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Mobile Crane Hook Inspection Checklist

No	Inspection Item	Status	Remark
1	No visible cracks in hook body or shank	OK / Faulty	
2	No excessive wear, nicks, or gouges	OK / Faulty	
3	No visible twisting or deformation	OK / Faulty	
4	No corrosion or pitting affecting hook integrity	OK / Faulty	
5	No excessive wear at saddle or load-bearing point	OK / Faulty	
6	Absence of heat damage or weld splatter	OK / Faulty	
7	Throat opening measured and documented	OK / Faulty	
8	Throat opening does not exceed 15% of original dimension	OK / Faulty	
9	No visible deformation at throat opening	OK / Faulty	
10	Throat opening measurement tool is calibrated	OK / Faulty	
11	Measurement recorded for future comparison	OK / Faulty	
12	Safety latch is present and original to the hook	OK / Faulty	
13	Safety latch springs function properly	OK / Faulty	
14	Latch fully bridges the hook throat opening	OK / Faulty	
15	Latch shows no excessive wear or deformation	OK / Faulty	
16	Latch securing components are intact and functional	OK / Faulty	
17	Hook rotates freely 360 degrees	OK / Faulty	
18	No unusual resistance during rotation	OK / Faulty	
19	No visible damage to swivel bearing or races	OK / Faulty	
20	Swivel components show proper lubrication	OK / Faulty	
21	No excessive play or movement in swivel mechanism	OK / Faulty	
22	Hook nut is secure and properly seated	OK / Faulty	
23	Cotter pin or locking device is in place and functional	OK / Faulty	
24	No visible cracks at hook/block interface	OK / Faulty	
25	Hook mounting components show no deformation	OK / Faulty	
26	Thread engagement meets manufacturer requirements	OK / Faulty	
27	Load test certification is current (within 12 months)	OK / Faulty	

28	Load test performed at 125% of rated capacity	OK / Faulty	
29	No deformation occurred during last load test	OK / Faulty	
30	Load test documentation is available and complete	OK / Faulty	
31	Hook passed NDT testing after load test (if required)	OK / Faulty	
32	Manufacturer's name or mark is visible	OK / Faulty	
33	Serial number or traceability marking is legible	OK / Faulty	
34	Rated load capacity is clearly marked	OK / Faulty	
35	Required certifications or proof test markings present	OK / Faulty	
36	Inspection color code/tag is current and visible	OK / Faulty	
37	NDT testing has been performed within required timeframe	OK / Faulty	
38	Magnetic particle or dye penetrant testing shows no defects	OK / Faulty	
39	NDT testing performed by qualified personnel	OK / Faulty	
40	NDT test reports are available and properly documented	OK / Faulty	
41	Areas of previous concern were specifically examined	OK / Faulty	
42	Hook thickness at load-bearing point measured and documented	OK / Faulty	
43	Wear does not exceed 10% of original dimension at any point	OK / Faulty	
44	Hook shank diameter shows no reduction beyond allowable limi	OK / Faulty	
45	No visible reduction in cross-sectional area	OK / Faulty	
46	All dimensions compared to manufacturer's specifications	OK / Faulty	
47	Manufacturer's specifications available for reference	OK / Faulty	
48	Previous inspection reports are available and reviewed	OK / Faulty	
49	Maintenance and repair history is documented	OK / Faulty	
50	Required certifications are current and available	OK / Faulty	
51	Hook history card or electronic record is up to date	OK / Faulty	

Technician Signature: _____ Barcode: [ ]