May . . .	7 0 0	...	...	8 5 0	8 2 6	8 1 11
June . . .	7 0 0	...	...	8 5 0	8 7 6	...
July . . .	...	...	...	8 5 0	...	...
August . . .	...	...	...	...	...	...

* ½" and up.

Appendix II.

H.—CONTINENTAL PLATES.

	Iron and Coal Trades Review.	Balmer Lawrie & Co.	Richardson & Cruddas.	Jessop & Co.	Geo. Service & Co.	Tata Iron and Steel Company.*	Anandji Haridas & Co.		Burn & Co.	Anandji Haridas & Co. Calcutta Market price.		Bombay Iron Merchants Association Bombay Market price.
	f.o.b.	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.	c.i.f.c. ½"	¾" & up.	c.i.f.	½"	¾" & up.	Rs.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Rs. A. P.	Rs. A. P.	Rs.
June 1925.	6 14 9	7 18 4	7 19 8	7 15 0	7 19 8	7 17 0	8 5 0	7 15 0	7 15 4	145 0 0	143 8 0	160
July	6 9 11	7 15 10	7 18 6	7 13 6	7 18 6	7 17 0	8 3 6	7 13 6	7 17 3	147 8 0	143 8 0	160
August	6 8 6	7 13 4	7 13 4	7 10 6	7 13 4	7 11 0	8 0 0	7 7 6	7 17 3	143 8 0	143 8 0	160
September	6 7 0	7 13 4	7 7 9	7 3 6	7 7 9	7 4 0	7 13 6	7 3 6	7 14 3	145 0 0	143 8 0	150
October	6 1 0	7 5 10	7 1 4	7 1 6	7 1 4	7 0 0	7 10 0	7 1 8	7 9 8	155 0 0	137 8 0	150
November	5 14 7	7 5 10	6 11 8	6 11 0	6 11 8	6 17 0	7 2 0	6 14 6	7 2 5	145 0 0	137 8 0	150
December	6 10 6	6 10 10	6 6 9	6 7 6	6 6 9	6 7 0	6 16 0	6 5 6	6 13 0	137 8 0	137 8 0	175
January 1926.	5 8 1	6 10 10	6 6 9	6 10 0	6 6 9	6 8 0	6 17 9	6 5 0	6 14 3	138 10 0	137 8 0	150
February	5 10 0	6 10 10	6 6 9	6 10 0	6 6 9	6 8 0	6 19 0	6 5 0	6 13 8	135 0 0	120 0 0	140
March	5 9 0	6 10 10	6 6 9	6 8 6	6 6 9	6 8 0	6 17 9	6 5 0	6 11 9	113 8 0	120 0 0	135
April	5 6 11	6 8 4	..	6 5 6	6 6 9	6 8 0	6 18 0	6 5 0	6 14 7	110 0 0	110 0 0	140
May	5 5 0	..	..	6 3 6	..	6 3 0	6 13 0	6 5 0	6 14 7	113 8 0	110 0 0	140
June	5 3 3	..	..	6 1 6	..	6 0 0	6 13 0	6 5 0	..	107 8 0	104 8 0	130
July	5 3 5	..	..	6 1 8	..	..	6 9 0	6 0 0	..	107 8 0	107 8 0	130
August	5 10 7	..	..	..	..	..	6 15 0	6 10 0	..	113 8 0	110 0 0	135
September	..	..	..	..	..	..	7 15 0	6 15 0	..	117 8 0	115 0 0	135

* ½" and thicker.

Appendix II.

I.—BRITISH BLACK SHEET.

	Iron and Coal Trades Review f.o.b.	Jessop & Co., Ltd. c.i.f.	Tata Iron & Steel Co., Ltd. c.i.f.	Burn & Co., Ltd.* c.i.f.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1925				
June	11 7 6	...	12 12 6	11 8 6
July	10 19 0	...	12 5 0	11 7 3
August	10 10 0	...	11 13 6	11 7 3
September	10 8 9	...	11 12 6	11 7 3
October	10 5 0	11 5 4	11 7 6	11 7 3
November	10 5 0	...	11 7 6	11 3 5
December	10 0 10	...	11 5 0	10 12 2
1926				
January	9 12 6	...	10 12 0	10 9 6
February	9 12 6	...	10 12 0	10 7 2
March	9 11 3	...	10 10 0	10 7 2
April	9 8 6	...	10 8 0	10 7 2
May	9 8 3	...	10 8 0	10 7 2
June	9 10 0	...	10 8 0	...
July . . . . .	...	...	...	...
August . . . . .	...	...	...	...

* $\frac{1}{4}$ " thick.

Appendix II.

J.—CONTINENTAL BLACK SHEET.

	Jessop & Co., Ltd.	Tata Iron & Steel Co., Ltd.	Anandji Haridas & Co.	Burn & Co.*	Anandji Haridas & Co., Calcutta Market price.	Bombay Iron Merchants Association Bombay Market price.
	c.i.f.	c.i.f.	c.i.f.c.	c.i.f.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Rs. A. P.	Rs. A. P.
1925						
June	11 6 0	11 5 0	8 0 10	165 0 0	190 0 0
July	11 5 0	11 0 0	7 12 8	167 8 0	170 0 0
August	11 5 0	11 8 9	7 15 0	165 0 0	170 0 0
September	11 2 0	11 2 6	7 12 8	167 8 0	170 0 0
October	10 16 0	10 18 9	7 9 9	167 8 0	170 0 0
November	10 15 0	10 8 0	10 8 6	7 4 0	165 0 0	165 0 0
December	10 8 8	9 19 0	10 0 0	8 16 4	157 8 0	160 0 0
1926						
January	10 0 0	10 0 0	6 16 3	155 0 0	152 0 0
February	9 13 5	10 0 0	10 0 0	6 15 3	157 8 0	160 0 0
March	9 15 0	9 12 6	6 14 8	157 8 0	155 0 0
April	9 12 0	9 0 0	6 14 8	150 0 0	155 0 0
May	9 10 0	9 0 0	6 16 1	155 0 0	152 0 0
June	9 4 0	9 0 0	...	155 0 0	150 0 0
July	8 8 6	...	157 8 0	159 0 0
August	8 5 0†	...	165 0 0	140 0 0
September	9 16 8	...	165 0 0	165 0 0

* 1/2" thick.
† 14 to 18 gauge.

Appendix III.

List of firms who submitted representations to the Tariff Board asking for protection, in one form or other, for steel products.

No.	Product proposed to be protected.	Names of firms applying for protection.	Dates of written representation.	Dates of oral examination.
1	Bolled Steel and Agricultural Implements.	The Tata Iron and Steel Company, Ltd.	7th May, 1926 . . .	14th, 15th, 16th, 18th, 22nd, 23rd, 24th, 25th June, 8th, 10th, 11th, 13th, 14th August and 20th, 25th, 27th, 28th September, 1926.
2	Steel Castings and Spring Steel.	Hukumchand Electric Steel Works . . .	19th April, 1926 . . .	17th, 18th and 19th May, 1926.
3	Wagon Forgings . . .	Angus Engineering Works . . .	11th June, 1926 . . .	14th July, 1926.
4	Tinplate . . .	The Tinplate Company of India, Ltd. . .	5th May, 1926 . . .	21st June and 7th, 8th July, 1926.
5	Railway Wagons . . .	The Peninsular Locomotive Company, Ltd. .	15th May, 1926 . . .	16th August, 1926.
		The Indian Standard Wagon Company, Ltd.	} 18th May, 1926 . . .	20th and 21st July, 1926.
		Burn and Company, Ltd.		
		Jessop and Company, Ltd. . . . .			11th, 14th May, 1926 . . .	23rd July, 1926.
6	Tipping Wagons . . .	Farry's Engineering, Ltd.	14th May, 1926 . . .	
7	Railway Locomotives . .	The Peninsular Locomotive Company, Ltd. .	30th April, 1926 . . .	16th August, 1926.
8	Wire and Wire Nails . .	The Indian Steel Wire Products, Ltd. . .	11th August, 1926 . . .	
		Pioneer Wire Nail Manufacturing Company .	16th August, 1926 . . .	
9	Bolts and Nuts . . .	Kirloskar Brothers, Ltd.	12th May, 1926 . . .	

Appendix IV.

List of Engineering Associations and firms and of firms interested in the manufacture of iron and steel who submitted representations to the Tariff Board.

No.	Names of firms.	Date of representation or replies to questionnaire.	Date on which representative was examined orally.
1	Burn and Company, Ltd. . . .	18th May, 1926 .	20th and 21st July, 1926.
2	Jessop and Company, Ltd. . . .	11th/14th May, 1926	23rd July, 1926.
3	The Indian Iron and Steel Company, Ltd.	14th May, 1926 .	30th July, 1926.
4	Bird and Company	15th May, 1926 .	5th August, 1926.
5	Indian Engineering Association .	12th June, 1926 .	
6	Richardson and Cruddas	3rd May, 1926 .	

Appendix V.

List of Railways from which replies were received to the questionnaires issued by the Board.

No.	Names of Railways.	Date or dates of replies.	Date on which representatives were examined orally.
1	North Western Railway . . .	23rd June, 29th June, 22nd July, 26th July and 4th August, 1926.	
2	Great Indian Peninsula Railway .	15th June, 17th June, 24th June and 16th July, 1926.	
3	East Indian Railway . . .	8th June, 21st June, 17th July, 19th July and 2nd August, 1926.	
4	Eastern Bengal Railway . . .	19th June, 21st June, 30th June and 11th September, 1926.	
5	Bengal Nagpur Railway Company, Ltd.	14th June, 2nd July, 9th July, 28th September and 8th October, 1926.	
6	Bombay, Baroda and Central India Railway Company, Ltd.	11th June, 1st July, 8th July, 9th July and 17th July, 1926.	
7	Madras and Southern Mahratta Railway Company, Ltd.	14th June, 16th June, 19th June and 28th June, 1926.	
8	South Indian Railway Company, Ltd.	22nd June, 26th June, 28th June and 8th October, 1926.	
9	Burma Railways Company . . .	12th July, 1926.	
10	Assam Bengal Railway Company, Ltd.	3rd June, 26th June, 14th July and 16th July, 1926.	
11	Bengal and North-Western Railway Company, Ltd.	17th July, 1926.	
12	Railway Board	21st May, 8th June and 7th July, 1926.	26th, 27th and 28th July, 1926.
13	H. E. H. The Nizam's Guaranteed State Railways Company, Ltd.	14th September, 1926.	
14	Bohilkund and Kumaon Railway Company, Ltd.	23rd October, 1926.	

Appendix VI.

List of Chambers of Commerce and other commercial bodies, importing firms and private individuals from whom representations were received on the general question of protection for steel.

No.	Name of Chamber, Association, etc.	Date of representation.	Date on which representative was examined orally.
1	Messrs. Richardson and Cruddas .	3rd May, 1926 .	...
2	,, Geo. Service and Company	12th May, 1926 .	...
3	Chamber of Commerce, Madras .	8th May, 1926 .	...
4	Burma Chamber of Commerce .	5th May, 1926 .	...
5	Indian Chamber of Commerce, Calcutta.	1st June, 1926, and 2nd August, 1926.	...
6	Southern India Chamber of Commerce, Madras.	5th July, 1926 .	...
7	Burma Indian Chamber of Commerce.	12th July, 1926 .	...
8	Bombay Iron Merchants' Association.	22nd July, 1926 .	...
9	Some Iron Merchants of Calcutta .	11th August, 1926	...
10	Mr. B. Sitaraman, Calcutta . .	20th July, 1926 .	...
11	Mr. G. B. Trivedi, Bombay . .	21st July, 1926 .	18th August, 1926.
12	Messrs. Anandji Haridas and Company.	20th May, 1926 .	2nd August, 1926.

Appendix VII.

List of Engineering and other firms whose works were visited by the Board.

No.	Name of firm.	Works visited.	Date of visit.
1	The Tata Iron and Steel Company, Ltd.	Works at Jamshedpur.	19th and 20th April, 10th and 11th August, 18th September, 1926.
2	Peninsular Locomotive Company, Ltd.	Ditto . .	21st April, 1926.
3	Indian Cable Company, Ltd.	Ditto . .	Ditto.
4	The Agricultural Implements Company.	Ditto . .	22nd April, 1926.
5	Indian Steel Wire Products, Ltd. .	Ditto . .	Ditto.
6	The Tinplate Company of India, Ltd.	Works at Golmuri near Jamshedpur.	23rd April and 10th August, 1926.
7	Messrs. Burn and Company, Ltd. .	Works at Howrah	26th April and 25th August, 1926.
8	Messrs. Jessop and Company, Ltd. .	Works at Howrah and Garden Reach.	27th April, 1926.
9	Hukumchand Electric Steel Works	Works at Ballygunge near Calcutta.	28th April, 1926.
10	Angus Engineering Works . .	Works at Bhadrachwar.	12th July, 1926.
11	Indian Standard Wagon Company, Ltd.	Works at Burnpur near Asansol.	17th July, 1926.
12	Indian Iron and Steel Company, Ltd.	Ditto . .	Ditto