TOWER CRANE
MONTHLY INSPECTION CHECKLIST

CRANE HUB GLOBAL | FIELD CHECKLIST | CHG-TC-002

CUSTOMER / COMPANY	INSPECTION DATE	SITE / LOCATION
MANUFACTURER	MODEL	SERIAL NUMBER
CRANE / ASSET NUMBER	RATED CAPACITY	HOUR METER

Mark one result per item: S = Satisfactory | U = Unsatisfactory | N/A = Not applicable

CAB

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
01 Cab door locks		☐	☐	☐
02 Safety glass		☐	☐	☐
03 Windshield wipers		☐	☐	☐
04 Lights, gauges, controls and seat		☐	☐	☐

SAFETY

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
05 Capacity charts posted		☐	☐	☐
06 Warning devices and labels		☐	☐	☐
07 Anti-two-block alarm / cut-off		☐	☐	☐
08 Load cells / indicators (record type, make, serial)		☐	☐	☐
09 Wind speed indicator		☐	☐	☐
10 Travel alarm		☐	☐	☐
11 Fire extinguisher		☐	☐	☐
12 Machine / electrical guards		☐	☐	☐

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
13 Access provisions		☐	☐	☐
14 All control functions marked		☐	☐	☐
15 Log book		☐	☐	☐

SLEWING SYSTEM

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
16 Rotating assembly		☐	☐	☐
17 Motor type (electric / hydraulic / manual)		☐	☐	☐
18 Slewing brake		☐	☐	☐
19 Brake actuation (hydraulic / electric / air / manual)		☐	☐	☐
20 Slewing weather-vane assembly		☐	☐	☐

HOIST

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
21 Motor type (electric / hydraulic / friction)		☐	☐	☐
22 Brake type (electric / hydraulic / air / manual)		☐	☐	☐
23 Structural / mechanical assembly		☐	☐	☐
24 Drum		☐	☐	☐
25 End connections: drum and dead end		☐	☐	☐
26 Hook block assembly: capacity / throat / latch		☐	☐	☐
27 Swivel and sheaves		☐	☐	☐

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CRANE / ASSET NUMBER: _____ INSPECTION DATE: _____

TROLLEY

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
28 Motor type (electric / hydraulic / friction)		☐	☐	☐
29 Brake type (electric / hydraulic / air / manual)		☐	☐	☐
30 Structural / mechanical assembly		☐	☐	☐
31 Drum		☐	☐	☐
32 End connections: drum and dead end		☐	☐	☐
33 Guide restraint system		☐	☐	☐
34 Trolley end stops		☐	☐	☐
35 Emergency trolley brake		☐	☐	☐

TOWER & JIB

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
36 Tower base: ballast / knee braces / wheels / rails / guy wires / foundation / outriggers		☐	☐	☐
37 Jib: luffing or fixed; length		☐	☐	☐
38 Jib structural connections; type		☐	☐	☐
39 Jib sheaves / point sheave stripping; number of sheaves		☐	☐	☐
40 Jib limits; type		☐	☐	☐
41 Counter jib; length		☐	☐	☐
42 Counter jib structural connections / outriggers; type		☐	☐	☐
43 Counterweight; weight and number of weights		☐	☐	☐
44 Top tower structural connections		☐	☐	☐
45 A-frame structural connections		☐	☐	☐
46 Tower mounting; type		☐	☐	☐

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
47 Tower fixed / telescoping height		☐	☐	☐
48 Tower structural connections; type		☐	☐	☐

WIRE ROPE CONDITION

INSPECTION ITEM	REMARKS / DEFICIENCIES	S	U	N/A
49 Hoist rope: diameter / type / parts		☐	☐	☐
50 Trolley rope: diameter / type / parts		☐	☐	☐
51 Jib pendants: diameter / type / parts		☐	☐	☐
52 Counter jib pendants: diameter / type / parts		☐	☐	☐
53 Jib hoist rope: diameter / type / parts		☐	☐	☐
54 Guy rope: diameter / type / parts		☐	☐	☐

DEFICIENCY REVIEW & SIGN-OFF

Record any unsatisfactory findings, required action and final disposition. Attach additional records as needed.

DEFECT / ITEM NUMBER / LOCATION

CORRECTIVE ACTION / WORK ORDER

FOLLOW-UP / REPAIR COMPLETION

EQUIPMENT STATUS

☐ No deficiencies reported ☐ Deficiencies reported ☐ Removed from service

INSPECTOR NAME / QUALIFICATION	SUPERVISOR / REVIEWER
SIGNATURE / DATE	SIGNATURE / DATE

IMPORTANT SAFETY NOTE

Report unsafe findings promptly and follow the employer's removal-from-service procedures. This checklist is a field documentation aid, not a substitute for manufacturer procedures, competent inspection, or applicable regulatory requirements.

Adapted from the supplied HESCO monthly tower crane inspection report. CHG has reorganized and renumbered the listed inspection points; blank lines in the source were omitted. This is not a HESCO- or OSHA-issued form.