



AN ANSI/ASME STANDARD PREVENTATIVE MAINTENANCE AND FULL FUNCTION INSPECTION FOR  
ARTICULATING BOOM CRANES CONFORMS TO THE NEWEST VERSION OF ANSI/ASME B30.22

City of Burlington

CUSTOMER

Terex

MANUFACTURER

60320 / N/A

MILEAGE / LOAD RATING

UNIT #

479

MODEL

BT 4792

ENGINE HOURS / PTO HOURS

5294

N/A

DATE

Sept 2024

S/N

4900800169

N/A

KV RATING / CATEGORY

SYMBOLS: / = INSPECTED OKAY N/A = NON APPLICABLE M = MISSING X = SEE REMARKS

### EMERGENCY AND SAFETY

- OPERATOR AND SAFETY MANUAL PRESENT \_\_\_\_\_
- AED SYSTEM-FIRST AID KIT-BLOODBORNE PATHOGEN KIT \_\_\_\_\_
- AIR - CABLE - VACUUM EMERGENCY BRAKE CONTROLLER \_\_\_\_\_
- REVERSE/BACK-UP ALARM \_\_\_\_\_
- STROBE/ROTATING LIGHT OPERATION AND LABELING \_\_\_\_\_
- UNIT HEIGHT CLEARANCE DISPLAYED IN CAB \_\_\_\_\_
- FRONT WINCH CONTROLS AND LABELING \_\_\_\_\_
- PTO CONTROL SHIFTS IN AND OUT PROPERLY - WARNING LIGHT-DECAL \_\_\_\_\_
- FIRE EXTINGUISHER - SAFETY FLARES - WARNING TRIANGLES \_\_\_\_\_
- SAFETY CONES - WHEEL CHOCKS - JACK PADS \_\_\_\_\_
- 3-POINT TRUCK GROUND - REEL - CLAMP CONDITION / LAST TEST DATE \_\_\_\_\_
- OTHER \_\_\_\_\_

13 FT. 6 IN.

### VEHICLE WALK AROUND / UNDERSIDE - CAB GUARD - FRONT WINCH

- BODY & SUBFRAME TIE-DOWNS - WELDS - BOLTS - NUTS - RIVETS \_\_\_\_\_
- CONDITION OF HOSES - FITTINGS - CLAMPS - WRAP \_\_\_\_\_
- HOSES - WIRES SECURED AND NOT ON EXHAUST OR DRIVE-LINE \_\_\_\_\_
- PTO FOR NOISE - FASTENERS - WIRING - LEAKS - SHIFT MECHANISM \_\_\_\_\_
- PUMP FOR NOISE-FASTENERS-FITTINGS-LEAKS \_\_\_\_\_
- VALVES & PRESSURE RELIEF CONDITION \_\_\_\_\_
- OIL RESERVOIR - SIGHT GLASS - FILL LEVEL - BREather CAP - TANK SEAL - ETC. \_\_\_\_\_
- CUT-OFF VALVES - HANDLES - SAFETY WIRES \_\_\_\_\_
- SUCTION STRAINER / Y-STRAINER CONDITION \_\_\_\_\_
- RETURN ELEMENT # \_\_\_\_\_ DATE REPLACED \_\_\_\_\_
- CAB GUARD CONDITION - WELDS - BOLTS - STEPS - BRACES ETC \_\_\_\_\_
- FRONT BUMPER CONDITION - WELDS - BOLTS - STRUCTURE \_\_\_\_\_

**VEHICLE WALK AROUND / Underside - CAB GUARD - FRONT WINCH (continued)**

VA

FRONT WINCH PACKAGE CONDITION - WELDS - BOLTS - TIE-DOWNS \_\_\_\_\_

CABLE FOR KINKING - CRUSHING - BIRDCAGING - CABLE EYE SWEDGE \_\_\_\_\_

CABLE MAY NOT HAVE MORE THAN 6 RANDOMLY DISTRIBUTED BROKEN WIRES IN ANY ONE LAY \_\_\_\_\_

CABLE MAY NOT HAVE MORE THAN 3 BROKEN WIRES IN ONE STRAND IN ONE LAY \_\_\_\_\_

HANGER BEARING - SHAFT - SPOOL SEALS \_\_\_\_\_

OPERATIONAL CONTROLS FUNCTIONING AND LABELING \_\_\_\_\_

HYDRAULIC HOSES - FITTINGS - CLAMPS \_\_\_\_\_

WINCH GEARBOX FLUID LEVEL \_\_\_\_\_

GUIDE ROLLERS ROLL FREELY AND LUBED \_\_\_\_\_

FREE SPOOL LEVER CONDITION AND OPERATION \_\_\_\_\_

EMERGENCY STOP BUTTON CONDITION AND OPERATION \_\_\_\_\_

OTHER \_\_\_\_\_

**OUTRIGGER STABILITY SYSTEM**

JA

SELECTOR VALVE MOVES FREELY - NO LEAKS \_\_\_\_\_

CONTROL HANDLES - LINKAGES - SWITCHES \_\_\_\_\_

VALVE BODY-SPOOLS-FITTINGS-BOLTS \_\_\_\_\_

PROPER & LEGIBLE OPERATIONAL - SAFETY - WARNING LABELING \_\_\_\_\_

HOSES - FITTINGS - CLAMPS FOR LEAKS - DEFORMATION-ABRASIONS \_\_\_\_\_

PINS - BUSHINGS - KEEPER NOT WORN OR EXCESSIVE PLAY \_\_\_\_\_

TIE-DOWN PLATES - WELDS - BOLTS - NUTS - RIVETS, TREADED ROD, NUTS \_\_\_\_\_

ALL CYLINDER BARRELS, RODS & HOLDING VALVES FOR OPERATION - LEAKS - PITS - ETC. \_\_\_\_\_

TOOL CIRCUIT CONTROL, DISCONNECTS, HOSE & REEL CONDITION \_\_\_\_\_

OUTRIGGER INTERLOCKS, LOCK OUT VALVES & EXTENSION LOCKS \_\_\_\_\_

ANGLE INDICATOR / INCLIN-O-METER \_\_\_\_\_

OUTRIGGER FOOT DEFORMATION - PINS - KEEPER - CRACKS \_\_\_\_\_

START - STOP - EMERGENCY POWER - THROTTLE \_\_\_\_\_

OTHER *Front Jack leg rubbing A bit on Suction line* \_\_\_\_\_

**PEDESTAL - TURRET**

JA

PEDESTAL TIE-DOWN BOLTS - STRUCTURE - WELDS - CRACKS - ETC. \_\_\_\_\_

PINS & BUSHINGS NO EXCESSIVE PLAY - KEEPER IN PLACE \_\_\_\_\_

HOSES - FITTINGS - CLAMPS - WRAP - ROUTING AND CONDITION \_\_\_\_\_

BULLGEAR MOUNTING BOLTS CONDITION / TORQUE STRIPE PRESENT \_\_\_\_\_

BULLGEAR DEFLECTION LAST YEAR \_\_\_\_\_ THIS YEAR \_\_\_\_\_

ROTATION GEARBOX TEETH - LASH - MOUNTING BOLTS - FLUID LEVEL - VENT - SEALS \_\_\_\_\_

ROTATION HYDRAULIC MOTOR SEALS-MOUNTING BOLTS, BRAKE ASSEMBLY \_\_\_\_\_

ROTATION CYLINDERS, STEEL TUBING & MOUNTING BOLTS \_\_\_\_\_

SWIVEL JOINT FOR LEAKS - MOUNTING HARDWARE - FITTINGS \_\_\_\_\_

ELECTRICAL SYSTEM COMPONENTS FOR DETERIORATION \_\_\_\_\_

CORRECT & LEGIBLE I.D. TAG - SAFETY & WARNING LABELING \_\_\_\_\_

OTHER \_\_\_\_\_

**CONTROLS AND FUNCTIONING**

- PERFORMANCE TEST ON ALL FUNCTIONS \_\_\_\_\_
- CORRECT & LEGIBLE OPERATIONAL - SAFETY - WARNING DECALS \_\_\_\_\_
- START - STOP - THROTTLE OPERATIONS \_\_\_\_\_
- CONTROL LINKAGE RODS, PINS, ETC. \_\_\_\_\_
- CONTROL COVER - HANDLES - KNOBS - LINKAGES - DECALS \_\_\_\_\_
- VALVE BODY - SPOOLS - FITTINGS - BOLTS \_\_\_\_\_
- HOSES - FITTINGS - CLAMPS - WRAP FOR DEFORMATION OR ABRASIONS \_\_\_\_\_
- PINS - BUSHINGS - KEEPERS FOR EXCESSIVE PLAY - TIGHTNESS \_\_\_\_\_
- WIRING AND ELECTRICAL COMPONENTS \_\_\_\_\_
- CONSOLE LIGHT - SPOT LIGHT \_\_\_\_\_
- PRESSURE GAUGE - OVERLOAD GAUGE \_\_\_\_\_
- BOOM ANGLE INDICATOR - BACK PLATE - DECAL \_\_\_\_\_
- OSD - OVERLOAD SYSTEM \_\_\_\_\_
- LOAD CHART INTACT AND LEGIBLE \_\_\_\_\_
- RADIO CONTROL - TRANSMITTER - RECEIVER \_\_\_\_\_
- OTHER Bolt head broke off to pedestal

**MAIN BOOM**

- HINGE PIN - BUSHINGS - KEEPERS - RETAINERS FOR EXCESSIVE PLAY \_\_\_\_\_
- MAIN LIFT CYLINDER - BARREL - PINS - BUSHINGS FOR LEAKS - PITS ETC. mag Rod eye weld
- MAIN CYLINDER HOLDING VALVE OPERATION - LEAKS \_\_\_\_\_
- MAIN BOOM STEEL STRUCTURE NO DEFORMATIONS - CRACKS - ETC. \_\_\_\_\_
- BOOM STORAGE BRACKET - REST - BOLTS - WELDS - CUSHIONS - STOW SWITCH Cracked brace
- ALL WELDMENTS ON STRUCTURE \_\_\_\_\_
- HOSES - FITTINGS - WRAP - CLAMPS FOR DEFORMATION OR ABRASIONS \_\_\_\_\_
- BOOM COVERS - HINGES - BOLTS - ETC. \_\_\_\_\_
- ALL ROLLERS - WEAR PADS FOR WEAR - MOUNTING - PLAY \_\_\_\_\_
- CAT TRAC LINKS - SPACERS - HOSES - FITTINGS \_\_\_\_\_
- OTHER \_\_\_\_\_

**KNUCKLE BOOM**

- METAL STRUCTURE WELDMENT CONDITION \_\_\_\_\_
- BOLTS AMD RETAINERS FOR VISUAL TIGHTNESS \_\_\_\_\_
- PINS AND BUSHINGS FOR EXCESSIVE PLAY & MOVEMENT \_\_\_\_\_
- LINK ARMS PINS, GREASE FILTERS, AND \_\_\_\_\_
- CYLINDERS, COUNTER BALANCE VALVES, AND RODS \_\_\_\_\_
- HOSES / FITTINGS / HOSE WRAP FOR EXCESSIVE WEAR & ABRASIONS \_\_\_\_\_
- OTHER \_\_\_\_\_
- OTHER \_\_\_\_\_
- OTHER \_\_\_\_\_
- OTHER \_\_\_\_\_

**FIRST STAGE ASSEMBLY**

METAL STRUCTURE WELDMENT CONDITION \_\_\_\_\_

BOLTS AND RETAINERS FOR VISUAL TIGHTNESS \_\_\_\_\_

PINS AND BUSHINGS FOR EXCESSIVE PLAY & MOVEMENT \_\_\_\_\_

LINK ARMS PINS, GREASE FILTERS, AND \_\_\_\_\_

CYLINDERS, COUNTER BALANCE VALUES, AND RODS \_\_\_\_\_

HOSES / FITTINGS / HOSE WRAP FOR EXCESSIVE WEAR & ABRASIONS \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**SECOND STAGE ASSEMBLY**

METAL STRUCTURE WELDMENT CONDITION \_\_\_\_\_

BOLTS AND RETAINERS FOR VISUAL TIGHTNESS \_\_\_\_\_

PINS AND BUSHINGS FOR EXCESSIVE PLAY & MOVEMENT \_\_\_\_\_

LINK ARMS PINS, GREASE FILTERS, AND \_\_\_\_\_

CYLINDERS, COUNTER BALANCE VALUES, AND RODS \_\_\_\_\_

HOSES / FITTINGS / HOSE WRAP FOR EXCESSIVE WEAR & ABRASIONS \_\_\_\_\_

CABLES - SHEAVES & KEEPERS \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**THIRD STAGE ASSEMBLY**

METAL STRUCTURE WELDMENT CONDITION \_\_\_\_\_

BOLTS AND RETAINERS FOR VISUAL TIGHTNESS \_\_\_\_\_

PINS AND BUSHINGS FOR EXCESSIVE PLAY & MOVEMENT \_\_\_\_\_

LINK ARMS PINS, GREASE FILTER, \_\_\_\_\_

CYLINDERS COUNTER BALANCE VALUES AND RODS \_\_\_\_\_

HOSES / FITTINGS / HOSE WRAP FOR EXCESSIVE WEAR & ABRASIONS \_\_\_\_\_

CABLES - SHEAVES & KEEPERS \_\_\_\_\_

OTHER \_\_\_\_\_

**CRANE WINCH**

STEEL STRUCTURE NO DEFORMATIONS OR CRACKS \_\_\_\_\_

HOSES - FITTINGS - WRAP - CLAMPS FOR DEFORMATION OR ABRASIONS *True Swivel fittings to Supply tubes are wet*

PINS - BUSHINGS - KEEPERS - BOLTS FOR EXCESSIVE WEAR OR PLAY

HYDRAULIC MOTOR, GEARBOX FLUID LEVEL - SEALS - BOLTS - ETC. \_\_\_\_\_

ANTI-TWO SYSTEM OPERATION, WIRING, ETC. \_\_\_\_\_

DRUM SEALS AND WINCH BRAKE SYSTEM \_\_\_\_\_

CABLE/ ROPE CONDITION - HOOK - SAFETY LATCH *Need Spring*

OTHER \_\_\_\_\_

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