Section 1: Document current condition



			mer:				
Machine	Serial Nu	mber:	80401	5129	Hours:		9,336.3
Engine ⁻	Туре:	QSC 8.3		_Engine Serial N	umber:	738	83700
Take pict		ollowing items I, S/N, hours on		unit loaded on the	trailer:		
<u> </u>	Front view	I, 3/ IV, 110u13 011	in/out be	Right-rear corner view	ı	4	Left view
\checkmark	Right-front co	orner view	√	Rear view	'	✓	Left-front corner view
<u> </u>	Right view		✓	Left-rear corner view		✓	Fuel tank
✓	Rail wheels		<u></u>	Couplers		√	Oil Cooler
√	Rail air hoses		✓	Mirrors (reflective side	e)	√	Sander tubes
√	Tires		J	Hydraulic reservoir		√	Radiator
\checkmark	Cab interior		4	Controls		\checkmark	Headliner
✓	Lights and ho	rns	✓	Engine compartment		✓	Unit serial number stamp
✓	Manuals	ed to WO #3074	✓	Other accessories			Other visibly damaged areas
ble pe			able	per			
☐ △ △ Operable ☐ Not Operable		ars (all gears) ars (all gears) r	스 스 Operable	Headlights Turn signals Parking brake			
✓ □ ✓ □	Reverse Gea	ars (all gears)	✓ ✓	☐ Headlights☐ Turn signals			
✓ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Reverse Gea	ars (all gears) r	\ \ \	☐ Headlights☐ Turn signals☐ Parking brake			
	Reverse Gea Accumulator Radiator Air Compres	ars (all gears) r ssor	\ \ \ \	☐ Headlights☐ Turn signals☐ Parking brake☐ Brakes☐ Throttle			
Image: square of the content of the	Reverse Gea Accumulator Radiator Air Compres Front rail ge	ars (all gears) r ssor ar up/down	\ \ \ \ \ \	 ☐ Headlights ☐ Turn signals ☐ Parking brake ☐ Brakes ☐ Throttle ☐ Engine (noises 	s/leaks)		
Image: square of the content of the	Reverse Gea Accumulator Radiator Air Compres Front rail gea Rear rail gea	ars (all gears) r ssor ar up/down ar up/down	\ \ \ \ \ \	 ☐ Headlights ☐ Turn signals ☐ Parking brake ☐ Brakes ☐ Throttle ☐ Engine (noises ☐ Other: 	s/leaks)		
Image: square of the content of the	Reverse Gea Accumulator Radiator Air Compres Front rail gea Rear rail gea Front couple	ars (all gears) r ssor ar up/down ar up/down er left/right	\ \ \ \ \ \	Headlights Turn signals Parking brake Brakes Throttle Engine (noises Other:	s/leaks)		
	Reverse Gea Accumulator Radiator Air Compres Front rail gea Rear rail gea Front couple Front couple	ars (all gears) r asor ar up/down ar up/down er left/right er open/close	\ \ \ \ \ \	 ☐ Headlights ☐ Turn signals ☐ Parking brake ☐ Brakes ☐ Throttle ☐ Engine (noises ☐ Other: ☐ ☐ 	s/leaks)		
	Reverse Gea Accumulator Radiator Air Compress Front rail gea Rear rail gea Front couple Front couple Rear couple	ars (all gears) r asor ar up/down ar up/down er left/right er open/close	\ \ \ \ \ \	 ☐ Headlights ☐ Turn signals ☐ Parking brake ☐ Brakes ☐ Throttle ☐ Engine (noises ☐ Other: ☐ ☐ ☐ ☐ 	s/leaks)		

Completed By: James Batman Date: 3/25/2019

Section 2: Wash, Drive, Check for Leaks



	Wash unit completely so it is ready for the in depth inspection
Ш	Drive machine to corner of Dr. Greaves and Merritt, check all gears in manual and auto
	** if condition of the machine warrants concern to drive on the road simply test gears in the parking lot **
	Complete an in depth inspection for leaks and note anything that appears to be an existing leak
	Document any other abnormalities and pull inside for inspection
Commen	L o.
Rear Dull	per has mager damage on the right side. The front daily air drain is damaged. Needs all 4 new tires

Completed By: <u>James Batman Date</u>: <u>3/25/2019</u>

Section 3: Inspection



MAIN FRAME Comments: Frame Integrity (Cracks) the rear bumper has serious damage to the 1" steel Front 2 Front-Left 3 Left 4 Back-Left 5 Back 6 Back-Right Right Front-Right 8 9 High-Rail Cylinder Brackets & Pin Holes **Battery Box** Oscillating Brackets Oscillating Bushings and Pins 13 Cab Step **14** Switchman steps Safety Warning Labels 15 16 17 18

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	ELECTRICAL	OK Y	RPR	RPL	SRV		
1	Strobe Light	✓	Щ	Щ	Щ	Щ	There are several sander pipes that are missing.
2	Front Head Light	✓	Ш	Ш	Ш	Ш	Driver side switchman light very dim
3	Front Park Light	✓	Ш		Ш	Ш	Back alarm is not that loud. You really have to
4	Rear Head Light	4					leasson for it
5	Rear Stop & Tail & Turn Light	7					
6	Front & Rear Rail Wheel & Coupler Light	4					
7	Switchman Step Light		✓				
8	Work Light	4					
9	Stop Light Switch	4					
10	Back Up Alarm	4					
11	Battery & Battery Cables	4					
12	Master Disconnect Switch	4					
13	Starter Relay	4					
14	Sanders (8) & sander Relay (2)		✓				
15	General Wiring Condition	4					
16							
17]
18]
19]
20							1

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	POWER PLANT	OK	RPR	RPL	SRV	Inatial	Comments:
1	Engine & Mounts	√					This Shuttle wagon is past due for a 2,000hr p.m.
2	Engine Oil Level		√				
	Engine Oil Filter		4				
4	Engine Oil Sender	✓					
5	Engine Oil Pressure (At Full RPM With Manual	4	\Box	\Box	I_{\Box}	I_{\Box}	
	Gauge)(Lbs)	_				Щ	_
	Engine Coolant (-40F)	✓	Щ	Ш	Щ	Щ	
	Coolant Filter	Щ	✓	Щ	Щ	Щ	_
	Water Temp Sender	√	Щ	Ш	Щ	Щ	_
	Air Cleaner Assembly	Ц	4	Ш	H	Щ	_
	Air Intake System Assembly	✓	Щ	╙	닏	Щ	_
	Charge Air System	√	Н	H	H	Щ	_
	Alternator & Battery	√	Н	H	H	Н	4
	Starter	4	Н	₩	H	₩	-
	Belts	√	H	₩	⊬	H	-
	Hoses	✓ ✓	H	H	H	H	-
	Pump Drive Air Compressor (0 to 100 PSI At 1200 RPM In	Ľ	ш	ш	Ш	ш	-
	the Wet & service Tank Only)		✓				
	Radiator & Mounts	4				\vdash	-
	Exhaust Pipe, Muffler & Rain Cap	7	H	╫	╫	╁Ħ	1
	Fuel Filter System	H	7	╫	H	H	1
	Throttle Cable & Brackets	7	Ħ	H	H	H	1
	Transmission	_		┢	_	1	1
	Trainsmission Oil Level	П	4			\Box	1
	Trainmission Oil Filter	П	4		ī	П	1
	Trainmission Shifter	V					1
	Forward & Reverse (1-2-3)	4]
	2-Wheel & 4- Wheel Drive (Engine RPM2000 /Transmission Temp 100-200) In Neutral	7					
26	Transmission Pump Pressure (4060 PSI)	✓]
27	Transmission Converter In Pressure (60115 PSI)	7					
28	Transmission Converter Out Pressure (4090 PSI)	<u> </u>					
	Transmission Cooler Fan Switch & Relay	√	Щ	끧	Щ	Щ	1
30	Transmission Cooler Fan	√	Ш	Ш	Ш	Ш	
31							-
32				ļ			_
33		_		-	-		
34		_		 	1	<u> </u>	
35 36		-			\vdash		-
37							1
38					\vdash	1	1
39						1	1
40				1		1	1

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	DRIVE TRAIN			2			>	Inatial	
			Š	RP		7	SRV	lna	ı
1	Wheels & Tires			4					
2	Tire Pressure	[-	√						П
	FRONT AXLE								
3	Differential Oil Level	Ŀ	√		\prod				Γ
4	Planetary Oil Level	Ŀ	√		\prod				
5	King Pin Bushing (4)	Ŀ	J		\prod				
6	Steering Cylinder & Pins		√						
7	Stright Ahead (WorkingAdjustmentLube		√						
8	Steering Knuckle Cylinder Bushing (2)	Ŀ	√						
9	Steering Knuckle		√		\prod				
	Hub seals	[-	√] [[
	Axle & Spindle Seals (4)	[-	√						
	Differential Oil Leaks	[-	√						
	Pinion Seal Oil Leak	[-	√						
	Drivshaft & UJoint	[√] [
	REAR AXLE								
15	Differential Oil Level	Ŀ	J						ſ
16	Planetary Oil Levels		√		\prod				
	Hub Seals		√						Ī
18	Differential Oil Leaks		√						Ī
	Pinion Seal Oil Leak	[-	√] [Ī			Ī
	Driveshaft & UJoint	Į.	√		וונ				Ī
21					1				_
22					Ť				_
23					T				_
24					1				_
25					1				_
26					1				-
27					+				-
28					+				-
	I			<u> </u>				<u> </u>	-

Inspection Completed By:	Date: / /
inspection Completed by:	Date: 1 1

	BRAKES	OK	RPR	00	RFL	SRV	Inatial	Comments:
1	Brake Shoes	√						Both brake resavors were really llow
2	Brake Callipers	✓						
3	Brake Disc	✓						
4	Foot Brake Valves (2)	✓						
	Pressure Regulator Valve	✓						
6	Master Cylinders	✓						
7	Parking Brake	√						
8	Hand Park Brake Lever	√						
9								
10								
11								
12								
13								
14								

Completed By: <u>James Batman</u> Date: <u>3/25/2019</u>

	CAB		æ		SRV	ıtia	
	OAB	OK	RP	RP	SR	Ina	Comments:
1	Cab Integrity	4					
2	Windshield Wipers (Bent or Broken)	4					
3	Rear Wipers (1 or 2)	4					
4	Horn (2)	✓	Ш	Ц			
5	Seat Belt (3)	4	Ц	Ц	Ш	Ц	
6	Seat Upholstery (Drive &	4	Щ	Ц	Щ	Щ	
7	Seat Adjustor	Н	7	Ш	Ш	Щ	4
8	Seat Rotation Locks	<u> </u>	Н	H	H	Н	_
9	Floor Mat	√	H	H	H	H	_
10	Cab Interior	✓ ✓	H	H	H	H	4
11 12	Dome Lights (2) Dash Lights	\ \ \	H	H	H	H	-
	High WaterLow Oil Engine Warming Buzzer	7	H	H	H	H	
	Hydraulic Temperature Warning Light	7	H	H	H	H	1
15	TransmissionTemperature Warming Light	7	H	H	H	H	1
16	Low Air Warming Buzzer & Light	4	Ħ	Ħ	H	H	1
	Accumulator Light	7	Ħ	Ħ	Ħ	Ħ	1
	Park Brake Light	1	靣			厅	1
	Low rail Pressure Warning Buzzer & Light	4					1
20	Oil Pressure Gauge	4					
21	Engine Temperature Gauge	4					1
22	Amperage Gauge (DC Volts)	√					
23	Fuel Gauge	1					
24	Tachometer With Hour Meter	4					
25	Transmission Temperature Gauge	4	Ш	Ц	Ц	Ц	
26	Air pressure Gauge	✓	Щ	Ц	Ш	Ц	
27	Rail Air Pressure & Brake Gause	4	Щ	Щ	Щ	Ц	
28	Rail HydaulicPressure Gauges (2)	<u> </u>	Щ	H	Н	H	4
29	Heater- If Equipped (Check all speeds)	✓ ✓	Н	H	H		_
30	Air Conditioning-if equipped	√	H	H	H	H	1
31 32	Deforster Fans (2) Front Windshield	4	H	H	H	H	4
33	Rear Windows	-/	H	H	H	H	-
	Door Windows	7	H	H	H	H	_
35	Side Windows	√	H	H	H	H	1
36	Door Window Regulators	7	H	H	Ħ	H	1
37	Door Latches Side & Rear	V	Ħ	Ħ	П	Ħ	-
38	Door Hinges Side & Rear	4	Ħ			Ħ	1
	High-Rail Valve Bank	4					1
40	Turn Signal Swith	1					
41	Front Head Light Switch	4					
42	Rear Head Light Switch	4					
43	Strobe Light Switch	✓					
44	Rail & Coupler Light Switch	✓	Щ	Щ	Щ	Щ	
45	Deforster Fan Switchs (2)	4	Щ	Щ	Щ	Щ	_
46	Park Brake Switch	✓	Щ	H	닏	끧	4
47	Coupler Postion Switchs (2)	√	H	H	H	╟┤	4
48	Coupler Release Switchs	✓	₩	H	H	⊬	-
49	Rail Wheels Up Switch (2)	√	⊬	H	H	⊬	-
50	Streering Lock Switch	✓ ✓	H	H	H	屵	1
51 52	Drive Mode Switch Rail Air Brake Dump Valve	√ √	H	₩	H	⊬	1
	Rail Air Brake Control Valve	√ √	H	H	H	H	1
54	Control Operation Labels	7	H	H	H	H	1
J4	Control Operation Labels	ت	ш	Ш	ш	ш	J

55	Manuals Present and in Good Condition	✓		
56				
57				
58				
59				
60				
61				
62				
63				

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	AIR SYSTEM	OK	RPR	RPL	SRV	Inatial	Comments:
1	Secondary Compressor Hydraulic Motor Powered (0 to 100 PSI At 1200 RPM in Rail air Tank Only)						I could not complete this section due to the fact I
2	LeaksAir & Oil						could not get the unit above 60 psi
3	Sound, Flow, Pressure (105 psi)						The forward daily drain valve is damaged
4	Air Drying system (venting 115 psi) No Longer Than 20 Sec.						
5	Air Drying system (make sure dry)						
6	Air Dryer Filters						
7	Scavenger Valves (ingersol rand only)						
8	Belt Condition (ingersol rand only)						
9	Belt tension and adjustment & guard(ingersol rand only)						
10	Compressor Mount (cracks, tight (ingersol rand only)						
11	Air drains (operational)	П	П	П	П		
12	In-line air strainer						
13							
14							
15							
16							

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	RAIL GEAR	OK	RPR	RPL	SRV	Inatial	Comments:
1	Rail Arm pins and bushings (excess play/wear)	1					
2	Spindle (damage, bent,)	✓					
3	Wheel Flanges (check gauge 53 3/8)	√					
4	Wheel Bearings and Torque	>					
5	Grease Seals	>					
6	Rail Gear Hydraulic Cylinders	√					
7	Rail Gear Cylinder Pins	>					
8	Hydraulic Hoses	>					
9							
10							
11							
12	<u> </u>						

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	HYDRAULIC	OK	RPR		RPL	SRV	Inatial	Comments:
1	Hydraulic Tank Integrity	√][[
2	Hydraulic Oil Level	4	L	Щ		Ц	Ш	
3	Hydraulic Hoses/ Tubing (Wear)	✓	Ļ	Щ	Щ	Ц	Ш	1
4	Return Filter	✓	Ļ	Щ	Щ	Ц	Ш	
5	Pressure Filter	✓	┞	Щ		Ц	Ш	
6	Main Hydraulic Pump (2600 PSI)	✓	┞	Щ		Ц	Ш	
7	Stand by pressure (500 PSI)	✓	┞	Щ		Ц	Ш	
8	Main Valve Bank Pressure Relief Valve (2850)	✓	<u> </u>	Щ		Ш	Ш	
9	Steering pressure (2000 to 2500 depending on model)	√		ו נ				
10	Accumulator warning setting (1600)	√						1
11	Accumulator Precharge (500 to 650 depending on model)	✓] [
12	Accumulator High setting (2350)	4		Ш				1
13	General Hose Condition	4		Ħ				1
14								1
15								1
16								
17								
18								
19								
20								
21								
22								

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								_
	COUPLERS	OK	RPR		RPL	SRV	Inatial	
1	Coupler tower (check for excess play)	√][[
2	Coupler tower (check for cracks or impact	4		ılı		П	\Box	
	damage)			1		_		l
3	Follower plates (cracks broken)	✓		\prod				
4	I-Bolt (excessive wear)	✓] [[l
5	Rebound pads (cracks, damage, bulging)	√] [
6	Coupler Box (damage)	√] [
7	Coupler Cover Plate	√] [
8	Hold Down Plates & Wear Angle	√] [
9	Opens and closes freely	✓		\prod				
10	Coupler hydraulic cylinders (leaks and functional)	~] [
11	Coupler Air Release cylinders	✓] [
12	Coupler Air Release Valve	√] [
13								
14								
15								
16								
17								•

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