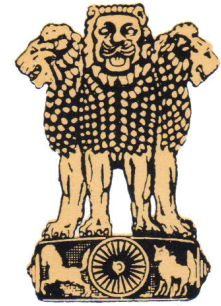


INDIAN RAILWAYS (CENTRAL RAILWAY)



5 ft. 6 in. Gauge

1954-55

Co-Co



H.P.	3600	Tractive Effort (Maximum).....	69,000 lb.
Traction Motors	6	Maximum Axleload	20.5 tons
Line Voltage	1400 D.C.	Weight in Working Order	122.2 "
Tractive Effort (Continuous) at 36 m.p.h.	39,000 lb.		

Seven 3,600 H.P. general purpose electric locomotives were built at Vulcan during 1954 and 1955 in conjunction with The English Electric Co. Ltd., for operation of both passenger and freight trains on the electrified sections, Bombay to Poona and Bombay to Igatpuri, of the Central Railway of India.

These main lines include the Ghat sections with long gradients of 1 in 37 and furthermore short sections of the line are subject to severe flooding above rail level during the monsoon season.

In design and appearance the locomotives are similar to those supplied to Brazil and Spain but in this case the line voltage is 1,400 D.C. instead of 3,000 D.C.

The more generous Indian loading gauge has also made it possible to provide rather wider gangways in the interior of the locomotive.

Other differences include sealing provision on the traction motors for flood water conditions, grease lubricated Timken roller-bearing axleboxes, and cowcatchers.

All wheel centres are of the S.C.O.A.-P. type.

V U L C A N L O C O M O T I V E S