



**Power Trade X (PTX)**  
**Generator & Trailer Inspection Checklist**  
 A Division of CES | ConstEquip Solutions LLC



Inspection ID: \_\_\_\_\_ Date: \_\_\_\_\_

**General Information**

Manufacturer: INJULSOI RAND Model: G145 Year: 2008

Serial No.: A03304UG5C27 Meter: \_\_\_\_\_

Overall Appearance:  Clean  Average  Rough

Enclosure Type:  Sound-Attenuated  Standard  Custom

Trailer VIN / Tag:  Yes  No VIN #: 4FVGEBCB68U403304

Controller Mfr: \_\_\_\_\_ Digital  Analog  Paralleable

**Accessories & Documentation**

- Oil Filter
- Remote Start / Control Wiring
- Fuel Quick Connect
- Cam-Loks

Battery Condition:  Good  Weak  Needs Replacement

Battery Charger:  Yes  No Brand: \_\_\_\_\_

**Summary & Sales Readiness**

- Engine:  Excellent  Good  Fair  Needs Work
- Generator End:  Excellent  Good  Fair  Needs Work
- Enclosure / Trailer:  Excellent  Good  Fair  Needs Work
- Electrical / Controls:  Excellent  Good  Fair  Needs Work

Overall Unit Condition: \_\_\_\_\_

Notes / Issues: \_\_\_\_\_



**Air & Fuel Systems**

1. Air Inlet System & Air Filters

- Excellent  Good  Fair  Needs Work

Action Taken:

2. Fuel Filters – Primary / Secondary

- Excellent  Good  Fair  Needs Work

Action Taken:

3. Fuel Lines

- Excellent  Good  Fair  Needs Work

Action Taken:

4. Fuel Tank

- Excellent  Good  Fair  Needs Work

Action Taken:

5. Water Separator

- Excellent  Good  Fair  Needs Work

Action Taken:

**Electrical & Control Systems**

6. Alternator

- Excellent  Good  Fair  Needs Work

Action Taken:

7. Batteries

- Excellent  Good  Fair  Needs Work

Action Taken:

8. Battery Charger

- Excellent  Good  Fair  Needs Work

Action Taken: N/A

9. Controller

- Excellent  Good  Fair  Needs Work

Action Taken:

10. Gauges

- Excellent  Good  Fair  Needs Work

Action Taken:

11. Governor

- Excellent  Good  Fair  Needs Work

Action Taken:

12. Remote Annunciators & Alarms

- Excellent  Good  Fair  Needs Work

Action Taken:

13. Safety Controls

- Excellent  Good  Fair  Needs Work

Action Taken:



**Electrical & Control Systems (cont.)**

14. Starter

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

**Cooling & Lubrication**

15. Coolant & Coolant Filters

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

16. Crankcase Breather(s)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

17. Engine Oil & Oil Filters

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

18. Radiator

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

19. Water Pump

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

20. Jacket Water Heater

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

**Mechanical Components**

21. Bearings

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

22. Block Heater

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

23. Exhaust Manifold

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

24. Fan and Fan Drive

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

25. Turbocharger(s)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_



**Mechanical Components (cont.)**

26. Vibration Isolators

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

**Additional Checks**

27. Sound Attenuation Insulation

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

28. Breakers

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

29. Hoses & Connections

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

30. Collect Oil & Coolant Samples

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

31. Voltage Check

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

**Trailer & Mobile Mounting Systems**

32. Trailer Frame & Structural Integrity

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

33. Axles & Suspension Components (springs, equalizers, hangers, U-bolts)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

34. Wheel Bearings (inspection, lubrication, seals)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

35. Rims / Wheels (cracks, bends, lug condition)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

36. Tires (tread, sidewall, age, inflation)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_

37. Braking System (electric/hydraulic brakes, breakaway system)

- Excellent  Good  Fair  Needs Work

Action Taken: \_\_\_\_\_



**Trailer & Mobile Mounting Systems (cont.)**

38. Running Lights & Markers (headlights, brake, turn, reflectors)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

39. Trailer Electrical Wiring & Connectors (plug, junction box, chafing, corrosion)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

40. Tongue / Hitch Assembly (coupler/pintle ring, welds, hardware)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

41. Safety Chains & Hooks (condition, attachment points, rating)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

42. Jack / Landing Gear (operation, lubrication, mounting)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

43. Generator Mounting to Trailer (bolts, isolation mounts, alignment)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

44. Fuel Tank Mounting (If Trailer-Mounted) (straps, brackets, leaks)

- Excellent     Good     Fair     Needs Work

Action Taken:   N/A  

45. Fender & Guard Condition (clearance, secure mounting)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

46. VIN Plate / Identification & Compliance Labels (present, legible)

- Excellent     Good     Fair     Needs Work

Action Taken: \_\_\_\_\_

**Technician / Evaluator Sign-Off**

Technician / Evaluator: \_\_\_\_\_

Signature: \_\_\_\_\_

*[Handwritten Signature]*  
*Raymond Taylor*