

**C I R C U L A R - 110****Date:** July 20, 2008**Ref:** ZADC/HSE/AAZ/fa-23**TO: ALL CONSULTANTS / CONTRACTORS**

Dear Sir,

**SUBJECT: TOWER CRANE SAFETY REQUIREMENTS**

With reference to above subject, please be informed that in order to ensure the safety of tower crane, the following requirements shall be complied with prior to erection of tower cranes at project sites.

- 1) Structural drawings of all tower crane RCC foundations, Structural calculations and crane layouts shall be approved and stamped by consultant.
- 2) The loads should not cross beyond plot limit during lifting operations.
- 3) Suitable and sufficient safety precautions should be taken to prevent collision, if there is an overlapping of booms.
- 4) Suitable and sufficient safety precautions shall be taken to prevent damage to existing neighboring structures/services during erection, use and dismantling cranes.
- 5) Coordinated with the neighboring plot developers and agreed in writing if the tower crane boom without load need to cross beyond the plot limit during lifting operations.
- 6) Tower cranes shall be tested and certified by approved third party before use.
- 7) Third party certified competent crane operators with adequate knowledge, experience and training.
- 8) Third party certified competent riggers with adequate knowledge, experience and training.

The above safety requirements should be complied with to prevent disaster result from tower crane accidents.

If in case of any further clarification, please do not hesitate to contact our customer care on **04- 390 05 00/ 04- 390 07 04/ 04- 390 05 01/ 04- 364 20 85.**

The above is for your information, records and further necessary action.

For, and on behalf of  
**DUBAI TECHNOLOGY AND MEDIA  
FREE ZONE AUTHORITY – DTMFZA**

**Cc: ZADC**