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**REPORT**

**FOR PERIODIC EXAMINATION**

**OF MOBILE CRANE**

**TUV** NEDERLAND

Member of TÜV NORD Group

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*This examination report is based upon the Dutch TCVT certification schedule "Periodical Examination of Cranes" identification code: TCVT W3-11 09-147.*

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<sup>1</sup>    <sup>2</sup> = OK / correct  
  <sup>1</sup>    <sup>2</sup> = Not applicable  
  <sup>1</sup>    <sup>2</sup> = Not OK / incorrect

**0100 GENERAL**

	1	2	Short explanation of disapproval
0101 Crane logbook present and up-to-date	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0102 Capacity table(s) present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0105 Crane configuration according crane logbook	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0106 Crane configuration according specifications of manufacturer and present documentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0107 Operation manual present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0108 Have major repairs been carried out adequately	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0109 Certificates and/or declaration of conformity of wire ropes and registered in crane logbook	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0110 Certificates and/or declaration of conformity of hook block(s) and hook(s) present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0111 Certificates and/or EC-declaration of conformity of interchangeable equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0112 _____	<input type="checkbox"/>	<input type="checkbox"/>	

**0200 ACCESS**

	1	2	
0201 Steps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0202 Platforms / walkways	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0203 Handrails	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
0204 Ladders / cages	<input type="checkbox"/>	<input type="checkbox"/>	
0206 _____	<input type="checkbox"/>	<input type="checkbox"/>	

**0300 OPERATOR'S POSITIONS**

	Cabin		Outrigger control		Remote control		Operator's position		
	1	2	1	2	1	2	1	2	
0301 Controls (knobs / handles / pedals)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0302 Instruments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0303 Operating instructions / control signs present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0304 Capacity table(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0305 Load- and radius indication	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0306 Ignition lock / stop button / main switch / emergency stop	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0307 - all crane movements blocked	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0308 Safeguard against unintended actuation of controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0309 Horn	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0310 Windscreen wipers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0311 Mirrors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0312 Doors / cabin door / cabin hatch (lockable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0313 Windows / safety glass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0314 Checking device of horizontal position (spirit level)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0315 Seat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0316 Protection operator / harness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0317 Heating / ventilation / lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0318 Anemometer (wind speed meter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0320 Simultaneous actuation prevented in case of more control stations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0321 Sunshade / sun protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See A1
0322 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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	1	2	Short explanation of disapproval
0300 <b>Adjustable cabin height</b>			
0326 Platform at door level, <i>or</i>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0327 Self closing safeguard, <i>or</i>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0328 Monitoring of closure of safeguard before cabin can be lifted,	<input type="checkbox"/>	<input type="checkbox"/>	_____
0329 <i>and</i> audible signal in case falling protection is opened > 3 m.	<input type="checkbox"/>	<input type="checkbox"/>	_____
0330 Functioning of emergency lowering device	<input type="checkbox"/>	<input type="checkbox"/>	_____
0331 Instruction present at ground level for use of the emergency lowering device	<input type="checkbox"/>	<input type="checkbox"/>	_____
0332 Protection of front window / safeguard against falling out	<input type="checkbox"/>	<input type="checkbox"/>	_____
0333 Functioning of holding valves or flow restriction	<input type="checkbox"/>	<input type="checkbox"/>	_____
0334 Protection below cabin or clear warning for risk of crushing	<input type="checkbox"/>	<input type="checkbox"/>	_____
0335 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Booms:** **A** Main boom   **B** Jib   **C** Runner   **D** \_\_\_\_\_

	A		B		C		D		
	1	2	1	2	1	2	1	2	
0400 <b>BOOM SYSTEMS</b>									
0401 Construction / welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0402 Mounting boom system (to frame / together)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0403 Bolt- / pin connection / securing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0404 Guiding telescope sections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0405 Telescope system / wire rope / chain	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0406 Connection / sheaves / wheels explanation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0407 Inspection interval of telescope system, complete inspection as specified by manufacturer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0410 Wire rope guide plates / -rollers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See A1
0411 Sheaves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0412 Rope run-off prevention	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0413 Mechanical boom section(s) blocked against falling out	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0414 Boom stops / safety wire ropes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0415 Pendant strips / pendant wire ropes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0416 Locking of telescopic parts and/or fold out parts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0417 Locking of telescope system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0418 Safety marking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
0419 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

	1	2	
<b>A-FRAME / MAST</b>			
0430 Construction / welds	<input type="checkbox"/>	<input type="checkbox"/>	_____
0431 Connection to frame	<input type="checkbox"/>	<input type="checkbox"/>	_____
0432 Bolt- / pin connection / securing	<input type="checkbox"/>	<input type="checkbox"/>	_____
0433 Lower block(sheaves/wire rope run-off prevention/connection)	<input type="checkbox"/>	<input type="checkbox"/>	_____
0434 Upper block(sheaves/wire rope run-off prevention/connection)	<input type="checkbox"/>	<input type="checkbox"/>	_____
0435 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

	1	2	
<b>0600 SLEWING ASSEMBLY</b>			
0601 Slewing ring / slewing cylinders / slewing rollers / fixing rollers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0602 Slewing ring fixing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0603 Pinion(s) / toothed ring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0604 Drive / bearing / coupling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0605 Brake(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0607 Locking pin / slewing pawl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0608 Fixing of motor(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
0609 Loss of device	<input type="checkbox"/>	<input type="checkbox"/>	_____
0610 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

= OK / correct   
   = Not applicable   
   = Not OK / incorrect

**Winches**      **A** Main      **B** Aux winch      **C** \_\_\_\_\_      **D** \_\_\_\_\_

**0700 WINCHES**

	A		B		C		D	
	1	2	1	2	1	2	1	2
0701 Main clutch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0702 Locking of movement when uncoupling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0703 Torque converter / fluid coupling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0704 Drive / bearing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0705 Brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0706 Drum / bearings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0707 Slack rope prevention / rope run-off prevention	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0708 Clutch (wire rope drum)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0709 Holding valves / friction clutches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0710 Locking sleeve clutch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0711 Wire rope guiding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0713 Fixing of motor(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0714 Brake valve hydraulic motor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0715 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Wire ropes**      **A** Hoist      **B** Aux hoist      **C** \_\_\_\_\_      **D** \_\_\_\_\_

**0800 WIRE ROPES**

**Running wire ropes**

Diameter of wire rope measured in mm

	A		B		C		D	
	1	2	1	2	1	2	1	2
		19,6		19,6				
0801 Wire rope according logbook / certificate / EC-declaration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0802 Wire rope visually in good condition (see table after 0816)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0803 Unobstructed running of wire rope	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0804 Wire rope fixed properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0805 Wedge sockets correctly mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0806 Lock behind wedge socket present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0807 Rope eyes fitted with thimbles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0808 Pin- or bolt connection at rope termination secured	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0809 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Pendant ropes**      **E** \_\_\_\_\_      **F** \_\_\_\_\_      **G** \_\_\_\_\_      **H** \_\_\_\_\_

**0800 WIRE ROPES**

**Pendant ropes**

Diameter of wire rope measured in mm

	E		F		G		H	
	1	2	1	2	1	2	1	2
0810 Wire rope according logbook / certificate / EC-declaration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0811 Wire rope visually in good condition (see table after 0816)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0812 Wire rope fixed properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0813 Rope eyes fitted with thimbles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0814 Pin- or bolt connection at rope termination secured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0815 Examination of pendant ropes carried out	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0816 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Wire rope	Visible wire breaks		Buffing of the exterior located wires	Rust and corrosion	Reduced wire diameter	Position of the measuring points	Total assessment	Corruption and distortion
	Number with a length of 6d	Number with a length of 30d	Degree of damage <sup>2</sup>	Degree of damage <sup>2</sup>	%		Degree of damage <sup>2</sup>	Type
<b>A</b>	0	0						
<b>B</b>								
<b>C</b>								
<b>D</b>								
<b>E</b>								
<b>F</b>								
<b>G</b>								
<b>H</b>								

<sup>2</sup> In this column indicate: low, medium, high, very high, remove.

<sup>1</sup>  <sup>2</sup> = OK / correct   
  <sup>1</sup>  <sup>2</sup> = Not applicable   
  <sup>1</sup>  <sup>2</sup> = Not OK / incorrect

**0900 HOOKS AND HOOK BLOCKS**

**A** Distribution : 4 sheaves hookblock  
Rate cap. : 40 Id.no: HZ54413

**C** Distribution : \_\_\_\_\_  
Rate cap. : \_\_\_\_\_ Id.no: \_\_\_\_\_

**B** Distribution : \_\_\_\_\_  
Rate cap. : \_\_\_\_\_ Id.no: \_\_\_\_\_

**D** Distribution : \_\_\_\_\_  
Rate cap. : \_\_\_\_\_ Id.no: \_\_\_\_\_

	A		B		C		D		
	1	2	1	2	1	2	1	2	
0901 Condition of hook (deformation / wear)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
y-dimension nominal (mm)	250								
y-dimension measured (mm)	250								
0902 Nut secured	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0903 Swivel thrust bearing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0904 Traverse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0905 Bearings / sheave /condition wire rope / sheave and groove / run-out safeguard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0906 Axes / bolts / nuts secured	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0907 Safety latch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0908 Safety marking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0909 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**1000 GRAB**

Manufacturer \_\_\_\_\_  
Type / model \_\_\_\_\_  
Applied data \_\_\_\_\_

	1	2	Short explanation of disapproval
1001 - manufacturer / type / year of construction	<input type="checkbox"/>	<input type="checkbox"/>	
1002 - rated load / content	<input type="checkbox"/>	<input type="checkbox"/>	
1003 - own weight	<input type="checkbox"/>	<input type="checkbox"/>	
1004 General condition	<input type="checkbox"/>	<input type="checkbox"/>	
1005 Construction / welds	<input type="checkbox"/>	<input type="checkbox"/>	
1006 Suspension / bolt- / pin connection / securing	<input type="checkbox"/>	<input type="checkbox"/>	
1007 Grab shut	<input type="checkbox"/>	<input type="checkbox"/>	
1008 _____	<input type="checkbox"/>	<input type="checkbox"/>	

**1200 OUTRIGGERS / JACKS**

	1	2	
1202 Pin- / bolt connection / securing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1203 Outrigger beams / pin connection (construction / welds)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1204 Outrigger plates / pads (construction / weld)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1205 Safety marks outriggers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1206 Marking of outrigger beam positions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1207 _____	<input type="checkbox"/>	<input type="checkbox"/>	

**1300 TRAVELING PARTS (tire program)**

**Wheels**

	1	2	
1301 Axles / suspension / springs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1302 Wheel bolts / -nuts / rims	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1303 Condition of tires / inflation pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1304 Axle locking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1305 _____	<input type="checkbox"/>	<input type="checkbox"/>	

**Crawlers / tracks**

	Left		Right		
1306 Connection to chassis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1307 Connection of sprocket / idler wheels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1308 Track / chain (condition / tension)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1309 Track shoes (condition / connection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1310 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**1**    **2** = OK / correct  
  **1**    **2** = Not applicable  
  **1**    **2** = Not OK / incorrect

**1400 UNDERCARRIAGE**

	1	2	Short explanation of disapproval Chapter 1400 only visual inspected
1401 Steering play	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1402 Parking brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1403 Service brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1404 Brake fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1405 Brake cylinders	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1406 Hoses / pipes / joints	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1407 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

**1600 ELECTRICAL INSTALLATION**

	1	2	
1601 Switch box / equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1602 Protection against external influences	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1603 Safeguarding live conducting parts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1604 Condition of electrical components	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1605 Connection of wiring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1606 Functioning of (spring forced) cable reels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1607 Condition of (spring forced) cable reels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1608 Slip ring assembly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1609 Batteries (mounting, protection, condition, connections)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1610 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

**1800 HYDRAULIC INSTALLATION**

	1	2	
1801 Hoses / pipes / joints	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1802 Cylinder(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1803 Holding valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1805 Pumps, motors and valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1806 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

**1900 MISCELLANEOUS**

**Central ballast**

	1	2	
1901 Condition and connection	<input type="checkbox"/>	<input type="checkbox"/>	_____
1902 Mass according to manufacturer's specification	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Counter weight**

	1	2	
1903 Condition and connection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1904 Mass according to manufacturer specification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1905 Safety marking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1906 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Marking**

	1	2	
1907 Identification / manufacturer plate of crane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1908 Notice regarding to remote control	<input type="checkbox"/>	<input type="checkbox"/>	_____
1909 CE-marking present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1910 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

**2000 AUTOMATIC LIMITERS / SAFETY DEVICES / WARNING SIGNALS**

	1	2	
2001 Hoisting (hoist limiter)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2002 Lowering (turns of rope)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2003 Luffing up (max. angle / min. radius)	<input type="checkbox"/>	<input type="checkbox"/>	_____
2004 Luffing down (min. angle / max. radius)	<input type="checkbox"/>	<input type="checkbox"/>	_____
2006 Telescoping out (tire program; sequence and/or synchronous)	<input type="checkbox"/>	<input type="checkbox"/>	_____
2007 Auxiliary and mech. boom protected whilst telescoping	<input type="checkbox"/>	<input type="checkbox"/>	_____
2008 Lock pin guarding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2009 Slewing limiter / -safety device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2010 Outrigger safety device	<input type="checkbox"/>	<input type="checkbox"/>	_____
2011 Counter weight safety device	<input type="checkbox"/>	<input type="checkbox"/>	_____
2017 _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

<sup>1</sup>  <sup>2</sup> = OK / correct   
  <sup>1</sup>  <sup>2</sup> = Not applicable   
  <sup>1</sup>  <sup>2</sup> = Not OK / incorrect

Load Moment Limiter (LML)		1	2	Short explanation of disapproval
2018	Cut-out hoisting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2019	Cut-out luffing down	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2021	Cut-out luffing up / lifting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2022	Cut-out telescoping out	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2024	Cut-out folding / jib down above horizontal	<input type="checkbox"/>	<input type="checkbox"/>	
2025	Cut-out telescoping out of jib	<input type="checkbox"/>	<input type="checkbox"/>	
2027	Warning (optical, audible, 100%)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2028	Pre-warning (optical, intermitting audible, 90%)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2029	Override switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2030	Permanent override switch	<input type="checkbox"/>	<input type="checkbox"/>	
2031	LML-signal outside the crane	<input type="checkbox"/>	<input type="checkbox"/>	
2032	Program setting LML clearly visible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2033	Instructions LML clearly visible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2034	Adjustment LML (see also test table)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Load Limiter (LL)</b>				
2035	Cut-out hoisting	<input type="checkbox"/>	<input type="checkbox"/>	
2036	Warning (optical / audible)	<input type="checkbox"/>	<input type="checkbox"/>	
2037	Rope pull limiter	<input type="checkbox"/>	<input type="checkbox"/>	
2038		<input type="checkbox"/>	<input type="checkbox"/>	
<b>Remaining</b>				
2039	Signal "remote control in service"	<input type="checkbox"/>	<input type="checkbox"/>	
2040		<input type="checkbox"/>	<input type="checkbox"/>	

**2100 TEST TABLE**

Number of test	DATA ACCORDING TO CAPACITY TABLE													TEST LML						
	Crane support on			Boom length				Boom angle		No. of hoisting ropes	Slewing angle			Own mass counter weight / LML code	Permissible working load in column 15	LML is activated at	Test load	Deviation column (16-14) x 100 / 14	Pass	
	Wheels / tyres	Outriggers	Tracks	Main boom	Mech. section	Auxiliary boom / jib	Total boom length	Main boom	Auxiliary boom / jib		R = 360°	A = rear-sector	Z = side-sector						V = front-sector	m
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
1		X		44			44			4	R	Wh	6,0	18,5	6,2		X			
2		X		44			44			4	R	Ha	5,8	18,2	6,2		X			
3		X		15,56			15,56			1	Line pull				5,6		X			
4	X			19,6			19,6			4	R		6,0	10,5	6,2		X			
5	X			19,6			19,6			4	A		6,0	6,7	6,2		X			
6		X		44		17,7			3,5	1			1,4	65degr	1,4		X			
7		X		44		17,7			3,5	1			2,6	73 degr	2,6		X			
8																				
9																				
10																				





**2600 OTHER REMARKS**

General: The aux.winch and rope are not checked ,

0321 The sunprotector is not transperant

0410 The guiding sheaves on the base boom are not protecting the rope. The rope can come under the sheave

**1 The client's contact person has been made aware of the above mentioned remarks.**

Name : \_\_\_\_\_

Client : \_\_\_\_\_

Signature :

Date :