

Rail System (Patient Hoist/ Structural)

Last Issue Date: 08/11/2017		Type Of Service				
		A	B	C	D	E
Activity						
1	Inspect the rail system for damage or wear, including any distortions.				Y	
2	TRACK BRACKETS, check: a) They are tightened correctly to the wall/ceiling with the correct method and fixings; b) They are tightened with the correct torque to the rail system; and c) They are installed over all rail joints.				Y	
3	Check rail grooves have not been damaged or deformed.				Y	
4	Check and retighten the End-stops. Ensure all Roll-pins are fitted.				Y	
5	Check operation and condition of combi-locks/ connecting mechanism (if applicable).				Y	
6	Check operation and condition of switch track (if applicable).				Y	
7	Check operation and condition of turntable (if applicable).				Y	
8	Check operation and condition of traverse rail (if applicable).				Y	
9	CONNECTION TO SUPPORTING STRUCTURE (Overhead beam/ soffit etc.): a) Check all components for damage, cracking and any signs of movement. b) Check the connections to the supporting structure for any damage. c) Check the integrity of the supporting structure e.g. any cracking, deformation.				Y	
10	LOAD TEST: a) Check stickers with the maximum load is placed on the hoist and rail system (the maximum load on the hoist must be equal to or lower than the rail system); b) Where there is no sticker, the rail system must be checked according to the guideline in the installation manual (distance between the brackets according to maximum load); c) If the brackets are not visible, then a load test with 1.5 times the maximum load of the hoist (heaviest used with the system) must be performed. The deflection of the rails must not be higher than 1/200 of the length of the rail; and d) If any of the above can not be done contact Guldmann or a representative. e) Do the annual load test with the rated load through the entire system and place a sticker with a date for the next inspection. Note: For the initial Installation Load Test: Do a load test at 1.5 times the rated load for a minimum of 20 minutes.				Y	
11	Record all results in the log book.				Y	

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For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia
Department of Planning,
Transport and Infrastructure

Download Date: 22/12/2020

Special Comments and Technical Data

D SERVICE ANNUAL
SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON
SITE CONDITIONS AND MANUFACTURERS RECOMMENDATIONS.
NOTIFY SITE REPRESENTATIVE & FACILITY MANAGER IF ANY DAMAGE
TO THE RAIL SYSTEM OR STRUCTURE IS EVIDENT OR SUSPECTED.
THIS SERVICE IS TO BE DONE IN CONJUNCTION WITH THE ANNUAL
SERVICE OF THE PATIENT LIFTING EQUIPMENT, REFER EQ249 FOR
GENERIC HOISTS AND EQ249A FOR THE GULDMANN HOISTS.

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