



EXPERT INSPECTION · EN 15635

Racking inspection report

DC München-Freimann

Prepared for Kranholm Logistik GmbH

Am Lagerhof 7, 80939 München

Inspection date	Thursday, 23 October 2025
Time on site	07:48 – 13:52 (Europe/Berlin)
Inspection type	Expert inspection
Inspector	Markus Brandt
Credentials	Rack inspection course, 1-day, certificate on file (demo credential)
Report number	RPT-2025-0131
Report language	English
Rule pack	en15635-demo · v0.1.0-demo · Demo
Software	RackApp 0.9.0 · template 1.2
Pages	10
Status	Signed 23 Oct 2025, 14:06

FINDINGS BY CLASS



1

Red – immediate action



4

Amber – action needed



3

Green – monitor

70_{/72}

bays inspected
2 not inspected

Demo rule pack: the limits behind this report are placeholders and must not be used for a real inspection.



RPT-2025-0131 SHA-256 ac56d2a4...1f23 verify.rackapp.example/r/RPT-2025-0131

Prepared by Markus Brandt (Lastwerk Regalprüfung GmbH) with the RackApp software; every classification is the inspector's professional judgement; thresholds: en15635-demo v0.1.0-demo; the software itself does not inspect or certify any equipment.

1 Executive summary

On 23 Oct 2025, 70 of 72 bays at DC München-Freimann were inspected and 8 findings were recorded.

 1 Red — immediate action	 4 Amber — action needed	 3 Green — monitor	70/72 bays inspected 2 not inspected
--	---	---	---

RED ITEMS: IMMEDIATE ACTION

 **F1 · E-02 · L0 · left** Base plate — Missing part
PRSES informed: Julia Hoffmann, 11:07

EARLIER ITEMS PAST THEIR DUE DATE

No item from the previous report was past its due date.

2 Scope and limitations

The inspection covered the equipment listed below. Its results are limited as follows:

- Visual inspection from floor level; no elevated access equipment was used.
- No load tests, material tests or structural calculations were carried out.
- Areas hidden by stored goods, wrapping or obstructions were not inspected.
- Load capacities were not assessed; the load notices and the supplier's documentation remain the reference.
- Equipment outside the agreed scope (for example mobile racking drives or mezzanine structures) was not inspected.

Rows in scope	All rows (A–F)
Equipment	Adjustable pallet racking · Ferrostak (demo) · installed 2018 · load notice LN-2018-04



QUESTIONS BEFORE THE WALK

Has the racking configuration changed since the last inspection?	No	EN 15635 · 10
Are load notices present, legible and matching the configuration?	Yes	EN 15635 · 8.1.2
Is the PRSES named and available today?	Yes	EN 15635 · 8.1.1
Any access limitations today?	Yes	EN 15635 · 9.4

Note: Rows F-11 and F-12 blocked by a goods-in buffer.

3 Method

This was a visual inspection by a competent inspector, walking the site bay by bay from floor level, along the lines of the inspection arrangements referred to in EN 15635, 9.4. For every damaged part the inspector recorded its location, the component, the kind of damage, photographs and, where the damage can be measured, the measured value.

Each finding was placed in one of three classes (green, amber, red), following the approach to damage classification in EN 15635, 9.5. Where the active rule pack holds a limit, the app compared the measured value with it and suggested a class; where it holds none, the inspector classified the finding by judgement, and the report says so. Beam deformation was assessed with reference to EN 15635, 9.6.

The inspector confirmed or changed every suggested class, and each change is listed with its reason. Limits are data entered by the organisation from its own copy of the standard and the manufacturer's information; the software does not supply them.



4 Findings

Location: bay · beam level (L0 = floor) · side, seen from the aisle. Limits come from the rule pack named on the cover.

! Red – immediate action

1 finding

LOCATION	COMPONENT · DAMAGE	MEASURED	LIMIT USED	CLASS · DUE	PHOTOS
F1 E-02 L0 · left	Base plate Missing part	—	Immediate red condition baseplate.missing EN 15635 · 9.5	! Red due at once	

Observation Base plate missing under front left upright; upright standing on the slab.

Action Offload the affected bay at once and isolate the area. Do not reload until the damaged component has been replaced and a competent person has re-checked the installation.

PRSES informed Julia Hoffmann, 11:07

! Amber – action needed

4 findings

LOCATION	COMPONENT · DAMAGE	MEASURED	LIMIT USED	CLASS · DUE	PHOTOS
F2 A-07 L2 · right	Beam connector Bend or bow	—	<i>Inspector judgement</i>	! Amber due 20 Nov 2025	

Observation Connector hooks deformed; beam still seated. Repeat impact zone.

Action Offload and do not reload until repaired. Replace the damaged component with a part specified by the manufacturer by the due date; if it is not repaired by then, treat it as red.

F3 B-04 L3 · right	Safety lock Missing safety lock	—	<i>Inspector judgement</i>	! Amber due 20 Nov 2025	
---------------------------------	---	---	----------------------------	-----------------------------------	---

Observation Safety lock missing on right connector.

Action Offload and do not reload until repaired. Replace the damaged component with a part specified by the manufacturer by the due date; if it is not repaired by then, treat it as red.



! Amber — action needed (continued)

4 findings

LOCATION	COMPONENT · DAMAGE	MEASURED	LIMIT USED	CLASS · DUE	PHOTOS
F4 E-09 L1 · right	Upright Bend or bow Down-aisle · front face	2.8 mm bow over 1 m	999 mm (demo) upright.bow.axisA EN 15635 · 9.5	Amber due 20 Nov 2025	

Action Offload and do not reload until repaired. Replace the damaged component with a part specified by the manufacturer by the due date; if it is not repaired by then, treat it as red.

Override suggested Green → set Amber: combined damage — Bend sits at a bracing node; combined damage.

F5 F-06 L0 · right	Floor anchor Loose or missing anchor	—	<i>Inspector judgement</i>	Amber due 20 Nov 2025	
---------------------------------	--	---	----------------------------	---------------------------------	---

Observation Anchor missing at rear right base plate.

Action Offload and do not reload until repaired. Replace the damaged component with a part specified by the manufacturer by the due date; if it is not repaired by then, treat it as red.

✓ Green — monitor

3 findings

LOCATION	COMPONENT · DAMAGE	MEASURED	LIMIT USED	CLASS · DUE	PHOTOS
F6 A-11 L1 · left	Upright Bend or bow Cross-aisle · side face	1.1 mm bow over 1 m	999 mm (demo) upright.bow.axisB EN 15635 · 9.5	Green no due date	

Action Record and monitor. Re-check at the next inspection.

F7 C-12 L0 · left	Upright protector Dent	—	<i>Inspector judgement</i>	Green no due date	
--------------------------------	----------------------------------	---	----------------------------	-----------------------------	---

Observation Upright protector dented; upright behind it undamaged.

Action Record and monitor. Re-check at the next inspection.

F8 D-10 L2 · right	Bracing Bend or bow	1.4 mm bow over 1 m	999 mm (demo) bracing.bow EN 15635 · 9.5	Green no due date	
---------------------------------	-------------------------------	-------------------------------	---	-----------------------------	--

Action Record and monitor. Re-check at the next inspection.



RPT-2025-0131 SHA-256 ac56d2a4...1f23 verify.rackapp.example/r/RPT-2025-0131

Prepared by Markus Brandt (Lastwerk Regalprüfung GmbH) with the RackApp software; every classification is the inspector's professional judgement; thresholds: en15635-demo v0.1.0-demo; the software itself does not inspect or certify any equipment.

5 Inspected without findings

No damage was recorded in these bays on the day of the inspection. This describes what was seen then; it says nothing about their condition at any other time.

Row A	10 bays	A-01-A-06, A-08-A-10, A-12
Row B	11 bays	B-01-B-03, B-05-B-12
Row C	11 bays	C-01-C-11
Row D	11 bays	D-01-D-09, D-11-D-12
Row E	10 bays	E-01, E-03-E-08, E-10-E-12
Row F	9 bays	F-01-F-05, F-07-F-10

6 Not inspected

These bays were not inspected. Have them inspected as soon as access allows.

BAYS	REASON
F-11-F-12	Blocked by stored goods

7 Status of previous findings

Items carried over from report RPT-2024-0087 of 24 Oct 2024, and what this inspection found.

BAY · LEVEL	COMPONENT	PREVIOUS CLASS	RE-CHECK	THIS INSPECTION
A-07 · L2	Beam connector	✔ Green	Worse	⚠ Amber · F2
B-09 · L1	Upright	✔ Green	Fixed	—
C-03 · L3	Safety lock	⚠ Amber	Fixed	—
D-10 · L2	Bracing	✔ Green	Still present	✔ Green · F8
E-04 · L0	Upright protector	✔ Green	Fixed	—
F-01 · L0	Floor anchor	⚠ Amber	Fixed	—



8 Recommendations

- Fit or renew upright protectors at bays with repeated impact damage: A-07, D-10.
- Keep load notices fitted, legible and matching the current configuration at every run.
- Brief truck drivers and warehouse staff to report every impact or visible damage to the PRSES at once, and to keep damaged bays empty until they have been assessed.
- Between expert inspections, keep up regular visual checks by trained warehouse staff (EN 15635, 9.4).

9 Next inspection

Next expert inspection due by **Friday, 23 October 2026**

Amber items must be repaired by their due dates and red items before the bay is loaded again; neither waits for the next inspection.

10 Signatures

INSPECTOR



Markus Brandt

Rack inspection course, 1-day, certificate on file (demo credential)

Signed 23 Oct 2025, 14:06

Signing in RackApp locks the report; corrections are issued as addenda.

CLIENT ACKNOWLEDGEMENT



Julia Hoffmann

Signed 23 Oct 2025, 14:06

The client's signature confirms receipt of this report only. It does not confirm or change the inspector's assessment.

ADDENDA

Issued after signing. The signed report above is unchanged.

26 Oct 2025, 10:20 · Markus Brandt

Correction: finding E-09 is on the front right upright, not front left. Classification unchanged.

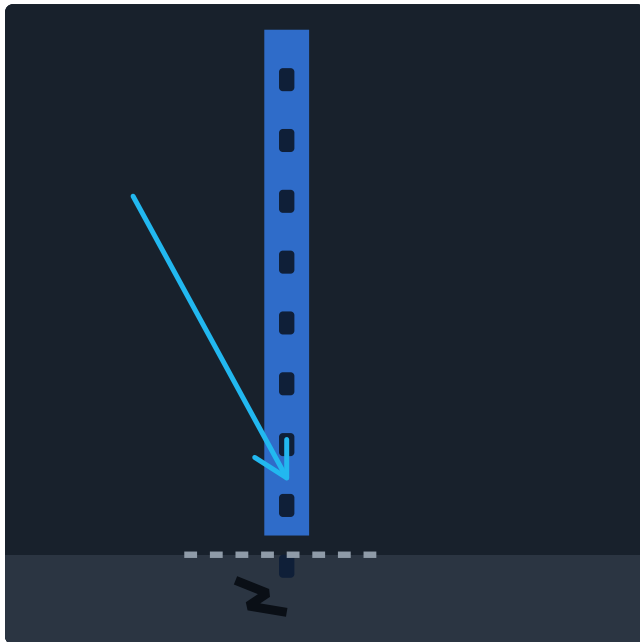


RPT-2025-0131 SHA-256 ac56d2a4...1f23 verify.rackapp.example/r/RPT-2025-0131

Prepared by Markus Brandt (Lastwerk Regalprüfung GmbH) with the RackApp software; every classification is the inspector's professional judgement; thresholds: en15635-demo v0.1.0-demo; the software itself does not inspect or certify any equipment.

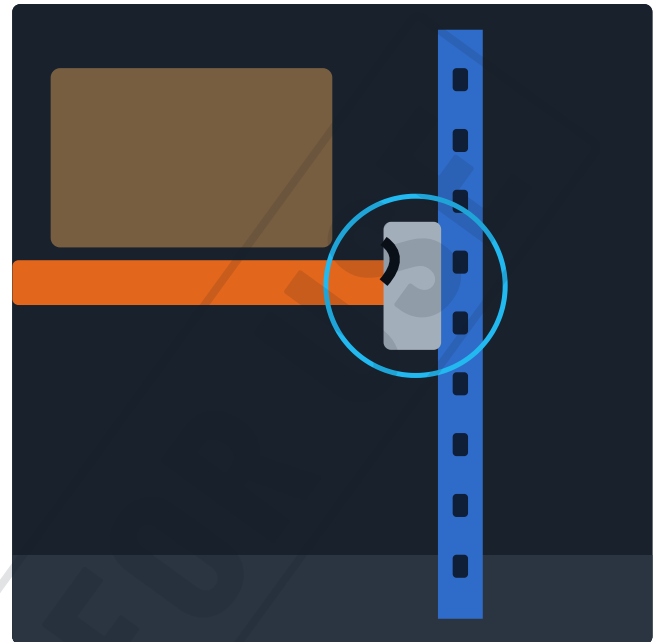
Appendix A · Photographs

Circles and arrows were added by the inspector. In this demo, drawings stand in for site photos.



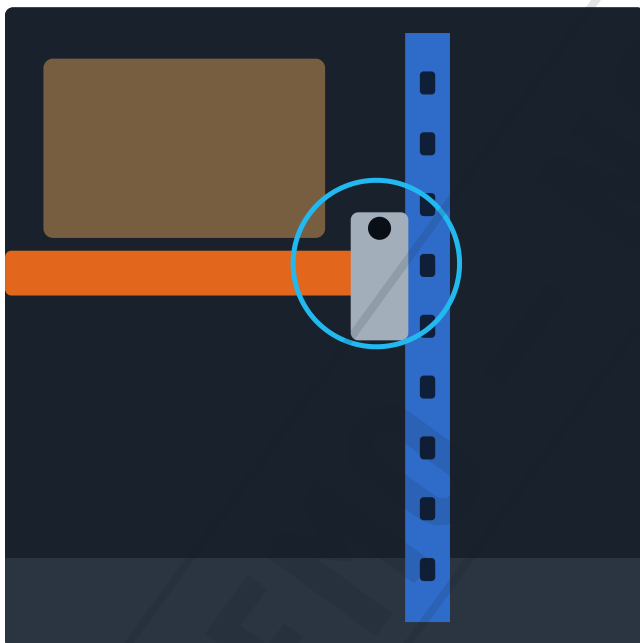
F1 · E-02 · L0 · left
Base plate — Missing part

! Red



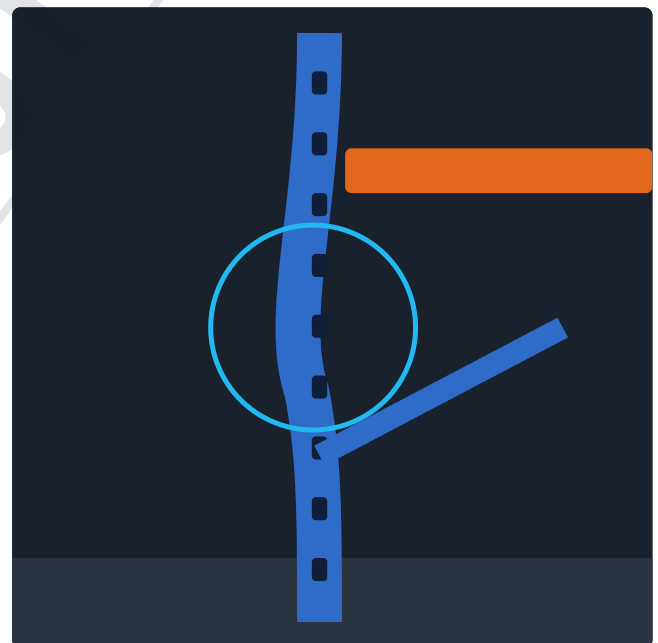
F2 · A-07 · L2 · right
Beam connector — Bend or bow

! Amber



F3 · B-04 · L3 · right
Safety lock — Missing safety lock

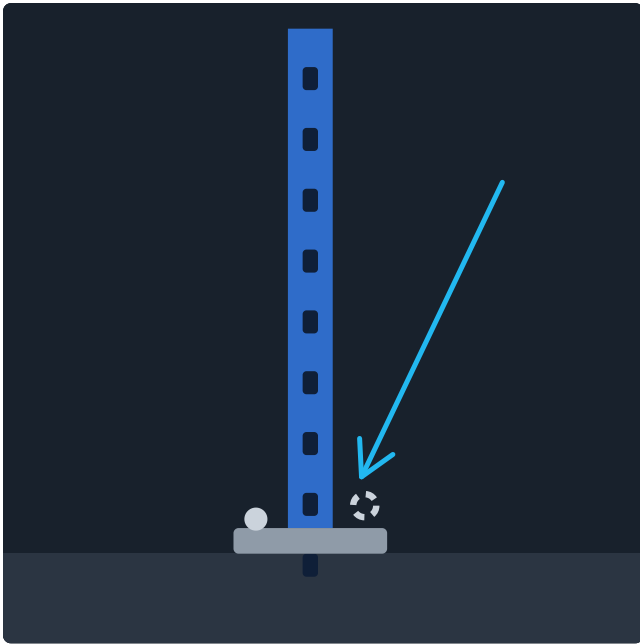
! Amber



F4 · E-09 · L1 · right
Upright — Bend or bow · Down-aisle · front face

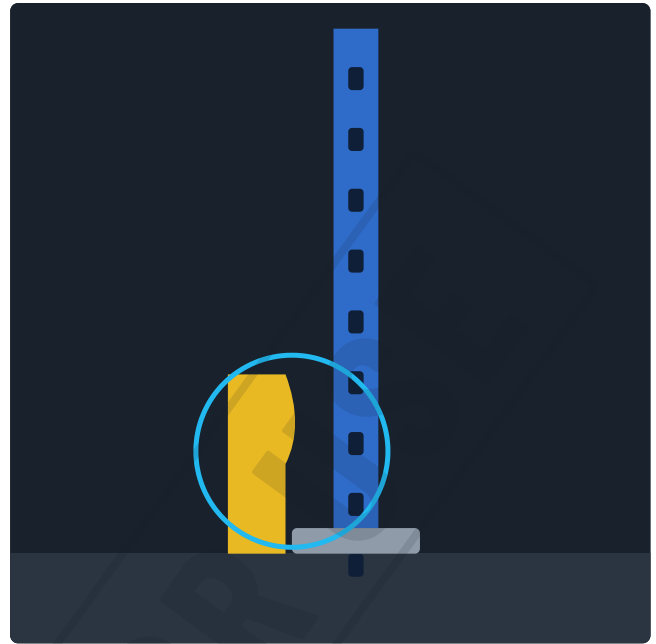
! Amber





F5 · F-06 · L0 · right
Floor anchor — Loose or missing anchor

⚠ **Amber**



F7 · C-12 · L0 · left
Upright protector — Dent

✓ **Green**



Appendix B · Glossary

Short explanations, in our own words, of terms used in this report.

Upright	Vertical member of a frame; it carries the beams and takes the load down to the floor.
Beam	Horizontal member spanning between two frames; pallets or goods rest on it.
Beam connector	Bracket at each end of a beam; its hooks engage the holes in the upright.
Safety lock	Pin or clip in the connector that stops the beam from being lifted out by accident.
Bracing	Diagonal and horizontal members that join the two uprights of a frame and keep it stiff.
Base plate	Plate at the foot of an upright that spreads the load onto the floor.
Floor anchor	Bolt that fixes the base plate to the floor slab.
Bay	Storage space between two neighbouring frames; this report names each bay with a code such as A-07.
PRSES	The person appointed by the user of the racking to be responsible for the safety of the storage equipment.
 Green	Damage within the limit used: record it and re-check it at the next inspection.
 Amber	Damage that needs action: unload and repair it by the due date, otherwise treat it as red.
 Red	Serious damage: unload and isolate the area at once and keep it out of use until repaired.

