

Balloon Drop Liberty / 04.02.15 / Method & Risk



OUR COMPANY DETAILS

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Contact: Joe Ridley

Description of Effect:

Light weight nets filled with 1000 latex balloons.

The net will be chain stitched with 50lb Nylon Line to release balloons and supported with 1 x 500lb nylon line.

Weight of net & balloons:

40ft Nylon net - 421g

Weight of 1000 x 11" balloons - 3630g

Inflating Balloons

All latex balloons will be filled with air using Air Force 4 electric inflators. The balloons will be hand tied.

We will stretch the unfilled net between the pillars at ground level. We will air fill the balloons and drop them into the net, when the net is full we will chain stitch it.

Hazard:

Air filling balloons with electric inflator and balloons bursting.

Tripping over balloons already inflated.

Hazard to Whom: Employees & Crew (whilst installing the balloons)

Precautions:

The balloons are held at arms length whilst inflating and not inflated to their full capacity.

The balloons are light and bouncy when inflated so it is unlikely anybody will trip on an inflated balloon.

The balloons will be inflated between 6pm and 8pm, it will take 2 hours to inflate the balloons and 1 hour to rig the net & pull strings.

Risk Evaluation: LOW

Balloons Falling

The balloons and net are extremely light and supported with strong 500lb nylon line, any debris falling at the time of the drop is almost weightless. The balloons are released using light 50lb line which opens the bottom of the net.



Risk Evaluation: LOW

Hanging the Filled Net

The full net with balloons will be lifted using a supplied scissor lift and we will wear a harness if required. The net will be supported between the 2 pillars in the shopping centre.

The lighter 50lb pull lines will be funnelled back to the control point through smooth trussing areas and pick up points suspended from the lighting bars.

Hazard:

Working on ladders, scaffolding etc.

Hazard to Whom: Employees & Crew (whilst installing the balloons)

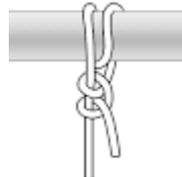
Precautions:

Ladders are footed at all times and harness worn above 10 metres.

We will use ladders to attach the pull strings to areas away from the general public. Balloon crew staff will foot the ladders and make sure the general public are kept away from the area.

The main net and balloons will be tied to the pillars with 500lb nylon line.

Knot - Round turn and 2 half hitches



Inspection of Equipment:

All inflation equipment, will be tested before the installation. Spare air inflators will be available in the result of any failing.

Policy Statement:

The most important aspect of any event is SAFETY. All necessary steps will be taken to ensure the safety and comfort of all those involved (including public, employees and crew).

balloon.co.uk reserves the right at all times to refuse to install balloons or part thereof if the onsite team deems it to be unsafe, this position must not at anytime be compromised.