

Design, Procurement, Erection, Testing & Commissioning of Gantry Crane (10/2 Ton, 26 M Span) at RSMS Site for Partly below ground Solid Waste Disposal Dyke.

To effectively utilise the available land at Radioactive Solid Waste Management Site for maximising the useful volume vis-a-vis disposal of solid waste a partly belowground RCC dyke has been constructed. For carrying out material handling operations a Gantry Crane is an essential Equipment. Accordingly a 10/02 Tonne, 26 mtr. Span with a Bay length of 35 mts. Outdoor duty Gantry Crane has been installed. It has a Vertical lift of 8mtrs. above ground and 5 mtrs. below ground. It consists of total 14 nos. of Gantry girders placed on the pedestals on both the sides. Very fine leveling, alignment, parallelism of the Girders including Rails has been achieved in spite undulating site. Crane is operable by Radio remote control up to a distance of 50 mtrs. as well as from Cabin control. It is also equipped with Digital Load Indicator. Provision also exists to extend long travel of Crane in future to cater to additional RCC dyke.



Fully Assembled 10/2 Tonne, 26 mtr.span outdoor duty Gantry Crane at RSMS