

## ANNUAL CRANE INSPECTION

CRANE UNIT #

CR190

OWNERS NAME

JOYCE STEEL ERECTION, LTD.

SN #

067250

CRANE MAKE

Liebherr

ADDRESS 31 FRJ DR. LONGVIEW, TX 75602

BOOM LENGTH EXT.

203 ft

CRANE MODEL

LTM 1160

MAKE OF ENGINE

Liebherr

JIB LENGTH EXT.

95 ft

N/A (NOT APPLICABLE), S (SATISFACTORY), R (ACTION RECOMMENDATION, D (DEFICIENCY (ACTION REQUIRED)))

SEE ADDITIONAL PAGE FOR ACTION RECOMMENDATIONS / ACTION REQUIREMENTS IF APPLICABLE

ITEM	NA	S	R	D	ITEM	NA	S	R	D
1. CONTROLS & DRIVE MECHANISMS		X			13. EQUIPMENT STRUCTURE		X		
a. MALADJUSTMENTS, EXCESSIVE WEAR		X			a. BOOM, JIB, INSERTS, SLIDING BOOM SECTIONS		X		
b. CONTAMINATION BY LUBE, WATER, ETC		X			b. DEFORMED, CRACKS, CORRODED		X		
2. HOOKS AND LATCHES		X			c. WELDS FOR CRACKS		X		
a. DEFORMATION, CRACKS, EXCESSIVE WEAR		X			d. BOLTS, RIVETS, FASTENERS		X		
b. CHEMICAL/HEAT DAMAGE		X			e. PINS, BEARINGS, SHAFTS, GEARS		X		
3. WIRE ROPE		X			f. ROLLERS AND LOCKING DEVICES		X		
a. REEVING AS PER MFG.		X			g. CHAINS AND CHAIN DRIVE SPROCKETS	X			
IN ACCORDANCE W/ 1926.1413 (a)		X			h. TRAVEL STEERING, LOCKING DEVICES		X		
b. DISTORTION, CORROSION		X			14. POWER PLANTS		X		
c. ELECTRICAL ARC/HEAT DAMAGE		X			a. LEAKING		X		
d. END CONNECTIONS APPLICATION		X			b. EMERGENCY SHUTDOWN FEATURE		X		
e. BROKEN WIRES, STRANDS		X			c. CONDITIONS/PROPER OPERATION		X		
f. DIAMETER REDUCTION		X			15. HYDRAULIC/PNEUMATIC HOSES/LINES		X		
g. TERMINAL ENDS		X			a. JUNCTION WITH FITTINGS, LEAKS		X		
4. HYDRAULICS		X			b. THREADED OR CLAMPED JOINTS		X		
a. FLUID LEVELS, LEAKS, PROPER OPERATED		X			c. OUTER COVERING (IMPENDING FAILURE)		X		
5. ELECTRICAL APPARATUS		X			d. ABRASION / SCRUBBING		X		
a. MALFUNCTIONING		X			16. HYDRAULIC/PNEUMATIC PUMPS		X		
b. DIRT/MOISTURE ACCUMULATION		X			a. PERFORMANCE INDICATORS (NOISE, VIBRATE)		X		
c. EXCESSIVE DETERIORATION		X			b. BOLTS, SHAFT SEALS, VALVES, SPOOLS, LEAKS		X		
d. CRACKED / SPLIT INSULATION		X			17. HYDRAULIC/PNEUMATIC CYLINDERS		X		
e. LOOSE/CORRODED TERMINALS		X			a. DRIFTING, LEAKS		X		
6. TIRES		X			b. RELIEF VALVE PRESSURE		X		
a. EXCESSIVE WEAR, INFLATION, DAMAGE		X			c. ROD SEALS, EYES, AND WELDED JOINTS		X		
7. OPERATOR/DRIVER CAB WINDOWS		X			d. CYLINDER RODS, NICKS, DENTS, SCORES		X		
a. CRACKS, BREAKS, DEFICIENCIES, WIPERS		X			e. CYLINDER BARREL, DENTS, DEFORMATION		X		
8. SAFETY DEVICES AND OPERATIONAL AIDS		X			18. OPERATOR/DRIVER SEATS/SEATBELT		X		
a. ANTI-TWO BLOCK		X			19. STEPS, LADDERS, HANDRAILS, GUARDS		X		
b. LOAD MOMENT INDICATOR		X			20. HAZARD TRIANGLES, FIRST AID KIT, BARRICADE		X		
c. RADIUS INDICATOR		X			21. LOAD CHART AND OPERATORS MANUAL		X		
d. BOOM LENGTH INDICATOR		X			22. MONTHLY INSPECTIONS		X		
e. LEVEL INDICATOR		X			23. FLEET ANGLE		X		
f. BOOM ANGLE INDICATOR		X			24. WINCH MOUNTING BOLTS, WINCHES		X		
9. OUTRIGGER /STABILIZER PADS/FLOATS		X			25. BACK-UP ALARM, BEACON LIGHT, FLOOD LIGHT		X		
10. WARNING LABELS/MFG. DECALS		X			26. HORNS, INSTRUMENTATION, GAUGES		X		
a. HAND SIGNAL CHART (OUTSIDE)		X			27. BRAKES: SERVICE, PARK, AND SWING		X		
11. BRAKE AND CLUTCH		X			28. LIGHTING/SIGNALING/MARKER EQUIPMENT		X		
a. SYSTEM PARTS		X			29. FIRE EXTINGUISHERS		X		
b. LININGS, PAWLS, RATCHETS		X			a. (3) LOCATIONS, INSPECTION, MOUNT, GAUGE		X		
12. SHEAVES		X			ANNUAL CRANE INSPECTION IN ACCORDANCE W/ 29 CFR 1926.1412 & ANSI B 30.5				
a. DEFORMATION, CRACKS, CHIPS, WEAR		X			JOYCE STEEL ERECTION, LTD.				
b. BEARINGS		X			BY:	Bret Lynn 			
c. SHEAVE SUPPORT STRUCTURE		X			DATE:	October, 2024			