

Rapidshor Tables

Introduction

Rapidshor may be used in crane handled table applications. Take the following measures during design and indicate the requirements of this TI sheet clearly on the scheme drawing.

1.0 Lifting Points

Show the lifting equipment attached around the Rapidshor Standards immediately beneath a node having Rapidshor Ledgers attached.

Do not attach the lifting equipment to the soffit formwork or the head jacks.

2.0 Stability

Check the ability of the assembly to span vertically between the lifting points and introduce additional Rapidshor Braces where required.

If the lifting equipment consists of inclined chains, check the affect of the compressive forces generated in the Rapidshor ledgers during the lift. Add tube and fitting plan braces if necessary.

Check the rotational stability of the table in flight.

3.0 Joint Sleeves and Omega Clips

Non open-ended Rapidshor Standards have an integral Joint Sleeve secured to one end of the standard with a Rapidshor Omega Clip.

Where Rapidshor is to be crane handled, join adjacent standards together by adding a second Rapidshor Omega Clip to the joint sleeve. This operation needs to be done with the progress of erection otherwise the holes in the sleeve and the standard will be unlikely to line up.

4.0 Base Jacks

The common way to secure the base jacks into the standards of such tables during lifting is to use radial slices cut from a tyre inner tube. These need to be placed over the base lift ledgers during erection and are used to bungee the jack handles to the bottom ledgers prior to crane handling.

The Spring Retainer within the Rapidshor Jack is used to join the unit to Rapidshor Heads and Bases during non-crane handled applications and prevents the jack stem from rotating during the stripping operation.

Where Rapidshor falsework or tables are to be crane handled, replace the Spring Retainers in the Rapidshor Base Jacks with M12x 80 bolts with Nylok Nuts. This operation will need to be carried out by the Branch prior to dispatch of the equipment and reversed by the Branch during return as special tools are required.