

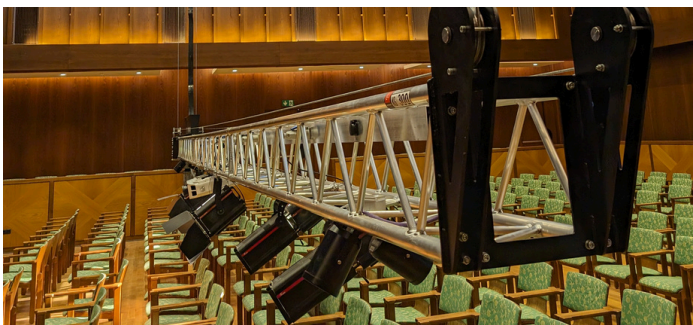
# INSPECTIONS AND CHECKS OF STAGE SYSTEMS

## WHAT REALLY NEEDS TO BE CHECKED IN PRACTICE

The safety and reliability of a stage system do not depend only on its design or age, but above all on how it is monitored over time.

In practice, many technical problems do not arise from sudden failures, but from worn components, incorrect adjustments or the absence of systematic inspections.

For this reason, regular checks and inspections are among the most effective tools to ensure the proper functioning of stage systems.



## WHAT DOES IT MEAN TO INSPECT A STAGE SYSTEM?

A technical check is not limited to a general visual inspection.

It includes a series of specific activities, such as:

- checking the wear condition of ropes, chains and mechanical components
- inspecting lifting and movement systems
- verifying safety devices and emergency stop functions
- checking control systems and their operating logic
- inspecting electrical panels and connections

These activities make it possible to detect irregularities that, over time, may compromise the safety and reliability of the system.

### The role of inspections

In addition to routine checks, technical inspections play a key role.

They are used to assess the overall condition of the system and to verify whether the actual use is still consistent with its technical configuration.

Inspections are particularly important:

- after technical modifications or interventions
- in case of intensive use
- when documentation is not up to date
- in the presence of anomalies or unusual behaviour

An inspection provides a comprehensive overview and helps plan any necessary interventions in a targeted way.

### Practical experience and recurring issues

From experience in maintaining numerous stage systems, several recurring issues can be identified:

- worn components still in operation
- outdated control systems
- incomplete technical documentation
- differences between actual use and original system configuration

These aspects do not always represent an immediate risk, but over time they can lead to problems if not properly addressed.

### Prevention and efficiency

Checks and inspections are not only important for safety, but also improve the technical management of the theatre:

- reduction of unexpected failures
- increased reliability of the systems
- improved maintenance planning
- reduced long-term costs

A preventive approach allows targeted interventions and avoids more complex emergency repairs.

**Next topic:** *Stage lifting systems in theatres – operation, components and technical differences.*