

SAFETY INFORMATION

ANEMOMETER MUNRO TYPE 2

Introduction

In a recent incident an anemometer RW Munro Type 2 fell approximately 200feet from the topmost point of a Liebherr 154-EC onto the concrete podium deck below.

The anemometer closely missed a Steel erector who was working close to the mast at the foot of the tower crane.

Wind speed at the time of the incident was gusts of up to 35mph.

Investigation

On investigation it was found that the thread on the 2" BSP stud which the anemometer was fitted to was in good condition and that if the anemometer had been bottomed out it would not have been possible for the unit to rotate sufficiently for it to unthread itself and fall off.

The RW Munro Type 2 was dismantled and examined by the manufacturers to try and ascertain any possible causes for the unit to have fallen off the post. They were unable to determine the cause.

There is insufficient evidence as to exactly how the anemometer was able to fall from the angle bracket.

Recommendations

The following actions were recommended and all have been completed;

1. All anemometers to be immediately inspected to ensure that they are securely attached to angle brackets.
2. Mounting system to be replaced with a bracket which allows for a visible inspection to be undertaken to ensure that the anemometer is fully bottomed out.
3. A locking system to be fitted to all anemometers to prevent rotation on the threaded mounting bracket.

The following photographs show the new bracket and locking strap fitted to all Munro MK2 anemometers;

