

Patient Lifting - Guldmann Ceiling Hoists

Last Issue Date: 07/12/2018		Type Of Service				
Activity		A	B	C	D	E
1	VISUAL INSPECTION: Check the hoist outside and the components e.g. handset, scales & accessories for any damage, wear or irregularities.				Y	Y
2	HOIST SLINGS AND STRAPS - Refer to Special Comments for service notes and patient pre-use requirements. Check the following: a) The lifting slings and straps for damage, wear or potential failure and for any damaged stitching; b) The connections between the lifting straps and the hanger; c) Sling is the correct type to be used / compatible with the hoist equipment; d) Sling label is legible and complete; and e) Date on sling is less than 5 years old. (Note: Increase inspection frequencies where the unit is used or cleaned more frequently than normal).			Y	Y	Y
3	HANGER, check the following: a) All components for any damage, wear or irregularities; b) For any abnormal space between the hanger and the swivel; c) Hanger attachment safety mechanism for correct function; and d) Sling attachment for correct function and wear.				Y	Y
4	HOIST OPERATIONAL TEST, check the following: a) All hoists functions with and without loads (see activity 10 for the Weight Test); b) The full functions of the hand control; c) The emergency stop functions; d) The emergency lowering device functions; e) The green indicator lamps light up on activation; f) The yellow indicator lamps light up when recharging; and g) The hand control functions are switched off when the sensor on top of the hoist is activated.				Y	Y
5	For the GH3+ MODEL HOIST TYPES only: Undertake the following IF fitted with the supplementary modules: a) Scale module (integrated scale): Check all functions operate correctly and undertake a weigh test to check the reading is correct. b) CLM module (statistical function for management use): Check all functions operate correctly & record the following data from the display in the log book: - no. of lifts, no. of heavy lifts, no. of lifts in the last week, average no. of lifts per week. See Special Comments. c) Service module: Check all functions operate correctly. Check the pop-up warning for 'Service Date Exceeded' and advise the Facility Manager (FM) if this has occurred.				Y	Y
6	TRACK TROLLEY INSPECTION, check: a) The hoist engages and disengages in to the track trolley (GH2F and GH1F); b) The track trolley rope and anchor for wear; c) The connection of the track trolley cord to the hoist and for any wear or damage;				Y	Y

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	and d) The track trolley rope is correctly adjusted and hanging correctly.					
7	ELECTRICAL CHECK: a) Check batteries for input / voltage and then for output / voltage; b) Check electrical functions and signals; c) Check the wiring circuits for faults or defects; and d) Check the cable lead-ins, power supply, plugs etc.				Y	Y
8	MECHANICAL CHECK: a) Clean; b) Inspect and evaluate the condition of vital parts; c) Replace defective and worn parts; and d) Check & tighten all moving parts if needed. Lubricate if necessary.				Y	Y
9	Recheck points under Activity 4 again. If everything functions undertake Activity 10. If new problems have arisen, restart the full service from Activity 4. If there are no new problems undertake Activity 10.				Y	Y
10	HOIST WEIGHT TEST: a) Undertake a hoist weight test with the rated load. The lifting capacities of the models are: - GH2 and GH2 F: 200kg. - GH2 HD and GH2 F HD: 250kg. - GH3: 200 / 250kg. (as labelled). - GH3+: 250 / 300 / 350kg. (as labelled). - GH3 Twin: 250 / 500kg. (as labelled). Note: 1/ The maximum load limit for the hoist system is determined by the hoist component with the lowest load limit, refer labels. 2/ The lift must be effortless and without any jarring sounds. b) Apply a label with the date, tested weight & next test due date.				Y	Y
11	HOIST / TROLLEY INSPECTION Activities 11-13): a) Remove the hoist, place it on the trolley for inspection and check the trolley and key components for any damage, wear or irregularities; b) Check the connection between the hoist and the trolley. All locking rings must be intact (GH2 model only); c) Check the connection between the hoist and the trolley. Original pins must be used (GH1 and GH3 models only); and d) Clean the trolley.				Y	Y
12	Dismantle the locking and winding mechanism and install a new Quick Lock (spare part). See Special Comments - frequency notes.					Y
13	Install and then remove the hoist from the trolley and check all trolley functions. If everything functions the service is complete.				Y	Y

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	If new problems have arisen, restart the service at Activity 11. If there are no new problems, the service has been completed.					
14	If applicable, hoists used in wet areas are to have an annual reapplication of a moisture protection coating.				Y	Y
15	Apply an inspection sticker (label) with the date of the test and next test due date to the hoist (include tested weight), body support unit and trolley (if applicable).				Y	Y
16	Record the results in the customer service report / log book. Include: inspection date; next inspection due date; identification details / serial numbers; condition; works undertaken; and identification and signature of the inspector.			Y	Y	Y

Special Comments and Technical Data

C SERVICE: 6 MONTHLY (MINIMUM INTERVAL)
 D SERVICE: ANNUALLY
 E SERVICE: 2 YEARS (OR AFTER 2000 INSTALLATIONS).
 NOTE: PATIENT PRE-USE REQUIREMENTS:
 PRIOR TO EVERY USE OF THE HOIST THE SITE STAFF ARE TO UNDERTAKE THE VISUAL INSPECTION ACTIVITIES LISTED IN ACTIVITY 2.
 THE PREVENTATIVE MAINTENANCE SERVICES ARE TO COMPLY WITH AS10535 (REFER ANNEX B FOR INFORMATION ON THE INSPECTIONS) & THE MANUFACTURER'S DOCUMENTATION & SUIT SITE CONDITIONS.
 THE SERVICING IS TO BE DONE BY A TECHNICIAN QUALIFIED FOR THIS WORK OR BY A GULDMANN SERVICE TECHNICIAN.
 FOR GH3+ MODEL HOISTS TYPES WITH THE CLM MODULE: IF REQUESTED BY THE FM CONNECT A PDA/NET BOOK TO THE HAND CONTROL TO ACCESS OTHER DATA, WHICH MAY INCLUDE: NO. OF LIFTS SINCE THE LAST STRAP CHANGE, NO. OF CRITICALLY LOW BATTERY READINGS, NO. OF WEIGHINGS, TOTAL LIFTING TIME ETC.
 DOWNLOAD THE DATA, FILE AND SEND TO THE FM.
 EQ249A IS TO BE SCHEDULED IN CONJUNCTION WITH EQ375: SERVICE OF THE RAIL SYSTEM.
 REFER TO EQ249 (PRIMARY TDS) AND EQ218 (SECONDARY TDS) FOR THE GENERIC PATIENT LIFTING EQUIPMENT SERVICES.
 IMMEDIATELY NOTIFY THE SITE REPRESENTATIVE AND THE FACILITY MANAGER OF ANY WEAR, DAMAGE OR DEFECTS THAT MAY HAVE SAFETY IMPLICATIONS & REMOVE THE HOIST FROM SERVICE UNTIL RECTIFIED

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