For questions or assistance, please contact Dave Tinkle:
davetinkle@brundagebone.com | (602) 558-2412

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SERVICE REPORT

Unit #: 4143 Date: 2/8/24

Branch # / Location: 500 - Atlanta

Address: 5280 Jacaranda Dr
Mableton, GA 30126

Equipment Make: Schwing Year:

Equipment Model: 28/24-125

Serial Numbers: 1671343 Pump Hours:

Inspector / Welder: Caleb Weisz

ervice Technician: Illya Zinchenko

Boom Inspection Complete: Yes

Structural Repairs Complete: ☐

Mechanical Repairs Complete: ☐

Other Repairs Complete: ☐

Warranty Repair Complete: ☐

Warranty Turned Into Manufacturer: ☐

Service Description:

8.5 - Hydraulic lines dry rotted and torn, need replaced out to turret to main

Boom Inspector Signature: Date:

Service Technician Signature: Date:

Branch Manager Signature: Date:

BRUNDAGE-BONE CONCRETE PUMPING, INC.

1037 4TH AVE NORTH, KENT, WA 98032

PHONE:(253) 854-3333

FAX: (253) 854-4343

CONCRETE PUMP BOOM INSPECTION

Unit Information

Unit number: 4143 Machine Make: Schwing Model: 28/24-125 Year: _____

Unit S/N: - Boom S/N: 1671343 Operation time (hours): _____

Owner/Company Information: Brundage Bone Concrete Pumping

Company Name: 500 Atlanta BBCP

Address: 5820 Jacaranda Drive

City: Mableton State: GA Zip: 30126

Phone: _____ Fax: _____

Contact Name: Cliff Treadaway Phone: (770) 560-6202

Inspection Completed

Next Inspection Due

Caleb Weisz

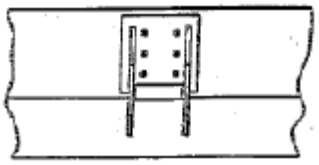
Inspector Name

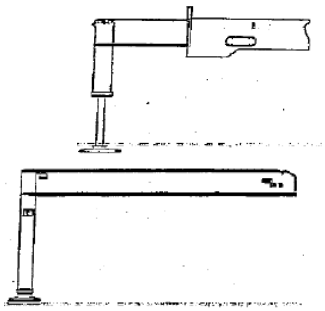
Signature	Date	Month	Year
Caleb T. Weisz	2/6/24	February	2025

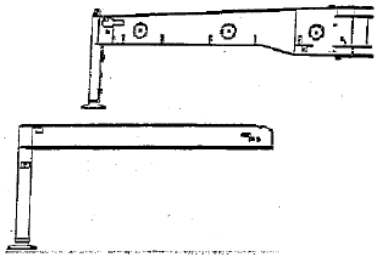
INSPECTION REVIEWED & ACCEPTED BY:

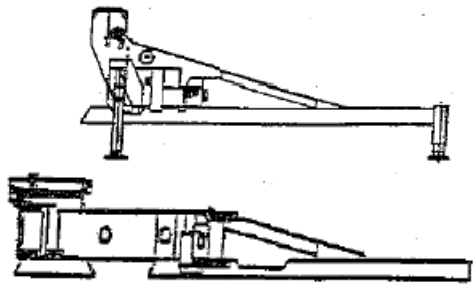
Print Name	Signature	Date
Ilya Zinchenko		2/6/24

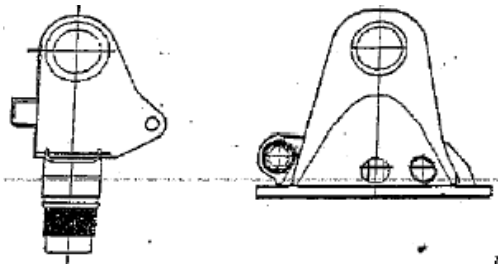
1. SAFETY LABELS		OK	N/A	ACTION				Remarks
				Clean	Adjust	Repair	Replace	
1.1	All safety labels present per Manufacturer's standard decal package.	✔						PB - Visual inspection only
1.2								

2. GENERAL ITEMS		OK	N/A	ACTION				Tie-Down Plate  Remarks
				Clean	Adjust	Repair	Replace	
2.1	Rubber boom rests – Front & Rear							
2.2	Boom Tie-Down Strap							
2.3	Clearance 1/8"– 1/4" at Front Bumper							
2.4	Rear Fender Mud Flap							
2.5	Rear Steps							
2.6	Control Panel Hand Rail							
2.7	Bearing and Pins Greased							
2.8	Tie-Down Plates/Channels To Chassis							
2.9	Emergency Stop System							
2.10	Remote Box Function							
2.11	Deck Pipe Mounting Hardware: U-Bolts / Nuts / Saddles / Pipe Supports							
2.12	Clamps with Safety Devices (Deck Pipe)							
2.13	Sub Frame							
2.14	Axle Stops							

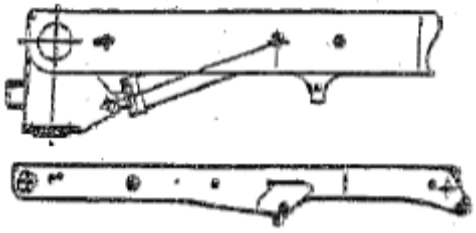
3. FRONT OUTRIGGER		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
3.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear							
3.2	Outrigger Down Tubes							
3.3	Outrigger Pads/Feet							
3.4	Pins, Safety Devices, Out Rigger Stops							
3.5	Operation / Function							
3.6	Hydraulic Lines							
3.7	Cables?							

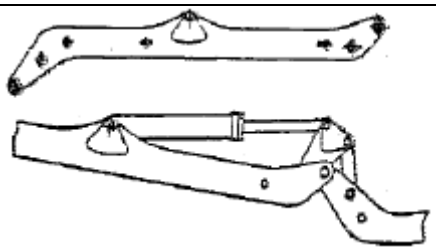
4. REAR OUTRIGGERS		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
4.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear							
4.2	Outrigger Down Tubes							
4.3	Outrigger Pads/Feet							
4.4	Pins, Safety Devices, Out Rigger Stops							
4.5	Operation / Function							
4.6	Hydraulic Lines							

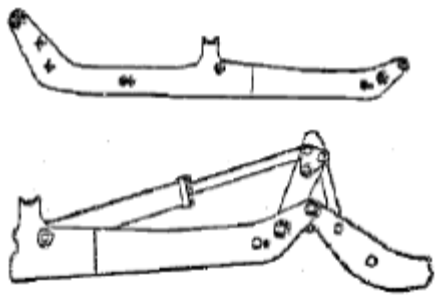
5. TOWER		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
5.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear	✔						Visual inspection only
5.2	Upper Bearing	✔						
5.3	Lower Bearing	✔						
5.4	Bearing Lubrication Recommended	✔						
5.5	Tie-Down Bolts (Replace every 3 years)	✔						
5.6	Rubber Dust Cover	✔						
5.7	Hydraulic Hoses	✔						
5.8	Slewing Cylinders	✔						
5.9	Tower Bolts	✔						
5.10	Spacer Blocks	✔						

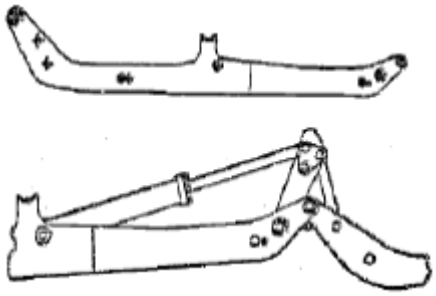
6. MAIN COLUMN OR TURRET		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
6.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear	✔						
6.2	Bearing Eyes for Hollow Pin	✔						
6.3	Hollow Pin Mounting Bolt and Snap Ring	✔						
6.4	Hollow Pin Clearance	✔						
6.5	Tie-Down Bolts (Replace every 3 years)		✔					
6.6	Internal Structure	✔						

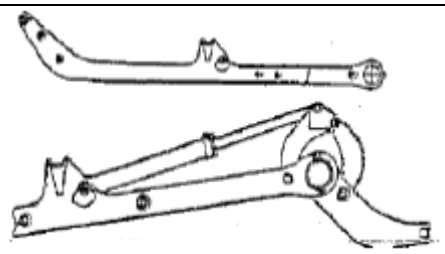
7. SLEWING GEAR		OK	N/A	ACTION				Remarks
				Clean	Adjust	Repair	Replace	
7.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear							
7.2	Bolts Tight (visual check) Bearing & Gear Box							
7.3	Gear Lash (See SAIE 5114)							
7.4	Slewing Bearing							
7.5	Driver Gear Wear or Galling							
7.6	Slewing Bearing Gear Wear or Galling							

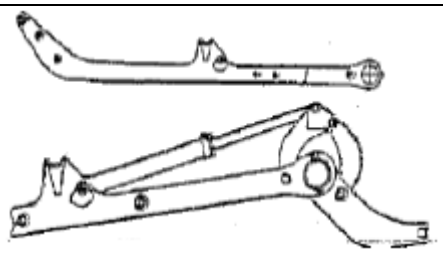
8. BOOM SECTION NO. 1 / A		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
8.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear	✔						
8.2	Articulated Joints and Guide Levers	✔						
8.3	Pins and Safety Devices (Keepers)	✔						
8.4	Latch Hook and Assembly, Hook Support	✔						
8.5	Hydraulic Lines Worn or Damaged						✔	Hydraulic lines dry rotted and torn, need replaced out of turret to main
8.6	Hydraulic Cylinder	✔						
8.7	Threaded Pins - #1 Head Section	✔						
8.8	Mounting Hardware – U-Bolts / Nuts / Saddles, Pipe Supports	✔						
8.9	Clamps with Safety Devices	✔						
8.10	Pipe Hangers	✔						

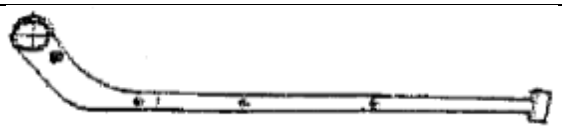
9. BOOM SECTION NO. 2 / B		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
9.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear	✔						
9.2	Articulated Joints and Guide Levers	✔						
9.3	Pins and Safety Devices (Keepers)	✔						
9.4	Boom Rest Area	✔						
9.5	Hydraulic Lines Worn or Damaged	✔						
9.6	Hydraulic Cylinder	✔						
9.7	Threaded Pins - #2 Head Section	✔						
9.8	Hollow Pin		✔					
9.9	Mounting Hardware – U-Bolts / Nuts / Saddles, Pipe Supports	✔						
9.10	Clamps with Safety Devices	✔						

10. BOOM SECTION NO. 3 / C		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
10.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear	✔						
10.2	Articulated Joints and Guide Levers	✔						
10.3	Pins and Safety Devices (Keepers)	✔						

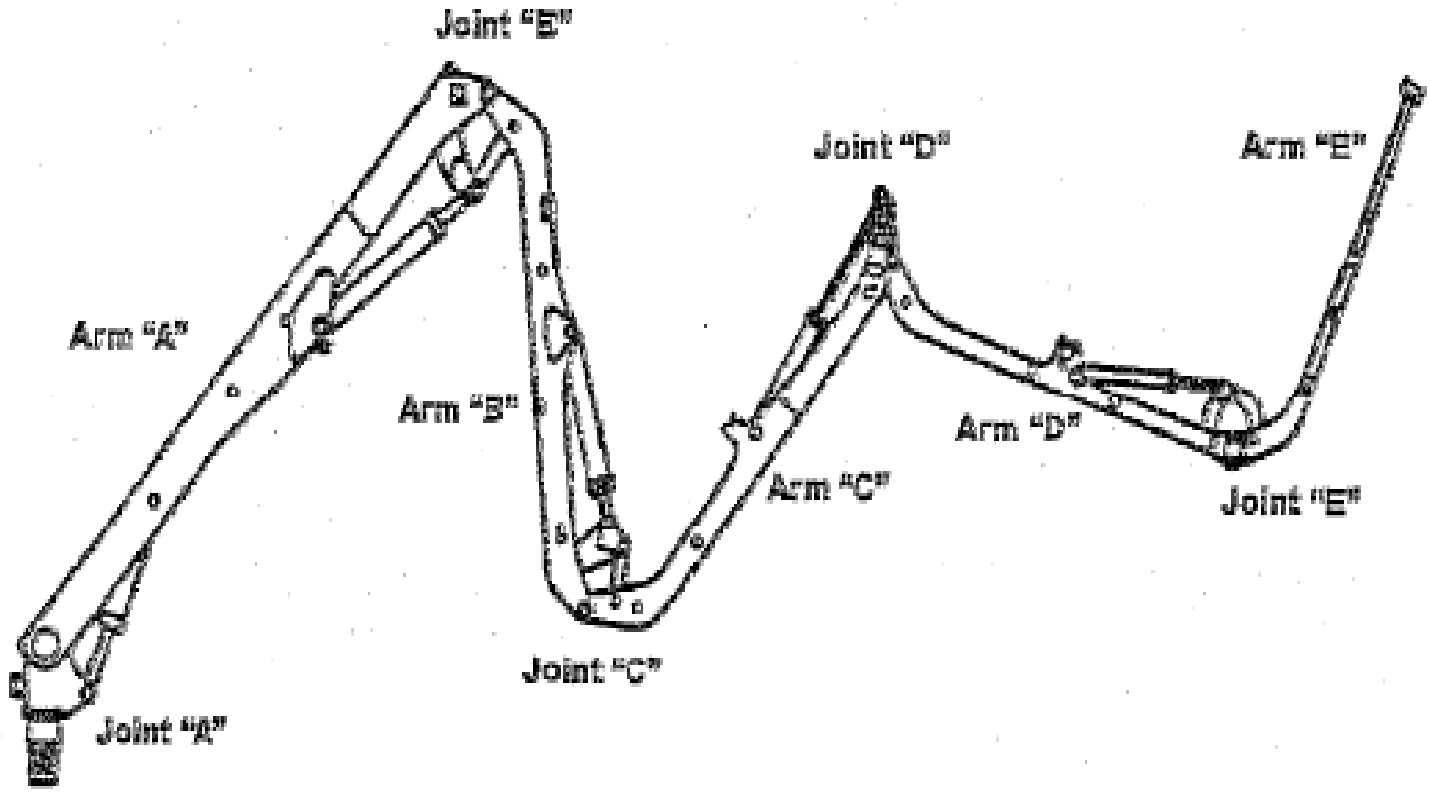
10. BOOM SECTION NO. 3 / C Continue		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
10.4	Boom Hook Bracket	✔						
10.5	Hydraulic Lines Worn or Damaged	✔						
10.6	Hollow Pin Mounting Bolt and Snap Ring		✔					
10.7	Boom Guide Bracket	✔						
10.8	Hydraulic Cylinder	✔						
10.9	Threaded Pins - #3 Head Section	✔						
10.10	Mounting Hardware – U-Bolts / Nuts / Saddles, Pipe Supports	✔						
10.11	Clamps with Safety Devices	✔						
10.12	Pipe Hangers	✔						

11. BOOM SECTION NO. 4 / D		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
11.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear							
11.2	Articulated Joints and Guide Levers							
11.3	Pins and Safety Devices (Keepers)							

11. BOOM SECTION NO. 4 / D Continue		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
11.4	Boom Rest Area							
11.5	Hydraulic Lines Worn or Damaged							
11.6	Hydraulic Cylinder							
11.7	Threaded Pins - #4 Head Section							
11.8	Hollow Pin							
11.9	Mounting Hardware – U-Bolts / Nuts / Saddles, Pipe Supports							
11.10	Clamps with Safety Devices							
11.11	Pipe Hangers							

12. BOOM SECTION NO. 5 / E		OK	N/A	ACTION				 Remarks
				Clean	Adjust	Repair	Replace	
12.1	Structural Members and Weld Seams for Cracks, Deformation, and/or Wear							
12.2	Articulated Joints and Guide Levers							
12.3	Pins and Safety Devices (Keepers)							
12.4	Boom Guide Bracket							
12.5	Hydraulic Cylinder							
12.6	Mounting Hardware – U-Bolts / Nuts / Saddles, Pipe Supports							
12.7	Clamps with Safety Devices							
12.8	Pipe Hangers							

13. END HOSE SECTION		OK	N/A	ACTION				Remarks
				Clean	Adjust	Repair	Replace	
13.1	Reducer Safety Cable	✔						
13.2	End Hose Safety Cable	✔						
13.3	Weld Eye on End Hose	✔						



14. BEARING CLEARANCES: COLUMN INDICATES UNSAFE
* means measure every inspection (See SAIE 5114 &5115 for Specifications)

POSITION	ACTUAL BEARING CLEARANCE				ACTUAL PIN BORE CLEARANCE			
	Measure Driver Side	Measure Passenger side	Maximum Allowed	Action	Measure Driver Side	Measure Passenger side	Maximum Allowed	Action
*Hollow Pin								
*Upper Bearing								
*Lower Bearing								
*Rollix Lash								
Rollix Clearance								
A								
B								
C								
D								
E								
F								
*1								
2								
3								
3.1								
4								
*5								
6								
7								
7.1								
8								
*9								
10								
11								
11.1								
12								
13								
14								
15								
15.1								
16								
17								
18								
19								
20								

COMMENTS & ITEMS FOR REPAIR:
PLACING BOOM INSPECTION - VISUAL INSPECTION ONLY