

PERIODIC (MONTHLY TO YEARLY)

ANNUAL DOCUMENTATION REQUIRED

LOCOMOTIVE CRANE INSPECTION FORM

CUSTOMER:		DATE:	August 5th, 2014
ADDRESS:		AUTHORITY:	
LOCATION:		OSHA:	
MAKE:	American	MODEL:	7040DE
CAPACITY:	40 Tons	TYPE:	Lift & Duty
S/N:		CUSTOMER:	
MAIN BOOM LENGTH:	60'	ATTACHMENTS:	Hook Block

INSPECTION ITEMS

RECORDS S U N/A

1	CURRENT CERTIFICATION		X	
2	MAINTENANCE LOG	X		
3	OPERATORS NOTES	X		
4	LOAD CHARTS	X		
5	MANUALS		X	

WARNING STICKERS S U N/A

6	CONTROLS LABELED	X		
7	HAND SIGNAL CHART	X		
8	SWING AREA	X		
9	ELECTRICUTION HAZARD	X		
10	BOOM WARNING	X		
11	BOOM WARNING (SMALL)	X		
12	MOVING PARTS	X		
13	IN CAB SAFETY STICKER	X		
14	MISC. SAFETY STICKERS	X		

SAFETY EQUIPMENT S U N/A

15	FIRE EXTINGUISHER	X		
16	SAFETY GUARDS		X	
17	MACHINERY ACCESS	X		

INDICATORS S U N/A

18	BOOM ANGLE	X		
19	ANTI-TWO BLOCK			X
20	LOAD MOMENT			X
21	OVERLOAD ALARM			X
22	GAUGES	X		

FLUIDS S U N/A

23	ENGINE OIL LEVEL	X		
24	GEAR CASE OIL LEVEL	X		
25	HYDRAULIC OIL LEVELS			X
26	RADIATOR LEVEL	X		
27	TRANSMISSION LEVEL	X		

CARBODY S U N/A

28	TRUCKS / TRANSMISSION	X		
29	SIDE FRAMES	X		
30	WHEELS	X		
31	BRAKES	X		
32	BRAKE LINKAGE	X		
33	SPRINGS / AXLES	X		
34	BOLTS / PINS	X		
35	CENTER POTS & BOLTS	X		
36	WELDS	X		
37	OUTRIGGERS	X		
38	COUPLERS	X		
39	HAND RAILS & STEPS		X	
40	CARBODY DECK CLEANLINESS	X		

SWING ASSEMBLY S U N/A

41	TURNABLE / ROLLER PATH	X		
42	BOLTS	X		
43	RING GEAR	X		
44	PINION GEAR	X		
45	SWIVEL	X		
46	HOOK ROLLERS			X

PERIODIC (MONTHLY TO YEARLY)

ANNUAL DOCUMENTATION REQUIRED

LOCOMOTIVE CRANE INSPECTION FORM

CUSTOMER:		DATE:	August 5th, 2014
ADDRESS:		AUTHORITY:	
LOCATION:		OSHA	
MAKE:	American	MODEL:	7040DE
CAPACITY:	40 Tons	TYPE:	Lift & Duty
S/N:		CUSTOMER:	
MAIN BOOM LENGTH:	60'	ATTACHMENTS:	Hook Block

INSPECTION ITEMS

	UPPER HOUSE	S	U	N/A
47	CONTROLS	X		
48	STARTING SYSTEM	X		
49	EMERGENCY SHUT OFF			X
50	ENGINE CONDITION	X		
51	MUFFLER / EXHAUST SYSTEM	X		
52	MAIN CLUTCH / CONVERTER	X		
53	SWING BRAKE / HOUSE LOCK	X		
54	WINDOWS	X		
55	FRAME	X		
56	WELDS / STRUCTURAL CRACKS	X		
57	HYDRAULIC SYSTEM			X
58	AIR SYSTEM	X		
59	HOSES	X		
60	AIR PRESSURE	X		
61	ELECTRICAL WIRING / LIGHTS	X		
62	HORN	X		
63	PINS / BOLTS	X		
64	HOUSEKEEPING	X		

	SWING ASSEMBLY	S	U	N/A
73	CLUTCH DRUMS	X		
74	CLUTCHES / LINKAGE	X		
75	PINS / BOLTS	X		
76	GEARING	X		
77	OIL LEVEL	X		
78	HYDRAULIC MOTOR / BRAKE	X		
79	HYDRAULIC OR AIR HOSES	X		

	BOOM ASSEMBLY	S	U	N/A
80	BOOM DRUM	X		
81	BRAKES / CLUTCHES	X		
82	PINS / BOLTS	X		
83	SPRAG CLUTCH		X	
84	GANTRY SHEAVES / PINS	X		
85	BOOM DOG / LINKAGE	X		
86	AIR CHAMBERS / HOSES	X		
87	BRIDAL / BAIL ASSEMBLY	X		
88	COUNTERWEIGHT / BOLTS	X		
89	BOOM KICK OUT	X		

	HOIST ASSEMBLY	S	U	N/A
65	MAIN DRUM	X		
66	AUXILIARY DRUMS	X		
67	DRUM ANCHORAGE	Could not Check		
68	PINS / KEEPERS / SPRINGS	X		
69	BRAKES / CLUTCHES	X		
70	AIR CHAMBERS	X		
71	HOSES	X		
72	LAGGINGS	X		

	BOOM	S	U	N/A
90	CONNECTION	X		
91	HEEL SECTION		X	
92	TIP SECTION / AUX. HEAD	X		
93	TIP SHEAVES	X		
94	CENTER SECTIONS		X	
95	PICTURE FRAME	X		
96	PENDANT CABLES	X		

PERIODIC (MONTHLY TO YEARLY)

ANNUAL DOCUMENTATION REQUIRED

LOCOMOTIVE CRANE INSPECTION FORM

CUSTOMER:		DATE:	August 5th, 2014
ADDRESS:		AUTHORITY:	
LOCATION:		OSHA	
MAKE:	American	MODEL:	7040DE
CAPACITY:	40 Tons	TYPE:	Lift & Duty
S/N:		CUSTOMER:	
MAIN BOOM LENGTH:	60'	ATTACHMENTS:	Hook Block

INSPECTION ITEMS

ROPE CONDITION

		S	U	N/A
97	BROKEN WIRES	X		
98	KINKING / BENDING		X	
99	CRUSHING	X		
100	WEAR	X		
101	END CONNECTIONS	X		
102	WEDGES / SOCKETS / CLIPS	X		
103	LUBRICATION		X	
104	REEVING	X		

WIRE ROPE (PENDANT LINES)

113	MEASURED DIAMETER:	1 1/4"
114	CONSTRUCTION:	6X19 RRL
115	LENGTH:	

HEADACHE BALL

116	MAKE & S/N:	McKissick M-150
117	CAPACITY:	
118	WEIGHT:	"BAD"
119	THROAT OPENING:	
120	GENERAL CONDITION:	

WIRE ROPE (MAIN HOIST)

105	MEASURED DIAMETER:	7/8"
106	CONSTRUCTION:	6X19 RRL

WIRE ROPE (AUXILIARY HOIST)

107	MEASURED DIAMETER:	7/8"
108	CONSTRUCTION:	6x19 RRL

WIRE ROPE (3RD HOIST)

Hyd. Winch (Out of Service)		
109	MEASURED DIAMETER:	7/8"
110	CONSTRUCTION:	Rotation Resistant

WIRE ROPE (BOOM HOIST)

Hyd. Winch (Out of Service)		
111	MEASURED DIAMETER:	3/4"
112	CONSTRUCTION:	6X19 RRL

MAIN HOOK BLOCK

121	MAKE & S/N:	McKissick 1015816L S/N 0258142
122	CAPACITY:	15 Ton
123	WEIGHT:	217 lbs.
124	THROAT OPENING:	2 1/2"
125	GENERAL CONDITION:	Good

AUXILIARY HOOK BLOCK

126	MAKE & S/N:	N/A
127	CAPACITY:	
128	WEIGHT:	
129	THROAT OPENING:	
130	GENERAL CONDITION:	

PERIODIC (MONTHLY TO YEARLY)

ANNUAL DOCUMENTATION REQUIRED

LOCOMOTIVE CRANE INSPECTION FORM

CUSTOMER:		DATE:	August 5th, 20
ADDRESS:		AUTHORITY:	
LOCATION:		OSHA	
MAKE:	American	MODEL:	7040DE
CAPACITY:	40 Tons	TYPE:	Lift & Duty
S/N:		CUSTOMER:	
MAIN BOOM LENGTH:	60'	ATTACHMENTS:	Hook Block

INSPECTION ITEMS

MISC. ITEMS	S	U	N/A
131			
132			
133			

MISC. ITEMS	S	U
134		
135		
136		

CRANE DEFICIENCIES

- # 5 - No operators manual in crane
 - # 16 - Guard needs to be put back on over Boom Hoist Brake Assy.
 - # 83 - Sprag Clutch was to be changed out in 2013, was it done?
 - # 91 - 2 Bent Lacings in Heel Section
 - # 94 - 2 Bent lacings in center section
 - # 98 - Main block was two-blocked, please replace main wire rope
Auxiliary cable is showing wear and age, please replace auxiliary wire rope
 - # 103 - Pendant wire rope needs lubrication now, if not pendants will not pass next inspection
 - # 116 - Main Hook Block was two block, block damaged, please replace hook block
- NOTE: Center Sheave in Bridle assy. is not taking grease
Sheaves in Bridle are showing wear especially bottom right, please keep an eye on
- NOTE: Auxiliary and boom Crosby Clips tightened to factory Specifications

AS OF THIS DATE _____ THIS UNIT HAS BEEN FOUND TO BE IN THE PRECEEDING CONDITION. THIS INSPECTION DOES NOT PRECLUDE THE NECESSITY TO CONDUCT REGULAR MAINTENANCE AND INSPECTIONS REQUIRED BY THE MANUFACTURER OR REQUIRED STATE OR FEDERAL REGULATIONS.

" THIS INSPECTION DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF EQUIPMENT PERFORMANCE"