

30 O- 1926.1433 (d)(9)

## Annual ANSI Inspection- Boom Truck Cranes

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<u>Equip Number</u>			Company/ Owner		Chassis Make-Mod		<u>VIN</u>		<u>Branch</u>	<u> </u>		
R.O. Number			Mileage/ Hr Meter (ECM)		VI)	Unit M		ike-Mod	Serial Numb	<u>oer</u>	<u>Date</u>	
Providing the BE					ST equipme			nt in the ind	lustry.		-	
Inst	ructions:	OSHA and AS	SME allow only qu	ualified pe	erson	ıs wh	no ha	ve complete	S.			
		Consult oper	ator or service m	bulle	etins	as n	ecessary for	irements.				
		Make the ap	propriate mark ir	ıs are	ea, p	rovic	le follow up					
Coc	les:	A= Accepta	ble, OK X=	Safety Ha	azaro	b	M=	Monitor	R= Recomm	ended	N- Not Ap	plic.
		Ref	ferences- O = OSHA 1	1926 Subpar	t CC, 1	1926.6	501, 1	910.180 <b>A</b> =	ASME B30.5, B3	0.10		
#	Refe	erence	Item Description		Code		#	Refe	rence	Item De	scription	Code
	Document	ation/ Histo	rical Records					Truck/ Care	- Continue	d		
1	O- 1926.1412(f	F)(2)(ii)	Monthly Inspection	Records			31	O- 1926.1433 (d)(8) Covers, Guards- N		Moving Parts		
2	A- B30.5-2.3.1(	a)	Maintenance Record	ls			32	O- 1926.1433(d)(8) Belts and Hoses,		, Clamps		
3	O- 1926.1434(a	a)	Modification Record	S				Chassis/ Ca	Chassis/ Carrier			
4	A- B30.5-2.2.2(	a)(2)	Load Test Records				33	-		Main Frame and	Main Frame and Crossmembers	
	General						34	O- 1926.1412(f)(2)(ix)		Tires, Wheels, Lug nuts		
5	Inspect worksi	te area for poten	itial hazards, power lines, etc.				35	O- 1926.1412(f)(2)(ix)		Tire Air Pressure		
6	O- 1926.1433(d	d)(8)	Covers, Guards, Overall Cond.				36	O- 1926.601(b)(14)		Transmission/ Transfer Case		
7	O- 1926.601(b)(2)(iⅈ)		External Lighting				37	O- 1926.601(b)(14)		Drivelines/ U-Joints		
8	A- B30.5-3.4.7		General Housekeeping				38	O- 1926.1433(d)(8)		Guards and Covers		
9	O- 1926.1422		Hand Signal Chart				39	O- 1926.1412(f	)(2)(x)	Hydraulic Pluml	oing, Fittings	
10	O- 1926.1412(f)(2)(xvii)		Warning Decals/ Pla	cards			40	O- 1926.1412(d	d)(1)(iv)	Hydraulic Fluid	level	
	Truck/ Carrier Cab					41	O- 1926.1423(c	c)(3)(ii)	Anti-Slip Surfac	es		
11	A- B30.5-3.4.9(a) Fire Extinguisher					42	O- 1926.601(b)	(4)(i)	Backup Alarm o	peration		
12	O- 1926.601(b)	(5)	Glass					Outriggers	/ Stabilizers	•		
13	O- 1926.601 (b	)(4)	Mirrors				43	O- 1926.1412(f	)(2)(i)	Boxes/ Sub-Frai	ne/ Attachment	t
14	O- 1926.601(b)	(2)(i)&(ii)	Windshield Wipers/ Washer				44	O- 1926.1412(f	)(2)(i)	Beams/ Legs/ Si	upports	
15	O- 1926.601(b)	(9)	Seat Belts				45	O- 1926.1412(f	)(2)(xiii)	Cylinders		
16	O- 1926.1412(f	(2)(xviii)&(xix)	Seat				46	O- 1926.1412(f	)(2)(xii)	Holding Valves/	Lock Valves	
17	A- B30.5-2.1.2		Electrical Controls/ Switches				47	O- 1926.1412(f	O- 1926.1412(f)(2)(x) Hydrau		Hydraulic Plumbing, Fittings	
18	A- B30.5-2.1.3(	a)(6)	Instruments/ Gauges				48	O- 1926.1412(f)(2)(xiv)		Pads/ Floats/ Storage/ Mounts		
19	A- B30.5-2.1.3		Power Take Off Controls				49	O- 1926.1412(f)(2)(xvii)		Caution and Warning Decals		
20	A- B30.5.2.1.3(a)(10) Steer		Steering					Operator's Control Sta		tion		
21	O- 1926.601 (b	)(3)	Horn				50	O- 1926.1433(d)(6)		Fire Extinguisher		
22	A- B30.5-2.1.2 (d)		Air Pressure				51	O- 1926.1433(d)(7)(iii)		Glass		
23	O- 1926.601(b)(1) Parkin		Parking Brakes	Parking Brakes			52	O- 1926.1433(d)(7)(ii)		Door Restraint/ Locks		
24	A- B30.5-1.6.3 Accele		Accelerator/ Throttle	Accelerator/ Throttle			53	O- 1926.1412(f)(2)(xxi)		Hand Rails, Steps, Platform		
25	O- 1926.601(b)(1)		Brakes				54	O- 1926.1423(c)(3)(ii)		Anti-Slip Surfaces		
26	26 A- B30.5-1.6.4		Clutch				55	A- PCSA #4 6.1.10.1		Control Identification		
27	7 O- 1926.1433(d)(7)(i)		Windshield Defroster				56	O- 1926.1407(g)		Electrocution Warning		
28	O- PCSA #2 8.0	O- PCSA #2 8.01 Operator's Manual					57	O- 1926.1412(d)(1)		Controls- Force to movement		
	Truck/ Car	rier Engine-	Power Plant				58	A- B30.5-1.6.3(b) Accelerator/ Throttle			rottle	
29	O- 1926.1412(f	F)(2)(vi)	Oil level, Operation/	Perf.			59	O- 1926.1415(a	n)(7)	Horn		
	1		1		-	1	_			1		-

60 O- 1926.1412(f)(2)(xviii)&(xix)

Seat

Exhaust system, guards, shields



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		Re	ferences- 0 = OSHA 1926 Subpar	t CC, 192	-	910.180 <b>A</b> = ASME B30.5, B3				
<u>#</u>			Item Description	Code	<u>#</u>	<u>Reference</u>		Item De	scription	Code
	<b>Load Chart</b>	ad Chart				Jib/ Extensions				
61	O- 1926.1433(d	26.1433(d)(1) Per Configuration			99	99 O- 1926.1412(f)(2)(i) (A)		Structure		
62	O- 1910.180(c )(2)		Legible		100	100 O- 1926.1413(a)(2)(i) (D)		Wire Rope/ Cable Retainers		
63	O- 1910.180(c )(2)		Durable		101	101 O- 1926.1412(f)(2)(iii)		Pins and Locking Devices		
64	O- 1910.180(c )(2)		Secured		102	, ,,,		Positive Stops		
	O- 1926.1417(c	· · ·	Visible from Operator's Station		103	O- 1926.1412(f)		Sheaves		
	Safety Devi	ices/ Opera	tional Aids			Load Block	/ Multi-Shea	eve Block ar	nd Hook	
66	O- 1926.1416(d	)(3)(i)	Anti-Two Block Device		Manı	ufacturer:				
67	O- 1926.1416(e	)(5)(i)	Outrigger/ Stabilizer Pos. Sensor		Mode	el Number:				
68	O- 1926.1415(a	)(1)	Crane Level Indicator		Seria	l Number:				
69	O- 1926.1416(e	)(1)	Boom Angle Indicator		Rate	d 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 Measurer	ment:			
72	O- 1926.1416(e	)(4)	Overload Protection		104	O- 1926.1433(d	)(3)	Capacity Marki	ng	
	<b>Upper Stru</b>	cture			105	O- 1926.1433(d	)(3)	Weight Markin	g	
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/ Retair	ners	
78	O- 1926.1412(f)	(2)(xi)	Swing/ Rotation Gearbox		111	A - B30.10-1.10	.5(f)	0* Hook Bend o	or Twist	
79	O- 1926.1412(f)	(2)(xi)	Hydraulic Pumps/ Motors		112	A - B30.10-1.10	.5(g)	5% Hook Openi	ng or 1/4" Max.	
80	O- 1926.1412(f)	(2)(x)	Hydraulic Plumbing/ Fittings		113	A - B30.10-1.10	.5(e.)	10% Hook Wea	r Max.	
81	O- 1926.1412(f)	(xi)(A)	Hydraulic Pressure		114	4 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 B	all and Hoo	k	
84	O- 1926.1413(a	)(4)(i)(B)	Hoist/ Winch min. 2 rope wraps		Manı	ufacturer:				
85	O- 1926.1433(d	)(13)	Hoist/ Winch Brake		Mode	el Number:				1
	Main Boom	1			Seria	l Number:				1
86	O- 1926.1412(f)	(2)(i)	Structure		Rate	d 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 Measurer	nent:			
89	O- 1926.1412(f)	(2)(xiii)	Telescoping Cylinder/ Attach.		116	O- 1926.1433(d	)(3)	Weight Markin	g	
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 o	or Twist	
94	O- 1926.1412(f)	(2)(xv)	Wear Pads/ Shims/ Attachment		121	A - B30.10-1.10	.5(g)	5% Hook Openi	ng or 1/4" Max.	
95	O- 1926.1412(f)	(2)(ii)	Sheaves/ Rollers/ Retainers		122	A - B30.10-1.10	.5(e.)	10% Hook Wea	r 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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Cod	es:	: A= Acceptable, OK X= Safety Hazard M= Monitor R= Recomme							ended N- Not Applic.			lic.	
		Ref	erences- O = O	SHA 1926 S	ubpart CC,	1926.601, 1	910.180 <b>A</b> :	= ASME B30.5, B3	0.10	•			
0- 1	926.1413			Wire	Rope/	Cable Ins	pection						
Rope Application		<u>Type</u>	<u>Size</u>	Constr.	Grade	<u>Core</u>	Measure Wear	Broken Wires	<u>Lubricate</u>	_	End_ Connections		
Primary Hoist													
Auxiliary Hoist													
Pendants													
	Other												
	330.5-2.1.1	No Load Operational Test								anlı ( + h a	so functio		
# 126	A- B30.5-2.1.1	erence	No Load Opera	Description erational Test		Code Caution: Operation of cranes by Inspectors is limited to only those funct required to accomplish the inspection. Inspectors must meet operator to qualification requirements IAW ASME B30.5 and only operate with the d							
127							su	pervision of a cert	ified operator.				
A- E	330.5-2.2.2	T		T	Load	Test	•	T	T				
<u>Hoi</u>	sting From:	Boom Extension	on/ Jib Length	Boom Ar	ngle <u>Lo</u>	ad Radius	Parts of Line	Rated Capacity	<u>Test Weight</u>		% of Rated Capacity		
<u>M</u>	lain Boom												
	<u>Jib</u>												
Expl	anation-			Follow	ılın/ [	) oficion	ncy Detai	le.					
Inst	ructions:	The following			-			son IAW man	ufacturer's	and O	SHA/AN	ısı	
11130	ractions.					-	-	nit is returned		and O.	SIIA/ AIN	131	
		)	<= Safety Ha	azard	M= N	lonitor	R= Reco	ommendatio	n				
<u>#</u>	X/M/R	Follow Up/	Deficiency/	Correcti	ve Actio	<u>n</u>			<u>Initials</u>	<u>i</u>	<u>Date</u>	<u> </u>	
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Instructions:		The following discrepancies shall be corrected by a qualified person IAW manufacturer's and OSHA/ ANSI regulations. Any Safety Hazard must be corrected before the unit is returned to service.									
			K= Safety Hazard		1= Monitor	R= Recommendation					
<u>#</u>	X/M/R	Follow Up/ I	Deficiency/ Corrective	∕e A	<u>ction</u>		<u>Initials</u>		<u>Date</u>		
-											
			T								
		f Inspection				nician verifies that they		plete	d all		
Con	npletion:		inspection tasks IAV	V cc	mpany policie	s and manufacturer's ខ្	guidelines.				
Name of Technician Completing Inspection				Signature of 1	Technician Completing	Inspection		<u>Date</u>			
Confirmation of Inspection By signing below, the			ne o	wner or owner	r's representative verif	ies that the	y hav	e received			
					nd discrepancy details						
	-				<u> </u>	•					
Name of Owner or Representative				Signature	e of Owner or Represer	ntative_		<u>Date</u>			