

WIND



“When the Wind Blows”

When looking at the actual or potential causes of lifting accidents, the power of wind is often underestimated or neglected. The effects of wind on cranes can be both direct and indirect.

Direct Effect:

Threatens cranes stability; exerts additional forces affecting structural integrity.

Indirect Effect:

Swinging load on hook inducing shock loads and unexpected changes of radius.

Both effects lead to operation outside design limits, structural failure, overturning, risk of falling objects and hence injury and death.

Factors that play a part with wind stability on a crane:

- ▲ Height
- ▲ Load size & shape
- ▲ Negligence
- ▲ Crane structure
- ▲ Terrain
- ▲ Inactivity



In cases of negligence there is a risk to life!

ROBWAY has a number of solution options to assist you reduce the impact of Wind.

Contact Robway for assistance

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