RAILWAY DEPARTMENT GOVERNMENT OF INDIA RAILWAY BOARD

\$

Railways in India

Administration Report for the year

1919-20



VOLUME I (REPORT)

SIMLA GOVERNMENT CENTRAL PRESS 1920

Price Rs. 1/8/-

Agents for the sale of books published by The Superintendent of Government Printing, India, Calcuttas

Agents in Europe.

CONSTABLE & Co., 10, Orange Street, Leicester Square, London, W.C.

KEGAN PAUL, TRENCH, TBÜBNEB & Co., 68-74, Carter Lane, E. C., and 25, Museum-Street, London, W.C.

BERNARD QUARITCH, 11, Grafton Street, New Bond Street, London, W.

P. S. KING & Sons, 2 and 4, Great Smith Street, Westminster, London, S.W.

H. S. KING & Co., 65, Cornhill, E. C., and 9, Pall Mall, London, W.

GRINDLAY & Co., 54, Parliament Street, London, S.W.

LUZAC & Co., 46, Great Russell Street, London, W.C.

W. THACKER & Co., 2, Creed Lane, London, E.C.

T. FISHER UNWIN, LTD., 1, Adelphi Terrace, London, W.C.

WM. WESLEY & Son, 28, Essex Street, Strand, London.

B. H. BLACKWELL, 50 and 51, Broad Street, Oxford.

DEIGHTON, BELL & Co., LTD., Cambridge.

OLIVER AND BOYD, Tweeddale Court, Edinburgh.

E. PONSONBY, LTD., 116, Grafton Street, Dublin.

EENEST LEBOUX, 28, Rue Bonaparte, Paris.

MARTINUS NIJHOFF, The Hague, Holland.

Agents in India and Ceylon.

THACKER SPINK & Co., Calcutta and Simla.

NEWMAN & Co., Calcutta.

R. CAMBRAY & Co., Calcutta.

S. K. LAHIRI & Co., Calcutta.

B. BANERJEE & Co., Calcutta.

THE INDIAN SCHOOL SUPPLY DEFÔT, 309, Bow Bazar Street, Calcutta, and 226, Nawabpur, Dacea.

BUTTERWOETH & Co. (INDIA), LTD., Calcutta.

RAI M. C. SARKAR BAHADUE & SONS, 90-2-A., Harrison Road, Calcutta.

THE WELDON LIBRARY, 18-5, Chowringhee Road, Calcutta.

STANDARD LITERATURE COMPANY, LTD., Calcutta.

LAL CHAND & Sons, Calcutta.

HIGGINBOTHAM & Co., Madras.

V. KALYANABAMA IYER & Co., Madras.

G. A. NATESAN & Co., Madras.

S. MURTHY & Co., Madras.

THOMPSON & Co., Madras.

TEMPLE & Co., Madras.

P. R. RAMA IYER & Co., Madras.

VAS & Co., Madras.

E. M. GOPALAKBISHNA KONA, Madura.

THACKER & Co., Bombay.

A. J. CAMBRIDGE & Co., Bombay.

D. B. TARAPOREVALA, SONS & Co., Bombay.

MRS. RADHABAI ATMARAM SAGOON, Bombay.

SUNDER PANDURANG, Bombay.

GOPAL NABAYAN & Co., Bombay. RAMCHANDRA GOVIND & SONS, Kalbadevi, Bombay. A. H. WHEBLEB & Co., Allahabad, Calcutta and Bombay. N. B. MATHUR, SUPDT., Nazir Kanun Hind Press, Allahabad. RAI SAHIB M. GULAB SINGH & Sons, Mufid-i-Am Press, Lahore and Allahabad. RAMA KISHAN & Sons, Lahore. SUPDT., American Baptist Mission Press, Rangoon. MANAGEE, the " Hitavada," Nagpur. S. C. TALUKDAR, Proprietor, Students and Company, Cooch Behar. A. M. and J. FERGUSON, Ceylon. MANAGER, Educational Book Depôts, Nagpur and Jubbulpore.* MANAGER of the Imperial Book Depôt, 63, Chandney Chauk Street, Delhi.* MANAGER, "The Agra Medical Hall and Co-operative Association, Ltd." (Successors to A. JOHN and Co., Agra). SUPDT., Basel Mission Book and Tract Depository, Mangalore. P. VARADACHARY & Co., Madras.* H. LIDDELL, Printer, etc., 23, Canning Road, Allahabad.* RAM DAYAL AGARWALA, 184, Katra, Allahabad.* D. C. ANAND & SONS, Peshawar. MANAGER, Newal Kishore Press, Lucknow.

Books and Technical Papers published by the Railway Board.

BOOKS.

(1) Administration Report on the Railways in India. Published yearly. Price-Vol. I, Report, Rs. 1-8. Volume II, Appendices, Rs. 2-4.

(2) Classified List and Distribution Return of Officers of all Indian Railways. Published half-yearly. Price Re. 1.

(3) History of Indian Railways constructed and in progress, corrected up to 31st March 1918. Published quinquennially. Price Rs. 1-8.

(4) History of Services of the Officers of the Engineer and Superior Revenue Establishment of State Railways. Published yearly. Price Rs. 2-8.

 \checkmark (5) Pocket edition of the Schedule of Dimensions to be observed on all 5' 6", 3' $3\frac{3}{8}$ " and 2' 6" gauge railways in India. Price As. 12.

. TECHNICAL PAPERS.

(6) Over 200 papers have been published by the Technical Section of the Railway Board's office. The papers comprise—

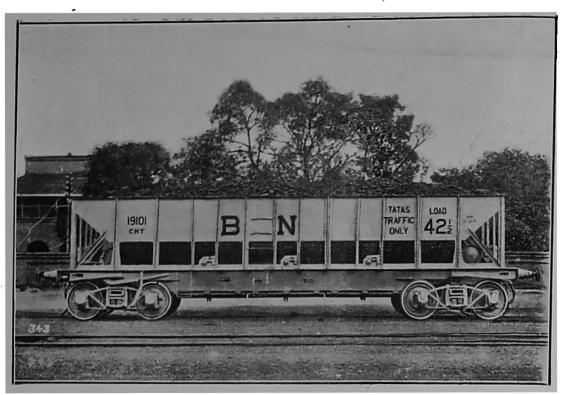
- (a) Original descriptions of Railway Works and studies of railway problems in India and elsewhere.
- (b) Reprints of articles from foreign Engineering Magazines.
- (c) Reprints or abstracts of reports received by the Government of India on subjects connected with railways.

A complete list of the papers can be obtained gratis from the Chief Engineer with the Railway Board, Simla.

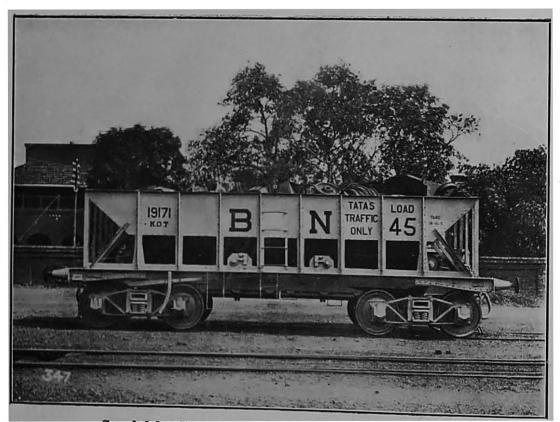
The Books and papers can be bought from the Superintendent, Government Printing, 8, Hastings Street, Calcutta.

The prices of the papers vary from Annas Four to Rupees Eight.

•Agents for the sale of Legislative Department publications only.



Special Coal Hopper Wagon-Bengal-Nagpur Railway.



Special Ore Hopper Wagon-Bengal-Nagpur Railway.

ŘAILWAÝ DÉPARTMENT GOVERNMENT OF INDIA RAILWAY BOARD

Railways in India

Administration Report for the year

1919-20



VOLUME I (REPORT)

SIMLA GOVERNMENT CENTRAL PRESS 1920

CONTENTS.

CHAPTER I.

~							Page
GENERAL	***	•••	***	•••	•••	•••	1
			CHAPT	ER II.			
FINANCIAI	L RESULTS OF :	THE YEAR					
	Capital		•••	•••			8
	Results of W	orking	•••	•••	•••		4
TRAPPIC V	Vorking		CHAPT	ER III.			
I BAFFIO		Troffic and	Priority cort	ificate system	n		8
	Controller of Traffic and Priority certificate system Military Traffic on the North-West Frontier				ш	•••	8
	Coal Traffic	•••	•••	•••	•••		8
	Increased rate		e of Coal	•••	•••		9
	Passenger Tra			aria (Enama)	•••	***	9
	Improvement Accidents	III Llower C	lass rasseng	ers Travei	***	***	9 10
	neoraents	***	•••	•••	***	•••	10
			CHAP	TER IV.			
New Con	STRUCTION ANI	d Engineeri	NG WORKS-	-			
	Mileage	•••	***	•••	•••	•••	18
	Lines opened			•••	•••	_ • <u>·</u> •	14
	New construc			Enterprise a	and District	; Boards	15
	Important Li New Constru			•••	•••	•••	16 18
	Open Line In			•••	***	•••	19
	Damages to V		•••		•••		21
	0		_				
D		- mum 7 - 7 0	CHAP'	rer v.			
WOLFING-	STOCK AND MA			_			0.0
	Construction New Rolling-	or Komng-si -stock	fock in Indi		***	•••	23 23
	Additions to the Rolling-stock of Railways					•••	23
	Thefts of Railway Fittings					•••	23
	Standardizatio			•••	•••	•••	23
	Standardizatio			•••	•••	•••	24
	Cold Storage and Transportation Maintenance of Rolling-stock					•••	24 24
	Central Autor	or Konnig-si matic Count	ers on the B	road Gauge	•••	•••	24
	Central Hatos	mane coupi		ing one	•••		
_			CHAPI	ER VI.			
FUEL	Coal Mines in	1 India				*	26
	Cargo and Bu		•••		•••		28
	Tonnage of co	oal inspected	by the Coal	Department	t	••.	26
	Government 1	requisition of		•••		•••	26
	Pulverised coa	al	•••	•••	•••	***	26
	Oil fuel	•••	•••	•••	•••	•••	26
			CHAPTI	ER VII.			
MISCELLA		_					. –
	Indian Railways' Committee				***	***	27
	Indian Railwa	ay Bridge Co	ommittee	•••	•••	•••	28
	Railway Tech Sleener Supply			***	•••	•••	29 29
	Sleeper Supply Utilisation of	y Indian Soft:	woods	• - •	***	•••	29
	Concrete Slee			•••	•••		3 0
	Aerial Ropewa		•••	•••	•••		30
	Labour Unres Increase of W	t and Strike	s	•••	404		80 80

▲ 2