



TANDEM LIFTING

Tandem lifting activities should always be properly planned as mandated by LOLER and in accordance with M&EE COP 0008



"In order to maintain stability during tandem lifting the normal safe working load of each excavator crane for the required duty and operating radius shall be not less than the calculated share of the load to be handled by the excavator cranes during the operation plus 50%".

1. Calculate the load that will be taken by each RRV excavator crane.

2. Add 50% on to the calculated load, this is the "lift load"

3. Check the load lifting chart of each RRV excavator crane to ensure it can lift the "lift load" at all potential radii and all potential boom and machine configurations

Taking into account the 50% rating, many of the RRVs in the industry will not be able to tandem lift a 60 foot panel from or to adjacent lines

Only planned lifts should be carried out