

Technical Guidelines  
for  
Suspensions from hall ceiling  
- Messezentrum Salzburg  
- Messe Wien

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2023

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STAND<sup>OUT</sup>  
be visible

# Technical Guidelines

All suspensions and modified constructions are to be carried out in accordance with the employer's liability insurance association regulations and general rules of technology and must be observed in accordance with the following rules and regulations:

- DGUV Regulation 1
- DGUV Regulation 17/18 (incl. DGUV Rule 115-002)
- DGUV Regulation 54
- DGUV Information 215-313
- igvw SQ P1/P2

The current version of the information in the above-mentioned regulations and rules must be viewed and implemented independently. As follows a summary and an overview of the most important information out of all.

All suspension points are provided exclusively by Standout GmbH, specifying the loads and type of suspension. This also applies to changes to these constructions. The suspension points need to be ordered using a form in our online shop. It must contain the following information:

- **Position** of the suspension points or the system to be suspended: dimensioned sketch
- Clear **Alignment** of the exhibition stand (e.g. by specifying the neighboring stands)
- **Weight**: load per point

In the case of complex systems, a load plan of the total, individual and line loads must be enclosed.

We keep the right to request a static calculation of the suspension points planned by us at the cost of the customer. Contact to austrian civil engineers will be provided.

In addition, load measurement and monitoring may be requested. The costs incurred will be passed on to the exhibitor.

- **Height**: transfer height of the suspension point
- Assembly Aids: manual / electric chain hoists

# Overview

| Messezentrum Salzburg   | Messe Wien  |
|---|---|
| <p><u>Hall 1</u><br/>max.height 8.1m depending on the position</p>  | <p><u>Hall A/C</u><br/>maximum suspension height: 10 m<br/>depending on the position</p>  |
| <p><u>Hall 2-6 &amp; 3-5</u><br/>max. height 6.4m depending on position<br/>only vertical loading of the specified<br/>suspension points possible</p> | <p><u>Hall B</u><br/>maximum suspension height: 8,3 m – depending<br/>on the position<br/>We recommend a max. HP height of 6m to avoid<br/>pre-rigs and additional costs</p>                              |
| <p><u>Hall 4</u><br/>max.height 5.5m depending on the position</p>  | <p><u>Hall D</u><br/>maximum suspension height: 11,5 m</p>  |
| <p><u>Hall 7-9</u><br/>max.height 5.5m depending on the position</p>  | <p><u>MCC</u><br/>max. suspension height: 7.4 m<br/>only vertical loading of the specified<br/>suspension points possible<br/>No truss stretch must interfere with the<br/>descent of a fire curtain.</p> |
| <p><u>Hall 10</u><br/>max.height 7m depending on the position<br/>Hall part D max. 8m</p>   | <p>&gt; Detailed information on the maximum loads<br/>on the suspension points must be obtained<br/>from Standout GmbH.</p>   |
| <p><u>Arena</u><br/>max.height 12m depending on the position<br/>only vertical loading of the specified<br/>suspension points possible</p>            | <p><a href="mailto:rigging@standout.eu">rigging@standout.eu</a></p>   |

## Permitted lifting equipment:

The provided equipment used must be specified when ordering the suspension points and the nominal loads must be observed by the manufacturer.

A test must be proven in accordance with the above-mentioned regulations and, if requested, be able to be presented on site.

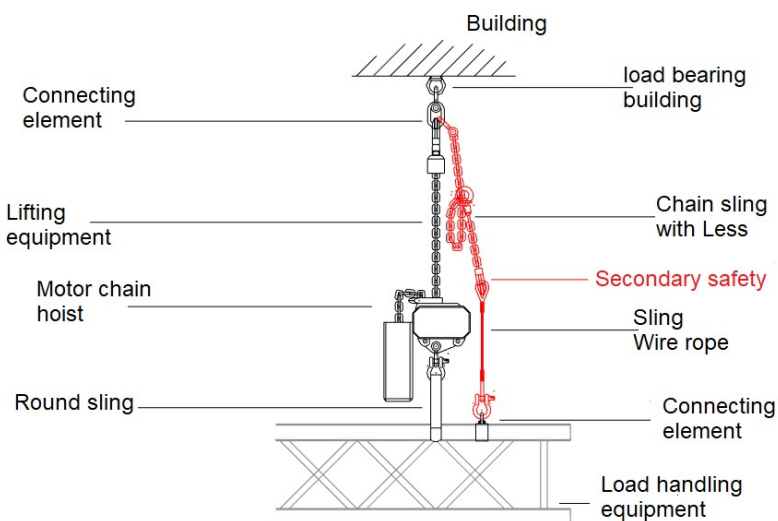
In order to avoid overloading the suspension points or damaging to the material, the suspended system must be moved horizontally.

> one person per hand chain hoist

We reserve the right to impose the use of electric chain hoists if a connected system needs to be lifted which needs more than 4 suspension points.

The manual chain hoist must either be replaced with a suitable sling or secured after the work has been completed. (Secondary securing without falling path)

When using D8 motors electric chain hoists, after terminating the load movement, a secondary safeguard must be installed and the power supply to the chain hoist must be cut off. The applied secondary safeguards may not allow any drop.



### Securing work:

Unless otherwise ordered, the required secondary fuses are provided with the suspension point.

Unless otherwise communicated, the securing and releasing work is carried out by qualified labor at the respective location and will be invoiced according to the actual costs incurred.

All securing work must be carried out by 12:00 p.m. on the day before the start of the event at the latest in order to be able to guarantee acceptance by the structural engineer.

Unless otherwise communicated, the unlocking takes place immediately after the end of the event. The aisles of the exhibition must be kept free for this.

### Permitted means of support:

Those authorized to produce are to be owned and must take care of them. The dimensioning of the lifting equipment visual rights DGUV Information 215-313. (WLL and minimum breaking force determined)

### Chains:

Short-link chains, sling chains according to DIN EN 818 (quality class 8)



### Hooks:

Only hooks with a safety lock may be used. Any open hooks are not allowed.



### Permitted slings and rope end connections:

The specifications given by the manufacturer must be observed and marked accordingly.

### Rope end connector / wire rope holder:

Wire rope holders are only valid with a marked approval and may only be statically loaded.



## Slings:

### Wire rope:

The lifting gear must be dimensioned for the corresponding load. The rope ends must be thimble. 100% coating is not permitted.

### Round sling and Steelflex:

Every polyester round sling must be secured with a wire rope. Round slings with steel inserts, so-called Steelflex, do not require over-protection.



### Asymmetric wedge socket / rope lock:

in accordance with the requirements of DIN EN 13411 -6/-7

### Allowed connections:

- Truss-Adapter



- O-ring



- Screwable snap link



- Shackles



- Clamps



### Secondary fuses and safeties:

Floodlights, loudspeakers, monitors, etc. must be additionally fitted with a second, independent safety rope (secondary safeguard). The dimensioning of the fuses must be selected accordingly. The applied safety ropes may not allow any drop of more than 20cm.

### NOT ALLOWED:

- any lifting accessories / connecting links without marking / approval
- Cable ties without secondary security
- open hooks, S-hooks
- snap links
- rope clamps
- long-link chains
- textile ropes

### DEADLINES:

Suspension points must be ordered not later than 6 weeks prior to the first day of build-up of the show/ event. In case the suspension points are requested at a later stage than this, the fulfilment can be refused. If a fulfilment is still possible a 25% surcharge will apply.