

BEAUFORT SCALE

CONSTRUCTION SAFETY



WORKING IN THE WIND



SAFETY PRECAUTIONS

Safety glasses should be worn to protect against dust and foreign particles.

Hard hats should be worn and securely fastened.

Loose materials should be secured and tools packed up safely when not in use.

Workers at elevations above 1m should exercise caution. Use extreme care when picking up large sections of plywood or similar flat materials. Tag lines should be used when hoisting loads with large flat surfaces that can act as a sail.

Hoisting equipment and mobile access equipment should not be used unless approved by safety manager. Follow manufacturer's guidelines on the max wind speed at which MEWP can be safely operated.

No working at heights including roofs and scaffolding.

Crane operation should cease and cranes be secured and / or dismantled.

Exercise caution when working near partially built walls and structures. Check that structures are braced and well supported

Secure roofing sheets, cones, bollards and any other equipment.

Canopies / tents should be dismantled



NO WORKING AT HEIGHTS BEYOND THIS POINT



ALL WORK TO BE CEASED BEYOND THIS POINT

| WIND SPEED / ANEOMETER READING | | | |
|--------------------------------|-------|-----------------|--|
| FORCE | KM/H | DESCRIPTION | EFFECT ON LAND |
| 0 | <1 | Calm | Smoke rises vertically; Wind vains still |
| 1 | 1-5 | Light Air | Smoke drift indicates wind direction; Wind vains still |
| 2 | 6-11 | Light Breeze | Leaves rustle; Wind felt on face; Wind vanes moved by wind |
| 3 | 12-19 | Gentle Breeze | Leaves and twigs constantly moving; Light flags extended |
| 4 | 20-29 | Moderate Breeze | Dust and loose paper raised; Small branches move |
| 5 | 30-38 | Fresh Breeze | Large branches move; Small trees with leaves begin to sway <i>Wind can lift scrap metal & carry it as far out as the height from which it came.</i> |
| 6 | 39-50 | Strong Breeze | Larger tree branches moving; Phone lines whistle; Empty plastic bins can blow over <i>Wind gusts can throw you off balance</i> |
| NO WORKING AT HEIGHTS | 7 | Near Gale | Whole trees moving; Wind is difficult to walk against |
| | 8 | Gale | Twigs break off trees; Wind is difficult to walk against; Cars veer on road; Construction signs & barricades blow over |
| NO WORKING OUTDOORS | 9 | Strong Gale | Larger branches break off trees; Minor damage to buildings; Shingles & slates torn off roofs |
| | 10 | Storm | Trees uprooted; considerable structural damage to buidlings |
| | 11 | Violent Storm | Widespread damage |
| | 12 | Hurricane | Widespread damage |