

LIST OF ABBREVIATIONS

ADI	-	Ahemdabad
AGC	-	Agra Cantt.
ATP	-	Automatic Train Protection
AWS	-	Auxiliary Warning System
BCT- ADI	-	Mumbai Central – Ahemdabad
BCT- MAO	-	Mumbai Central – Madgaon (Goa)
BSP	-	Bilaspur
CAF	-	Construcciones y Auxiliar de Ferrocarriles
CBTC	-	Communication Based Train Control
CDG	-	Chandigarh
CEO	-	Chief Executive Officer
CF	-	Capital Fund
CNB	-	Kanpur
CTC	-	Centralised Train Control
CWR	-	Continuously Welded Rail
DC	-	Direct Current
DF	-	Development Fund
DFC	-	Dedicated Freight Corridor
DMI	-	Driver Machine Interface
DMU	-	Diesel Multiple Unit
DRF	-	Depreciation Reserve Fund
EDME	-	Executive Director Mechanical Engineering
EMU	-	Electric Multiple Unit
ETCS	-	European Train Control System
GBS	-	Gross Budgetary Support
GCM	-	Governing Council Meeting
HDN	-	High Density Network
HP	-	Horse Power
HSR	-	High Speed Rail
HSRC	-	High Speed Rail Corporation
HST	-	High Speed Train

HYB	-	Hyderabad
IR	-	Indian Railways
IRICEN	-	Indian Railways Institute of Civil Engineering
IRIMEE	-	Indian Railways Institute of Mechanical and Electrical Engineers
ISM	-	Interpretive Structural Modelling
JICA	-	Japan International Co-operation Agency
Km	-	Kilometre
kmph	-	Kilometre per Hour
KRCL	-	Konkan Railway Corporation Limited
LED	-	Light Emitting Diode
LHB	-	Linke Hofmann Busch
LWR	-	Long Welded Rail
MA	-	Movement Authority
MAO	-	Madgaon (Goa)
MAS	-	Chennai
MAS- HYB	-	Chennai – Hyderabad
METI	-	Ministry of Economy, Trade and Industry, Japan
MFBW	-	Mobile Flash Butt Welding
MICMAC	-	Matrice d'Impacts Croises Multiplication Appliquee a un Classement
MTRC	-	Mobile Train Radio Communications
MYS-SBC-MAS	-	Mysore-Bangalore-Chennai
NCR	-	North Central Railway
NDLS- AGC	-	New Delhi – Agra Cantt.
NDLS- CDG	-	New Delhi – Chandigarh
NDLS-CNB	-	New Delhi – Kanpur
NGP- BSP	-	Nagpur-Bilaspur
NGP- SC	-	Nagpur – Secunderabad
NR	-	Northern Railway
ORS	-	Over Riding Switch
PIB	-	Press Information Bureau
PPP	-	Public Private Partnership
RBC	-	Radio Block Centre
RDSO	-	Research Design and Standards Organisation

ROB	-	Road Over Bridge
RUB	-	Road Under Bridge
SBC	-	Bangalore
SC	-	Secunderabad
SCR	-	South Central Railway
SECR	-	South East Central railway
SEJ	-	Switch Expansion Joint
SEM	-	Structural Equation Modelling
SR	-	Southern railway
SWR	-	South Western Railway
TPWS	-	Train Protection Warning System
TWS	-	Thick Web Switch
UIC	-	Union internationale des chemins de fer (International Union of Railways)
WAP5	-	5000 HP Broad Gauge Electric Passenger Locomotive
WDP4	-	4000 HP Broad Gauge Diesel Passenger Locomotive
WR	-	Western Railway