

Location: Boom and Bucket

TRUCK AND EQUIPMENT CONSULTING LLC – PORTABLE POWER LIGHT TOWER

Date
(Y/M/D) 4/18/2023

Inspector
Initials A.B.

(Basic Information)	
(Make)	Frontier
(Model)	PT4000K 30Ft Portable Lighting System
(Serial Number)	2F9US1138AE080028
(Year of Manufacturing)	2010 (built 11/2021)
(Hour Meter Reading)	6169.4 Hrs
(Lumens)	(4) 1000w bulbs
(Engine)	Kubota 32Hp Diesel RPM =1800
(Fuel Capacity)	(2) 21 gal tanks
(Lumens Capacity)	440,000

- A (Near to Brand New or Excellent Condition)
 B (A little Wear and Good Condition)
 C (Fair Workable Condition for Hour Meter Reading)
 D (Workable but minor repair is required)
 E (Workable but major repair is required)

Specification and Dimensions	
Power	Stamford Brushless Alternator / Generator
height/ Coverage	30 Ft / 5-7 acres
Rotation	350 degree
GVWR/GAWR	GVWR =3894 lbs / GAWR =3476 lbs
Killowat Rating	21 – 23 kW
A/C Outlets	(2) 15 Amp / (4) 30 Amp
Tires/Axles	Marathon ST205-75-R15C / 3500 lbs axle
Mast	3 Section / 30 Ft height
Other	Block Heater, Vibration Isolation
Other	Circuit Breakers all A/C outlets, Std tow hitch

	(Check List)	A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)		X				Good Appearance No damage Level stance
	(General Appearance-Rear)		X				Good Appearance No damage Level stance
	(General Appearance-Right)		X				Good Panels No damage
	(General Appearance-Left)		X				Good appearance
	(General Appearance-Upper)		X				Good condition No damage
	(Major / Minor Surface Rust)		X	X			Some surface rust No damage Cosmetic only
	(Body Panels / Covers – Rust Damage / Cancer)		X				Good condition No damage
	(Visible Weld Repairs / Stress Cracks)		X				Good
	(Frame Condition)		X				Good appearance Some surface rust
	(Chassis / Undercarriage Damage)		X				No damage seen Good panels
OPERATOR'S STATION	(Operator Station)		X				Complete Good appearance
	(Operator Controls and Switches)		X				Good function
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Gauges Working
	(Secured Light Storage)						n/a
	(Cable + Crank)		X				Cable + Crank Working
	(Access Window)		X				Clear window No damage
	(Covers + latches)		X				Good latches and covers No damage
E N G I N E	(Oil Color / Fluid Appearance)		X				Good appearance No contaminants seen No foul/burnt odor
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start No unusual noises
	(Engine Exhaust Color – White / Blue / Black / Clear)		X	X			Thick heavy black at startup then turns clear
	(Oil Leaks)		X				None seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues at startup Clear at operating temp
	(Coolant Color / Fluid Appearance)		X				Good Coolant appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No noises or leaks seen
	(Coolant Leaks from Radiator)		X				None
	(Overall Engine Appearance Clean / Wet / Dry)		X				Dusty but Dry appearance
ELECTRICAL OVERALL	(Overall appearance of Electric wires/connections – worn/cracked)		X				Good appearance No wear or damages seen
	(Control Panel)		X				Good Panel No damage
	(Circuit Breakers)		X				Good appearance
	(Controls / Switches Condition)		X				Controls + switches Good appearance
	(Service Records / Maintenance History)		X				filter labeled 5506 hrs (unclear)

ELECTRICAL	(Lighting System)			X				Working	
	(Safety Shutdown)			X				Working	
	(Battery Condition)			X				Good appearance	
	(Relay / Control Box)			X				Working	
LIGHT MAST SECTIONS	TOWER PEDELSTAL			X				Good appearance and function	
	MAST ASSEMBLY (3 Sections)			X				Good appearance No damage	
	LIGHT ASSEMBLY			X				Good appearance No damage	
	HITCH ASSEMBLY			X				Good appearance No damage	
	FRAME ASSEMBLY			X				Good appearance No damage	
	TANKS / AUX TANKS			X				Good appearance No damage	
TRAILER	CANOPY SHELL			X				Good appearance No damage	
	TRAILER DECK			X				Good appearance No damage	
	TRAILER DECK			X				Good appearance	
	TRAILER FRAME+CHASSIS			X				Good function	
	(TIRES Condition)	(Front)	Right Front *(A)to(E)	X				Tires =B Good appearance	use (A)90% to (E) 20%
			Left Front *(A)to(E)	X				Tires =B Good appearance	
		(Rear)	Right Rear						
			Left Rear						
	Outriggers							N/A	
	B R A K E S	Brake			X				Electric Brake Good Function
Noises ?			X				None		
Controls			X				Good function		
Undercarriage	Front Axle			X				Good appearance	
APPEARANCE	Rear Axle							N/A	
	Tandem Axle							N/A	
	Suspension			X				Normal – No damage No issues	
OPERATION	MAST RAISE AND LOWER			X				Good raise + lower	
	MAST ROTATION			X				Good Rotation Performance	
	ENGINE FUNCTION			X				Good engine idle and function	
	GENERATOR FUNCTION			X				Good generator function	
RATINGS	OVERALL VISUAL INSPECTION			X				Good Appearance 1 light grille missing	
	COMMENTS			X				Some surface rust No damage Cosmetic only	
	OVERALL PERFORMANCE INSPECTION			X				Good Functionality	
	COMMENTS			X				Good Performance Evaluation	

OVERALL EXTERIOR RATING: B QUALITY: B
 OVERALL INTERIOR RATING: B SAFETY: B
 OVERALL PERFORMANCE: B FUNCTIONALITY: B
OVERALL GRADE EVALUATION: B
 FLUID SAMPLE REQUEST (Y/N) n OIL n COOLANT n

TRANSPORT DIMENSIONS: (reff only)

LENGTH: 16 Ft 7 in
 WIDTH: 80 inch
 HEIGHT: 30 Ft
 WEIGHT: 3500 lbs

*A:Remaining Ratio 90% or more
 *B:Remaining Ratio 70% or more
 *C:Remaining Ratio 50% or more
 *D:Remaining Ratio 20% or more
 *E:Remaining Ratio 20% or less