

# Annual (D.O.T.) Inspection

Date: 4/28/2016	Location: WICHITA,KS
Customer: PHILLIPS SOUTHERN ELECTRIC CO. INC.	Division: PSE
Inspector: TOM CANTREL	Tag #: 549999
Supervisor: JASON PHILLIPS	Mileage: 82750
Manufacturer: DODGE	Truck #: SBT 24
Model: 550	<b>PASSED D.O.T. AND STICKERED:</b>
VIN#: 3D6WU7EL4BG557819	<b>FAILED D.O.T. NOT STICKERED:   ✓</b>
Year: 2011	Equipment Type: Truck
Address: 650 GILBERT	
ANNUAL INSPECTION RECORD (49 CFR,396.17-23)VEHICLE HAS BEEN INSPECTED TO COMPLY WITH 49CFR PART 396 APPENDIX G	

Inspection Detail	OK	REPAIR NEC	Inspection Detail	OK	REPAIR NEC
<b>BRAKES:</b>			<b>LIGHTING:</b>		
Adjustment	✓		Headlights	✓	
Mechanical Components	✓		Tail/Stop	✓	
Drum / Rotor	✓		Clearance Marker	✓	
Hoses / Tubing	✓		Identification	✓	
Lining	✓		Reflectors	✓	
Low Air Warning			Other	✓	
Trailer Air Supply, Gladhands, etc.			<b>CAB/BODY</b>		
Compressor			Access	✓	
Parking Brakes	✓		Eqpt./Load Secure	✓	
Other	✓		Tie-Downs	✓	
			Headerboard	✓	
			Other	✓	
<b>COUPLERS:</b>			<b>STEERING:</b>		
Fifth Wheel & Mounting			Adjustment	✓	
Pin - Upper Plate			Column/Gear	✓	
Pintle Hook - Lunet Eye	✓		Axle		✓
Safety Chain			Linkage	✓	
Electrical Connections for Brakes Lights	✓		Power Steering	✓	
<b>EXHAUST:</b>			Other	✓	
Leaks	✓		<b>FUEL SYSTEM:</b>		
Placement	✓		Tank(s)		
<b>SUSPENSION:</b>			Lines		
Springs		✓	<b>FRAME Members</b>		
Attachments	✓		<b>Frame Clearance</b>		
Sliders			<b>Windshield</b>		
<b>TIRES:</b>			<b>Windshield Wiper</b>		
Tread	✓		<b>Mirrors</b>		
Inflation	✓		<b>DOT STICKER ATTACHED</b>		
Damage	✓				
Other	✓				
Wheels - Rims - Fasteners	✓		<b>STICKER #</b>		
Disc - Spokes					

Inspectors Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Date:	4/28/2016	Location:	WICHITA,KS
Customer:	PHILLIPS SOUTHERN ELECTRIC CO. INC	Model #:	TL37
Inspector:	TOM CANTREL	Tag #:	549999
Supervisor:	JASON PHILLIPS	Mileage:	82750
Make of Unit:	TEREX	Truck #:	SBT 24
Serial #:	2040824984	Division:	PSE
VIN#:	3D6WU7EL4BG557819	ANSI Specification:	A92.2

Inspection Detail	OK	SEV	COMM	Inspection Detail	OK	SEV	COMM
<b>1.000 - OUTRIGGER</b>				<b>6.000 - UPPER CONTROLS</b>			
1.100 Cylinders, Leaks or Drifts	✓			6.100 Bucket hinge pins/bshings/retainer	✓		
1.110 Attachment Pins and Retainers	✓			6.110 Bucket rotators and brakes	✓		
1.120 Weldments	✓			6.120 Condition of fiberglass bucket	✓		
1.130 Feet, Pins and Retainers	✓			6.130 Condition of metal bucket			
1.140 Cross Members and Attachments	✓			6.140 Condition of bucket liner	✓		
1.150 Control Valve(s)	✓			6.150 Condition of hoses and fittings	✓		
1.160 Hoses and Fittings	✓			6.160 Condition of control valve /switches	✓		
1.170 Warning and Interlock Systems	✓			6.170 Emer Power, 2 Speed, START/STOP	✓		
1.180 Decals, Warning and Control		3	21	6.180 Tool circuit and couplers	✓		
1.190 Unit to Outrigger Selector Valve	✓			6.190 Control valve handles, linkage, boots	✓		
1.200 Misc.	✓			6.200 Misc.	✓		
<b>2.000 - PEDESTAL</b>				<b>11.000 - LOWER BOOM</b>			
2.100 All Welds and Plates	✓			11.100 Main hinge pin, bushings, retainers	✓		
2.120 Check corner area for cracks	✓			11.110 Base end weldment attachment	✓		
2.130 Check rotation bearing mount bolts	✓			11.120 Saddle, liner and tie down	✓		
2.140 Pedestal to truck mounting	✓			11.130 Fiberglass insert condition	✓		
2.150 Hoses, Fittings and Wiring	✓			11.140 Elbow weldment condition	✓		
2.170 Center Post	✓			11.150 Pin bosses condition	✓		
2.180 Hydraulic component in pedestal	✓			11.160 Lift cylinder Leaks or drifts	✓		
2.190 Emer Power, 2 Speed, START/STOP	✓			11.170 Lift cylinder pins/bush/ret.	✓		
2.200 Accumulator System				11.180 Hoses and fittings to cylinders	✓		
2.210 Misc.	✓			11.190 Hoses and fittings in lower boom	✓		
<b>3.000 - TURRET</b>				11.200 Leveling cables/chains/cyl.	✓		
3.100 All turret welds and plates	✓			11.210 Leveling sprockets or sheaves	✓		
3.120 All turret pin bosses	✓			11.220 Leveling rods	✓		
3.130 Rotation gear box mounting bolts	✓			11.230 Misc.	✓		
3.140 Rotation gearbox oil level	✓			<b>13.000 - JIB AND WINCH</b>			
3.150 Rotation pinion and brake	✓			13.100 Jib mounting brackets/attachments	✓		
3.160 Rotation backlash	✓			13.110 Covers, guards and wear pads	✓		
3.170 Rotation gear condition deflection	✓			13.120 Winch gear box condition	✓		
3.180 Hoses and wiring in turret	✓			13.130 Winch rope and hook	✓		
3.190 Rotation gearbox motor hoses	✓			13.140 Condition of fiberglass JIB	✓		
3.200 Rotation stops or limit switches				13.150 Jib tilt or extension cylinder	✓		
3.210 Misc.	✓			13.160 Hoses and fittings	✓		
<b>4.000 - DECALS</b>				13.170 Misc.	✓		
4.100 Warning decals (4 sides of truck)	✓			<b>15.000 - FIRST STAGE TELESCOPING</b>			
4.120 Safety and control decals - upper		2	20	15.100 Boom weldment and bin bosses	✓		
4.130 Safety and control decals - lower				15.110 Boom rest, liner, and tie down	✓		
4.140 Unit has all covers and guards				15.120 Extension cyl. leaks or drifts	✓		
4.150 Unit has all load charts				15.130 Ext. cyl. Pins/bushings/retainers	✓		
4.160 Misc.				15.140 Cat track and track hoses	✓		
<b>5.000 - LOWER CONTROLS</b>				15.150 Condition of porting tubes	✓		
5.100 Condition control handles linkage	✓			15.160 Condition of fiberglass insert	✓		
5.120 Condition of control valve switch	✓			15.170 Lift cyl. leaks or drifts	✓		
5.130 Control valve hoses and fittings	✓			15.180 Lift cyl. Pins / bushings / retainers	✓		
5.140 Throttle systems, START / STOP	✓			15.190 Main hinge pin bushings / retainers	✓		
5.150 Control interlocks and wiring	✓			15.200 Extension chains and gear boxes	✓		
5.160 Pressure gauges	✓			15.210 Lower leveling cyl. and attachment	✓		
5.170 Misc.	✓			15.220 Sprockets and idlers	✓		
				15.230 Wear pads and rollers	✓		
				15.240 Misc.	✓		
				<b>16.000 - SECOND STAGE BOOM</b>			
				16.100 Condition of fiberglass or steel	✓		
				16.110 Boom tip stub attachment	✓		
				16.120 Boom tip leveling devices	✓		
				16.130 Hoses or wiring in boom	✓		
				16.140 Misc.	✓		

Page 2		Inspection Date: 4/28/2016			Truck Number: SBT 24		
Inspection Detail	OK	SEV	COMM	Inspection Detail	OK	SEV	COMM
<b>17.000 - TRUCK (GENERAL)</b>							
17.100 Condition of body/doors/latches	✓			17.210 Beacon or strobes	✓		
17.110 Misc.		2	33508	17.220 Lights (head, tail, turn, etc..)	✓		
17.120 Sub-frame and mounting	✓			17.230 Reflectors	✓		
17.130 Springs, shackles and u-bolts	✓			17.240 Tool circuits, hoses, and hose reels	✓		
17.140 Protection of hoses/wiring - under	✓			17.250 Cab guard or boom rest weldments	✓		
17.150 PTO, pump and drive line	✓			17.260 Bumper throttles/START/STOP	✓		
17.160 PTO, shift or cable	✓			17.270 Stabilizer/Torsion Bar	✓		
17.170 Park brake and micro brake	✓			17.280 Tires	✓		
17.180 Pintle hook or tow hitch	✓			17.290 Engine oil level	✓		
17.190 Truck mounted winch or capstan				17.300 Aux. engines/generators/inverters	✓		
17.200 Spotlight or work lights				17.310 Grounding System	✓		

**DOT PERFORMED:** YES: NO: PASSED: FAILED:

Boom Angle (Degrees):	NO LOAD	Beginning Load (lbs):	
Load Radius (Feet):		Ending Load (lbs):	
Safety Harness:		Minutes Load Applied:	
Lanyard:		Manual:	YES NO ✓

**Inspection Summary:**

1.180, Code 3 Control or instructional decals need replacement  
 4.120, Code 2 Safety Decals require replacement  
 17.110, Code 2 SEE INSPECTION NOTES AT BOTTOM OF PAGE

**Inspectors Comments:**

FRONT SPRING AND WHEEL BEARINGS

**Vehicle Inspection Severity Codes:**

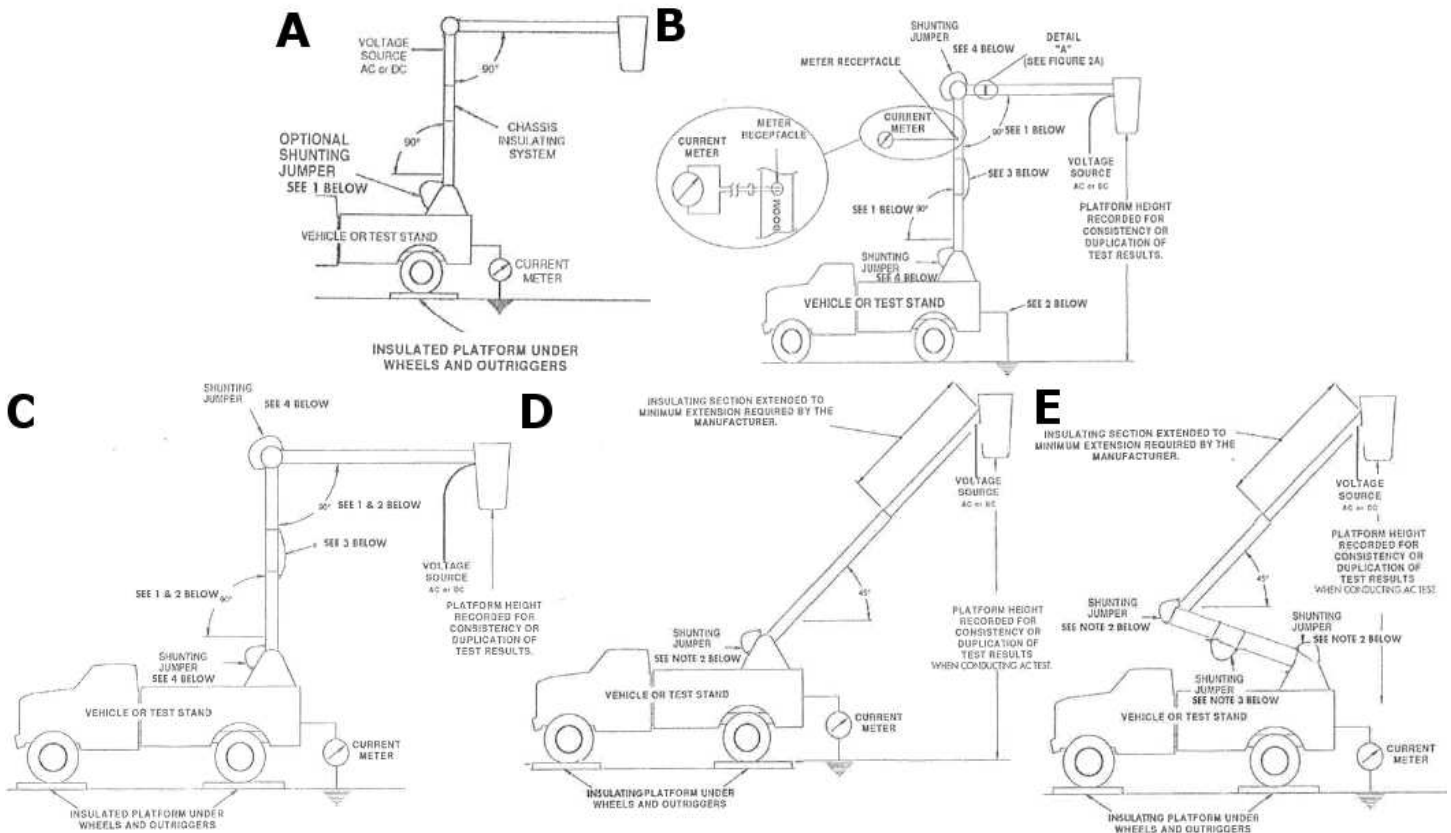
- 1 - Unit not safe for operation. Unit needs to be pulled from service until repairs are made.
- 2 - Unit needs repaired as soon as possible. Problem could lead to unit failure.
- 3 - Repair when possible during normal maintenance procedure.
- 4 - Unit safe for operation. Same as OK.

**THIS UNIT WAS VISUALLY INSPECTED FOR NECESSARY REPAIRS AND/OR MAINTENANCE THAT WERE OBSERVABLE. THIS UNIT WAS NOT DISASSEMBLED. THEREFORE, NO INSPECTION WAS MADE OF THOSE AREAS NORMALLY HIDDEN FROM A VISUAL INSPECTION.**

Inspectors Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Serial #:	2040824984	Division:	PSE
VIN#:	3D6WU7EL4BG557819	ANSI Specification:	A92.2

Test #1 - Upper Boom			
Category:	C	Unit Rating:	46KV
Type:	PERIODIC	<b>TEST LIMITS</b>	
<b>ACTUAL</b>		400UA ALLOWABLE AT 40KVAC FOR 1 MIN	
1 Min:	YES	uA: 220	KVAC: 40
1 Min:		uA:	KVAC:
3 Min:		uA:	KVAC:
Momentary Withstand		uA	KVAC
EXCEEDS LIMITS:	DOES NOT EXCEED LIMITS:	✓	
<b>Test #2 (INSERT)</b>	<b>YES: ✓ NO:</b>	<b>Test #3 (LINERS)</b>	<b>YES: ✓ NO:</b>
Test Voltage (KVAC):	35	Liner # 1 @ 35	KVAC PASS: ✓ FAIL:
Leakage @ 3 Minutes (uA):	550	Liner # @	KVAC PASS: FAIL:
EXCEEDS LIMITS:	DOES NOT EXCEED LIMITS:	Liner shall withstand a minimum of 35 KV rms 60 Hz for 1 minute without flashover or puncturing wall.	
<b>TEST POSITION</b>		<b>TEST EQUIPMENT</b>	
Positions: A: ✓ B: C: ✓ D:		Test Equipment Make:	HI-VOLTAGE
Boom Angle: 90		Test Equipment Model:	ALT-120
Platform Height (ft): 25		Test Equipment Rating:	120 KVAC



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