

Tower Crane: Daily Visual Inspection Record

MODEL AND SERIAL NUMBER OF CRANE:		TC:	
CLIENT & SITE/PROJECT NAME:			
WEEK COMMENCING MONDAY:			

No Defects Defects Identified or N/A if not applicable

	COMPONENT/ITEM TO BE INSPECTED	M	T	W	T	F	S	S
1	ACCESS / EGRESS TO AND FROM CRANE BASE (CLEAR-NO OBSTRUCTIONS)							
2	CONDITION OF CONCRETE BASE (NO CRACKS, OBSTRUCTIONS, DEBRIS)							
3	CONDITION/INTEGRITY OF FIXING ANGLES (NO MOVEMENT)							
4	CONDITION OF CRUCIFORM BASE STRUCTURE (PINS AND R-CLIPS IN PLACE)							
5	ELECTRICITY CABLE (NO DAMAGE)							
6	BOGEY WHEELS / TRACKS / REELING DRUM (TRAVELLING BASE ONLY)							
7	BASE BOARD (SECURE AND DETAILS CORRECT)							
8	HOARDINGS AROUND CRANE (SECURE)							
9	ACCESS LADDERS / PLATFORMS / HOOPS (SECURE)							
10	PINS AND R-CLIPS ON TOWER SECTIONS (IN PLACE AND SECURE)							
11	TOWER SECTIONS CONDITION (GOOD AND NO CRACKS ETC)							
12	TIE COLLAR – TIE LEGS – BOLTS – PINS – “R” CLIPS – IN PLACE & SECURE NO CRACKS OR DEFORMATION							
13	SECURITY FAN /ANTI-CLIMB (SECURE)							
14	FLOODLIGHTS (WORKING AND SECURE)							
15	SLEWING RING CONDITION (BOLTS SECURE AND TEETH LUBRICATED)							
16	SLEWING / HOISTING MOTORS AND GEARBOX (SECURE AND NO LEAKS)							
17	VISUAL INSPECTION OF HYDRAULIC HOSES ON LUFFING UNIT (SECURE AND NO LEAKS)							
18	LUFFING MOTOR (SECURE AND NO LEAKS)							
19	A-FRAME AND FRONT JIB (COMPONENTS SECURE AD PINS, R-CLIPS, BOLT’S IN PLACE)							
20	RESCUE SYSTEMS IN PLACE AND UNOPENED							
21	COUNTERJIB COMPONENTS (COMPONENTS SECURE AND PINS, R-CLIPS, BOLTS IN PLACE)							
22	HANDRAILS AND CHAINS (IN PLACE AND SECURE)							
23	COUNTERWEIGHTS (IN PLACE, SECURE AND FREE FROM DEFECTS)							
24	HOIST ROPE TERMINATION POINT, ROPE ON DRUM (FREE FROM CROSS-OVER, BROKEN WIRES, WELL LUBRICATED AND IN SHEAVES)							
25	CRANE ILLUMINATED SIGN (SECURE AND IN GOOD CONDITION)							
26	LUFFING ROPE ON DRUM (FREE FROM CROSS-OVER, BROKEN WIRES, WELL LUBRICATED AND RUNNING FREELY IN SHEAVES)							
27	TROLLEY ROPE ON DRUM (FREE ROM CROSS-OVER, BROKEN WIRES, WELL LUBRICATED AND RUNNING FREELY IN SHEAVES)							
28	TOWER, COUNTER-JIB & CAB FREE FROM DEBRIS AND LOOSE ITEMS, FIXTURES & FITTINGS.							
29	CRANES S.W.L WARNING SYSTEMS (AUDIBLE AND VISUAL WORKING)							
30	SPRING LOADED CONTROLS (FREE MOVING AND RETURN TO NEUTRAL)							
31	DEAD MAN (POWER CUTS WHEN DEADMAN NOT DEPRESSED)							
32	CRANE CONTROL / TOUCH SCREEN MONITOR OPERATIONAL							
33	ANEMOMETER OPERATIONAL							
34	AIRCRAFT WARNING LIGHT IS OPERATIONAL							
35	OPERATION OF HOIST AND LOWER CONTROLS AND OVERHOIST LIMIT WORKING							
36	OPERATION OF LUFF UP AND DOWN CONTROLS AND LUFFING LIMITS WORKING							
37	OPERATION OF TROLLEY IN AND OUT AND TROLLEY LIMITS WORKING							
38	OPERATION OF SLEW CONTROLLER (BOTH LEFT AND RIGHT) AND SLEW BRAKE							
39	OPERATION OF TRAVEL CONTROLLER (BOTH UP AND DOWN TRACKS)							
40	HOIST BRAKE CHECK AND LUFFING BRAKE OR TROLLEY BRAKE CHECK FIRST LOAD							
41	HOOKBLOCK CHECKED BY SLINGER (HOOK SWIVELS AND SPRING CLIP WORKING)							
42	UNDERTAKE ANTI-COLLISION TEST FOR SMIE/CHECK ZONING OPERATIONAL							

I understand the inspection criteria for the crane and have carried out all the checks I am responsible for.

Any defects found have been reported.

DETAILS OF DEFECTS:			
DATE REPORTED TO SERVICE DEPARTMENT:		DATE DEFECT REPAIRED:	
NAME:			
SIGNATURE:			