

Cold Box Erection, A. H. G. Dammam, Saudi Arabia

Client: Abdullah Hashim Gases

Lifting Contractor: Almajdouie - Fagioli PSC



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PETROCHEM 10



provided by a crane. A spreader beam connected opposing lifting lugs at the top of the cold box, which in turn was connected to a Fagioli PSC fixed anchor housing, incorporating a swivel arrangement to allow rotation of the box before being lowered onto its permanent foundations.



Above: Fixed anchor housing with swivel and spreader beam arrangement.



Right: Vessel connection detail.

Abdullah Hashim Gases awarded the contract to lift a 50 metre long, 200 tonne Cold Box to Almajdouie-Fagioli PSC, the joint venture company set up in 1998 to formalise collaboration on projects in the Middle East region. This project, the third cold box to be lifted by Fagioli PSC in an 18 month period during 1998 and 1999, again utilised Fagioli PSC's proprietary Tower Lift system. Two 56 metre unguyed triangular format towers with one L300 Strand Jack mounted on a cross head beam, completed the lift with tailing