



Crane Lifts



The use of cranes to lift and set equipments is probably the most preferred option by any project team. This is of course after due consideration has been given to crane access, assembly time, suitability of crane pads, obstructions during lifting among other things.

All critical lifts require a lift plan . Critical does not necessary mean the load is just heavy . A column weighing 105T being lifted at a radius of 7. 5m is as critical as a stack piece weighing 16T being lifted at a radius of 27m. Therefore , the parameters lift weight and lift radius must both be considered in classifying a lift as critical. Lifts using more than one crane are usually classified as critical.

The picture shown at right is a 260T generator being lifted to the runway beams by a 450T Demag CC2400 crane in superlift configuration. The lift plan and procedure was done by MOFS Engineering.

Cranemats were used to provide better bearing support for the crane. This solution saved the client a day compared to the original scheme of jacking the generator up in stages from the top of the runway.

This shows that even with an already accepted method, MOF Subic has proven to be versatile in adapting to what is readily available at site providing value service to all our clients.