
Marine Inspection Report



Ready to deliver signed PDF Inspection Report generated using HVI Mobile Inspection App. Most advanced secure cloud based Mobile App to prepare professional Reports, with editable checklists, offline reporting, editable pictures, video notes and voice notes. Manage Equipment Inspection, Maintenance, WorkOrder, all prior history and Vehicle Digital Record keeping.

Download the App from HERE - <https://goo.gl/5SMuiW>

Heavy Vehicle Inspection (HVI) is a secured private cloud based Digital Platform. Bring faster speed of information, improved efficiency with HVI Mobile App, Web Portal and Digital Displays, ability to handle high data volume with images, videos, auto data sync, and data orchestration all in offline mode.

HVI delivers the most technically advanced and intuitive Inspection Maintenance management system. The app platform empowers the Operators, technicians and remote field staff with the tools they needed to efficiently manage their day-to-day operations and maximize company profits. All inspection documents, Maintenance requests or Schedules available for use by multiple operators, records can be submitted from anywhere using multiple devices and multiple employees spread across geographical locations.

The portal is compatible with latest google Chrome and Microsoft IE 11 (Internet Explorer) and Apple Safari browsers.

APPLE Device Users - iOS users can use the application using the iPhone or iPad browsers on below link. Use below URL to login to the system.

PORTAL LINK or (<http://heavyvehicleinspection.com/portal/portal.html>)

Marine Engine Inspection Report



Inspection Details

Report # JRS12345

Location: Surat Thani

Inspection Date: 15-Apr-2017

Inspector Name: Rodey

Vehicle Information

Vehicle Category: Boat Engine

Vehicle Name: PIDS Port Engine

Vehicle #: 1234

VIN #: XU00909XXUT

Meter Reading: Miles

Model/Year: Yamaha 200 AET V6

Operator Name:

Performance/ Safety/ Quality/ Functionality Inspection Checklist

Sr.No	Inspection Checklist	Note	Good	Repair	Replace	N/A
1	Battery fluid		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Battery marked customer's name		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Battery selector switch	Install battery Isolating switch and crossover switch = 9,000Thb	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Battery terminals secure / greased	Apply grease	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Battery tied down / secure	Fit battery tie downs 1,500Thb	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Bilge - Clean / Fuel Odour	Bilge appears OK - but should be cleaned.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Bilge - High level warning		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Bilge - Pump	Did not test.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Bilge - Pump 2 hoses / switch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Bilge - Pump 3 hoses / switch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Sr.No	Inspection Checklist	Note	Good	Repair	Replace	N/A
11	Control cables linkage etc	Replace = 5,000THB	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Control Emergency Kill Switch	Not tested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Control Gauges / Horn		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Control Gear Shift		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Control Helm Reservoir	Not inspected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	Control Nav lights / Sounder / Radio		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	Control Trim Switch		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Engine cooling intake strainers		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Engine cooling thermostat	Check / remove	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	Engine cooling water pump	History unknown - replace - 2,500	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21	Engine cowling fasteners	Existing latches damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Engine Oil		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23	Engine Oil Leak / Lube		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Engine Spare Key	Check we have spare key	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25	Engine spark plugs	Replace spark plugs = 1,500Thb	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26	Engine wiring loom	Check, signs of portable quality repairs previously carried out.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Fire Extinguisher Condition		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28	First Aid Kit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
29	Fuel 2T oil reservoir	Prepare Mix Units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30	Gearcase oil drain plug secure	Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Ground Engaging Attachments	Needs to be checked.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
32	Lubrication points greased	Routine service item	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
33	Mid Section Overall Condition.	Needs minor attention. Cathode system damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

34	Overall Equipment Cleanliness	Considering the age, above average.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Propeller shaft balance		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	Propeller split pin		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
37	PTT fluid resevoir	Service iten	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
38	Propeller condition / secured		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
39	PTT unit piston / seals	Not checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
40	Run Engine Alternator Charging		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41	Run Engine Check Gear Shift		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42	Run Engine Sounds	Check again when sea testing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43	Run Engine Temperature Check	Engine overheated, check during sea test.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	Fuel Tank Secure Leaks Fume	Clean, flush and test. Replace all fuel hoses.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	Fuel lines and fittings	Replace entire system = 3,500Thb	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46	Fuel Filters / Water Separator	Install new units. = 3,500 Thb	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47	Gear oil resevoir		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
48	Gearcase oil	800Thb	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49	Gearcase Overall Condition	Corroded and Cracked - source spare unit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50	PTT Assembly	Source spare unit existing PTT assembly iin poor condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
51	Control steering cable / hydraulics	Not checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
52	Anode lower unit	Needs tightening	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53	Anode PTT unit		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54	Battery Cables	Fit new cable lugs / possibly replace cables = 1,250Thb.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55	Battery charged (note voltage)	3,500 Thb	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56	Control Tachometer Warning / Service Indicator		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
57	Engine Carburetor Linkage Choke	Install manual choke control lever = 1,500THB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

58	Engine cooling system, hoses, thermostat cover no leaks etc....	Requires further inspection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
59	Engine cooling tell tale		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60	Engine cooling temp sensors	Audible warning noted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61	Engine cowling gasket	Not checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
62	Engine HT leads	Not checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
63	Engine Mounts Secure		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64	Engine Spare Fuse	Keep spare fuse on board.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
65	Engine Throttle / Advance etc	Appears OK - needs to be double checked	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Attached Vehicle Parts Images

Overall Condition: Excellent Condition

Vehicle Safe to Use: NA

Maintenance Required Yes

Maintenance Status Maintenance Required

Maintenance Priority Cannot Determine

Remarks / Note: Minimum spend per engine is 20K to 25K, including control cables, water pumps, spark plugs, throttle linkage, etc etc.

After that expect to spend a minimum 30k to 50k flushing fuel tanks, replacing fuel lines, overhauling bilge pump system, overhauling worn out systems.



SCAN QR code to Download HVI Android App

Inspector Signature



SCAN to open Demo Portal for Web and Apple Device users

Would you be interested in getting more details on how all your team members can use the Inspection Maintenance App over multiple devices? All data, reports are available in real time over the Web Portal and Digital displays?

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Check Portal Live Demo with Statics – Example fleet of 50 + vehicles, multiple Inspection records and Maintenance requests in system. Click on View Demo button on below link
<http://heavyvehicleinspection.com/portal/login.html>

We can provide 24/7 Phone, Email and Remote login support with our offices in North America, Europe and Asia. Let us know how we can help your company to transition into digital Technology.

Reach us at contact@jrsinnovation.com

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