

Annual ANSI Inspection- Boom Truck Cranes

<u>Equip Number</u>	<u>Company/ Owner</u>	<u>Chassis Make-Mod</u>	<u>VIN</u>	<u>Branch</u>
<u>R.O. Number</u>	<u>Mileage/ Hr Meter (ECM)</u>	<u>Unit Make-Mod</u>	<u>Serial Number</u>	<u>Date</u>
Providing the BEST equipment in the industry.				
<u>Instructions:</u>	OSHA and ASME allow only qualified persons who have completed training to inspect cranes. Consult operator or service manuals or bulletins as necessary for additional inspection requirements. Make the appropriate mark in the status area, provide follow up details as required.			
<u>Codes:</u>	A= Acceptable, OK	X= Safety Hazard	M= Monitor	R= Recommended
	N- Not Applic.			
References- O = OSHA 1926 Subpart CC, 1926.601, 1910.180 A = ASME B30.5, B30.10				

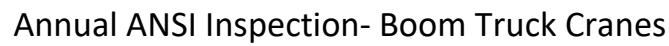
#	Reference	Item Description	Code
Documentation/ Historical Records			
1	O- 1926.1412(f)(2)(ii)	Monthly Inspection Records	
2	A- B30.5-2.3.1(a)	Maintenance Records	
3	O- 1926.1434(a)	Modification Records	
4	A- B30.5-2.2.2(a)(2)	Load Test Records	
General			
5	Inspect worksite area for potential hazards, power lines, etc.		
6	O- 1926.1433(d)(8)	Covers, Guards, Overall Cond.	
7	O- 1926.601(b)(2)(i&ii)	External Lighting	
8	A- B30.5-3.4.7	General Housekeeping	
9	O- 1926.1422	Hand Signal Chart	
10	O- 1926.1412(f)(2)(xvii)	Warning Decals/ Placards	
Truck/ Carrier Cab			
11	A- B30.5-3.4.9(a)	Fire Extinguisher	
12	O- 1926.601(b)(5)	Glass	
13	O- 1926.601 (b)(4)	Mirrors	
14	O- 1926.601(b)(2)(i)&(ii)	Windshield Wipers/ Washer	
15	O- 1926.601(b)(9)	Seat Belts	
16	O- 1926.1412(f)(2)(xviii)&(xix)	Seat	
17	A- B30.5-2.1.2	Electrical Controls/ Switches	
18	A- B30.5-2.1.3(a)(6)	Instruments/ Gauges	
19	A- B30.5-2.1.3	Power Take Off Controls	
20	A- B30.5.2.1.3(a)(10)	Steering	
21	O- 1926.601 (b)(3)	Horn	
22	A- B30.5-2.1.2 (d)	Air Pressure	
23	O- 1926.601(b)(1)	Parking Brakes	
24	A- B30.5-1.6.3	Accelerator/ Throttle	
25	O- 1926.601(b)(1)	Brakes	
26	A- B30.5-1.6.4	Clutch	
27	O- 1926.1433(d)(7)(i)	Windshield Defroster	
28	O- PCSA #2 8.01	Operator's Manuals	
Truck/ Carrier Engine- Power Plant			
29	O- 1926.1412(f)(2)(vi)	Oil level, Operation/ Perf.	
30	O- 1926.1433 (d)(9)	Exhaust system, guards, shields	

#	Reference	Item Description	Code
Truck/ Carrier Engine- Power Plant- Continued			
31	O- 1926.1433 (d)(8)	Covers, Guards- Moving Parts	
32	O- 1926.1433(d)(8)	Belts and Hoses, Clamps	
Chassis/ Carrier			
33	O- 1926.1412(f)(2)(i)	Main Frame and Crossmembers	
34	O- 1926.1412(f)(2)(ix)	Tires, Wheels, Lug nuts	
35	O- 1926.1412(f)(2)(ix)	Tire Air Pressure	
36	O- 1926.601(b)(14)	Transmission/ Transfer Case	
37	O- 1926.601(b)(14)	Drivelines/ U-Joints	
38	O- 1926.1433(d)(8)	Guards and Covers	
39	O- 1926.1412(f)(2)(x)	Hydraulic Plumbing, Fittings	
40	O- 1926.1412(d)(1)(iv)	Hydraulic Fluid level	
41	O- 1926.1423(c)(3)(ii)	Anti-Slip Surfaces	
42	O- 1926.601(b)(4)(i)	Backup Alarm operation	
Outriggers/ Stabilizers			
43	O- 1926.1412(f)(2)(i)	Boxes/ Sub-Frame/ Attachment	
44	O- 1926.1412(f)(2)(i)	Beams/ Legs/ Supports	
45	O- 1926.1412(f)(2)(xiii)	Cylinders	
46	O- 1926.1412(f)(2)(xii)	Holding Valves/ Lock Valves	
47	O- 1926.1412(f)(2)(x)	Hydraulic Plumbing, Fittings	
48	O- 1926.1412(f)(2)(xiv)	Pads/ Floats/ Storage/ Mounts	
49	O- 1926.1412(f)(2)(xvii)	Caution and Warning Decals	
Operator's Control Station			
50	O- 1926.1433(d)(6)	Fire Extinguisher	
51	O- 1926.1433(d)(7)(iii)	Glass	
52	O- 1926.1433(d)(7)(ii)	Door Restraint/ Locks	
53	O- 1926.1412(f)(2)(xxi)	Hand Rails, Steps, Platform	
54	O- 1926.1423(c)(3)(ii)	Anti-Slip Surfaces	
55	A- PCSA #4 6.1.10.1	Control Identification	
56	O- 1926.1407(g)	Electrocution Warning	
57	O- 1926.1412(d)(1)	Controls- Force to movement	
58	A- B30.5-1.6.3(b)	Accelerator/ Throttle	
59	O- 1926.1415(a)(7)	Horn	
60	O- 1926.1412(f)(2)(xviii)&(xix)	Seat	

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#	Reference	Item Description	Code	#	Reference	Item Description	Code
Load Chart				Jib/ Extensions			
61	O- 1926.1433(d)(1)	Per Configuration		99	O- 1926.1412(f)(2)(i) (A)	Structure	
62	O- 1910.180(c)(2)	Legible		100	O- 1926.1413(a)(2)(i) (D)	Wire Rope/ Cable Retainers	
63	O- 1910.180(c)(2)	Durable		101	O- 1926.1412(f)(2)(iii)	Pins and Locking Devices	
64	O- 1910.180(c)(2)	Secured		102	O- 1926.1415(a)(3)	Positive Stops	
65	O- 1926.1417(c)(1)	Visible from Operator's Station		103	O- 1926.1412(f)(2)(ii)	Sheaves	
Safety Devices/ Operational Aids				Load Block/ Multi-Sheave Block and Hook			
66	O- 1926.1416(d)(3)(i)	Anti-Two Block Device		Manufacturer:			
67	O- 1926.1416(e)(5)(i)	Outrigger/ Stabilizer Pos. Sensor		Model Number:			
68	O- 1926.1415(a)(1)	Crane Level Indicator		Serial Number:			
69	O- 1926.1416(e)(1)	Boom Angle Indicator		Rated Capacity:			
70	O- 1926.1416(e)(3)	Boom Length Indicator		Block Weight:			
71	O- 1926.1416(e)(5)(ii)	Winch Drum Rotation Indicator		Hook Tram Measurement:			
72	O- 1926.1416(e)(4)	Overload Protection		104	O- 1926.1433(d)(3)	Capacity Marking	
Upper Structure				105	O- 1926.1433(d)(3)	Weight Marking	
73	O- 1926.1412(f)(2)(i)	Mounting		106	O- 1926.1433(d)(4)	Safety Latch(s)	
74	O- 1926.1412(f)(2)(i)	Turret		107	O- 1926.1412(f)(2)(iii)	Bearings	
75	O- 1926.1412(f)(2)(iii)	Turntable		108	O- 1926.1412(f)(2)(ii)	Sheaves	
76	O- 1926.1407(g)	Electrocution Warning Decal		109	O- 1926.1414(f)&(g)	Wedge Socket/ End Fitting	
77	O- 1926.1412(f)(2)(xvi)	Electrical Wiring		110	O- 1926.1412(d)(1)(vi)	Reeving/ Retainers	
78	O- 1926.1412(f)(2)(xi)	Swing/ Rotation Gearbox		111	A - B30.10-1.10.5(f)	0* Hook Bend or Twist	
79	O- 1926.1412(f)(2)(xi)	Hydraulic Pumps/ Motors		112	A - B30.10-1.10.5(g)	5% Hook Opening or 1/4" Max.	
80	O- 1926.1412(f)(2)(x)	Hydraulic Plumbing/ Fittings		113	A - B30.10-1.10.5(e.)	10% Hook Wear Max.	
81	O- 1926.1412(f)(xi)(A)	Hydraulic Pressure		114	A -B30.5-2.1.3 (i)	NDT Results	
82	O- 1926.1412(f)(2)(xi)	Hoist/ Winch Motor, Valves		115		Other	
83	A- B30.5-1.1.2(f)	Hoist/ Winch Spooling		Overhaul/ Downhaul Ball and Hook			
84	O- 1926.1413(a)(4)(i)(B)	Hoist/ Winch min. 2 rope wraps		Manufacturer:			
85	O- 1926.1433(d)(13)	Hoist/ Winch Brake		Model Number:			
Main Boom				Serial Number:			
86	O- 1926.1412(f)(2)(i)	Structure		Rated Capacity:			
87	O- 1926.1412(f)(2)(iii)	Boom Hinge Pin/ Pivot Point		Block Weight:			
88	O- 1926.1412(f)(2)(xiii)	Lift Cylinder and Pins		Hook Tram Measurement:			
89	O- 1926.1412(f)(2)(xiii)	Telescoping Cylinder/ Attach.		116	O- 1926.1433(d)(3)	Weight Marking	
90	O- 1926.1412(f)(2)(x)	Hydraulic Plumbing, Fittings		117	O- 1926.1433(d)(4)	Safety Latch(s)	
91	O- 1926.1412(f)(2)(xii)	Holding Valves/ Lock Valves		118	O- 1926.1412(f)(2)(iii)	Swivel/ Bearing	
92	O- 1926.1412(f)(2)(i)	Boom Head Section		119	O- 1926.1414(f)&(g)	Wedge Socket/ End Fitting	
93	O- 1926.1412(f)(2)(i)	Boom Sections Alignment		120	A - B30.10-1.10.5(f)	0* Hook Bend or Twist	
94	O- 1926.1412(f)(2)(xv)	Wear Pads/ Shims/ Attachment		121	A - B30.10-1.10.5(g)	5% Hook Opening or 1/4" Max.	
95	O- 1926.1412(f)(2)(ii)	Sheaves/ Rollers/ Retainers		122	A - B30.10-1.10.5(e.)	10% Hook Wear Max.	
96	O- 1926.1413(a)(2)(i)(D)	Wire Rope/ Cable Retainers		123	A -B30.5-2.1.3 (i)	NDT Results	
97	O- 1926.1413(a)(2)(i)(D)	Hoist/ Winch Line Dead End		124		Other	
98		Other		125		Other	

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