

CHAPTER – XV COAL HANDLING PLANT AND SURFACE DESPATCH ARRANGEMENT

15.1 CHP AT SURFACE

Main incline/trunk conveyor will feed coal to the surface CHP through new elevating conveyor of 1000 mm width along with shuttle conveyor with enhanced capacity to match with underground production. The existing surface CHP comprises of one elevating conveyor, one shuttle conveyor along with five nos. of truck loading hoppers with total capacity of 625 tonnes (Each hopper capacity: 125 te.) fitted with reciprocating feeders below the hoppers. The hoppers capacity may not be possible to increase to 1000 Te. due to land constraint. However, provision of ground stock formation is prevailing at the discharge point of existing main incline conveyor. The same provision will be kept with proposed transport system. Trucks will be loaded below the hoppers or from ground stock for onward transportation of coal.

15.2 DESPATCH ARRANGEMENT

The coal will be dispatched to nearby railway siding, with the existing dispatch arrangement, by trucks for onward transportation to the customers through railway wagons. The modifications in the existing dispatch arrangement may be done as per the requirement in future.