

Accident prevention regulations inspection by qualified technician with registered certificate

After a fall or decommissioning, the device must be subjected to a detailed accident prevention regulations inspection by an authorised qualified technician.

At intervals set by the operating company, but at least every 12 months, the device shall be subjected to a detailed accident prevention regulations inspection by an authorised qualified technician.

The accident prevention regulations inspection is carried out according to the manufacturer's specifications. The safety instructions of the maintenance manual must be observed.

Only original manufacturer parts are permitted for replacing components.

Damaged or corroded fall indicator components must be replaced by new original parts from the manufacturer.

Repairing components of this module is strictly prohibited.

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

		OK	Rep.	n/a
1 Base plate				
1.1	Welds	No cracks	X	
1.2	Anti-slip segments	Secure / undamaged / complete	X	
1.3	4x crane stops	Undamaged / secure	X	
2 Swivel head				
2.1	Pivot bearing	Smooth / free of play	X	
2.2	Pivot bearing seal	Secure / undamaged	X	
2.3	Turn lock	Smooth / functional / straight	X	
2.4	Swivel head bolts	Straight / parallel to the plate	X	
2.5	Welds	No cracks	X	
3 Hydraulics				
3.1	Pump	Without oil loss	X	
3.2	Pump mechanics	Secure / undamaged / free to move / lubricated	X	
3.3	Oil level	Check (½ sight glass)	X	
3.4	H hoses	Check (exchange every 6 years)	checked	
4 Base mast				
4.1	Welds	No cracks	X	
4.2	Bearing	Free to move / lubricated	X	
4.3	Bolt	Aligned / straight	X	
5 Push rod				
5.1	Welds	No cracks	X	
5.2	Bearing	Free to move / lubricated	X	
5.3	Bolt	Aligned / straight	X	
6 Catch boom				
6.1	Welds	No cracks	X	
6.2	Bearing	Free to move / lubricated	X	
6.3	Bolt	Aligned / straight	X	
6.4	Fall indicator	Disassemble / renew corrosion protection	X	
7 Fall indicator removed				
7.1	State	Cleaning	X	
7.2	Release cable	Smooth / corrosion free (exchange every 4 years)	X	
7.3	Safety wire	Corrosion free / undamaged (exchange every 4 years)	X	
7.4	Assembly	Renew lubrication / set release force	renew	
8 Safety unit				
8.1	Welds	No cracks	X	
8.2	Spring	No breaks / corrosion free	X	
8.3	Spring holder	No cracks / aligned / secure	X	
8.4	Bearing	Free to move / lubricated	X	
8.5	Bolt	Aligned / straight	X	
9 Labelling and documentation				
9.1	Warnings	Complete / readable / undamaged	X	
9.2	Entries in the device book	Seamless / complete / accessible	X	
9.3	Operating manual	Accessible / complete	X	
10 Tests and Settings				
10.1	Pressure test	140 -150 bar	150	
10.2	Anchor point height	2250 – 2350 mm	2320	
10.3	Response time configuration change	Max. 2.5 sec	2,3	
10.4	Release force	Under 150 kg	140	
10.5	Functional test	At least 3x	4	
11 Device V21-2 with adapter plate				
11.1	Welds and Fixings	No cracks / screws undamaged and secure	X	
11.2	Ratchet straps and Stop hooks	Undamaged and complete	X	
11.3	Tightener winder and Safety mechanism	Free to move / lubricated / Fully functional	X	
11.4	Feature Spring Return Roller	Smooth running and unhindered	X	
11.5	Warnings	Complete / readable / undamaged	X	
11.6	Device type in logbook	Noted (V21-1 or V21-2)	X	
11.7	Operating manual for type V21-2	Accessible / complete / correct for type V21-2	X	

Note:

The Accident Prevention Regulations period of validity until _____ has been marked on the device and the implemented inspection details have been documented not documented in the logbook.

Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Number:	Date:	

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OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

The Accident Prevention Regulations period of validity until _____ has been marked on the device and the implemented inspection details have been documented not documented in the logbook.

Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

The Accident Prevention Regulations period of validity until _____ has been marked on the device and the implemented inspection details have been documented not documented in the logbook.

Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

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Technician Name:	Place:	Signature:
Technician Number:	Date:	

Accident prevention regulations checklist for devices type V21-1 und V21-2

OK = in order

Rep. = repair

n/a = not applicable

1 Base plate

- 1.1 Welds No cracks
- 1.2 Anti-slip segments Secure / undamaged / complete
- 1.3 4x crane stops Undamaged / secure

OK	Rep.	n/a

2 Swivel head

- 2.1 Pivot bearing Smooth / free of play
- 2.2 Pivot bearing seal Secure / undamaged
- 2.3 Turn lock Smooth / functional / straight
- 2.4 Swivel head bolts Straight / parallel to the plate
- 2.5 Welds No cracks

OK	Rep.	n/a

3 Hydraulics

- 3.1 Pump Without oil loss
- 3.2 Pump mechanics Secure / undamaged / free to move / lubricated
- 3.3 Oil level Check (½ sight glass)
- 3.4 H hoses Check (exchange every 6 years)

OK	Rep.	n/a

4 Base mast

- 4.1 Welds No cracks
- 4.2 Bearing Free to move / lubricated
- 4.3 Bolt Aligned / straight

OK	Rep.	n/a

5 Push rod

- 5.1 Welds No cracks
- 5.2 Bearing Free to move / lubricated
- 5.3 Bolt Aligned / straight

OK	Rep.	n/a

6 Catch boom

- 6.1 Welds No cracks
- 6.2 Bearing Free to move / lubricated
- 6.3 Bolt Aligned / straight
- 6.4 Fall indicator Disassemble / renew corrosion protection

OK	Rep.	n/a

7 Fall indicator removed

- 7.1 State Cleaning
- 7.2 Release cable Smooth / corrosion free (exchange every 4 years)
- 7.3 Safety wire Corrosion free / undamaged (exchange every 4 years)
- 7.4 Assembly Renew lubrication / set release force

OK	Rep.	n/a

8 Safety unit

- 8.1 Welds No cracks
- 8.2 Spring No breaks / corrosion free
- 8.3 Spring holder No cracks / aligned / secure
- 8.4 Bearing Free to move / lubricated
- 8.5 Bolt Aligned / straight

OK	Rep.	n/a

9 Labelling and documentation

- 9.1 Warnings Complete / readable / undamaged
- 9.2 Entries in the device book Seamless / complete / accessible
- 9.3 Operating manual Accessible / complete

OK	Rep.	n/a

10 Tests and Settings

- 10.1 Pressure test 140 -150 bar
- 10.2 Anchor point height 2250 – 2350 mm
- 10.3 Response time configuration change Max. 2.5 sec
- 10.4 Release force Under 150 kg
- 10.5 Functional test At least 3x

OK	Rep.	n/a

11 Device V21-2 with adapter plate

- 11.1 Welds and Fixings No cracks / screws undamaged and secure
- 11.2 Ratchet straps and Stop hooks Undamaged and complete
- 11.3 Tightener winder and Safety mechanism Free to move / lubricated / Fully functional
- 11.4 Feature Spring Return Roller Smooth running and unhindered
- 11.5 Warnings Complete / readable / undamaged
- 11.6 Device type in logbook Noted (V21-1 or V21-2)
- 11.7 Operating manual for type V21-2 Accessible / complete / correct for type V21-2

OK	Rep.	n/a

Note:

The Accident Prevention Regulations period of validity until _____ has been marked on the device and the implemented inspection details have been documented not documented in the logbook.

Technician Name:	Place:	Signature:
Technician Number:	Date:	