
(9) AMIRIPIPE RACK – EGYPT (2010) – 74 M Span Pipe rack

The pipe rack crosses one of the main branches of Alexandria – Cairo Deseret Highway. The rack has 74 m length and 4.5 m width, with two spans of 13.0 m and 8.50 m heights. Foundation is a deep type of 0.50 m diameter bored pile preferred to penetrate the moderate strength subsurface sand stone. Structure design accommodates all types of loads; dead loads, live loads, wind loads, mechanical / operation loads and earthquake forces.

