**Oil and Gas Rig – Pre-Operational Vehicle Safety Check**
**(For Training Purposes)**

**1. General Information**

* **Date of Inspection**: [Date]
* **Vehicle ID/License Plate**: [Vehicle ID or License Plate Number]
* **Vehicle Type**: [e.g., Crane, Forklift, Flatbed Truck, etc.]
* **Vehicle Model**: [Model Name/Number]
* **Inspection Performed By**: [Name of Inspector]
* **Inspector Signature**: [Signature]
* **Location**: [Worksite Location]
* **Next Inspection Due**: [Date]

**2. Exterior Inspection**

| **#** | **Item** | **Condition** | **Pass** | **Fail** | **Comments / Action Taken** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Tires** | No visible damage, cracks, or excessive wear | [ ] | [ ] | [ ] |
| 2 | **Wheels and Lug Nuts** | No loose lug nuts; wheels securely fastened | [ ] | [ ] | [ ] |
| 3 | **Brakes (Visual Check)** | Brake pads intact, no leaks or visible damage | [ ] | [ ] | [ ] |
| 4 | **Lights and Indicators** | All lights working (headlights, taillights, turn signals, brake lights) | [ ] | [ ] | [ ] |
| 5 | **Windshield/Wipers** | Windshield clean, wipers in working order | [ ] | [ ] | [ ] |
| 6 | **Mirrors** | Mirrors securely attached and free from cracks | [ ] | [ ] | [ ] |
| 7 | **Body Condition** | No visible damage or leaks on the vehicle’s body | [ ] | [ ] | [ ] |
| 8 | **Fuel Tank** | No visible leaks; fuel cap securely closed | [ ] | [ ] | [ ] |

**3. Engine and Fluid Check**

| **#** | **Item** | **Condition** | **Pass** | **Fail** | **Comments / Action Taken** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Engine Oil** | Oil level adequate; no leaks or contamination | [ ] | [ ] | [ ] |
| 2 | **Coolant Level** | Coolant level within operating range | [ ] | [ ] | [ ] |
| 3 | **Transmission Fluid** | Fluid level adequate, no leaks | [ ] | [ ] | [ ] |
| 4 | **Brake Fluid** | Fluid level sufficient; no leaks | [ ] | [ ] | [ ] |
| 5 | **Power Steering Fluid** | Fluid level sufficient; no leaks | [ ] | [ ] | [ ] |
| 6 | **Battery** | Clean terminals, no corrosion, securely fastened | [ ] | [ ] | [ ] |

**4. Safety Features**

| **#** | **Item** | **Condition** | **Pass** | **Fail** | **Comments / Action Taken** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Seat Belts** | Seat belts in working condition, no frays or damage | [ ] | [ ] | [ ] |
| 2 | **Fire Extinguisher** | Fully charged, no damage, easily accessible | [ ] | [ ] | [ ] |
| 3 | **First Aid Kit** | Fully stocked, accessible | [ ] | [ ] | [ ] |
| 4 | **Warning Triangles/Reflectors** | Available and in good condition | [ ] | [ ] | [ ] |
| 5 | **Emergency Stop Button/Features** | Tested, functional, no damage | [ ] | [ ] | [ ] |
| 6 | **Horn** | Working, audible | [ ] | [ ] | [ ] |
| 7 | **Fire Suppression System (If applicable)** | System operational and maintained | [ ] | [ ] | [ ] |

**5. Interior Inspection**

| **#** | **Item** | **Condition** | **Pass** | **Fail** | **Comments / Action Taken** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Driver's Seat** | Seat securely fastened, no damage | [ ] | [ ] | [ ] |
| 2 | **Controls and Levers** | All controls functioning correctly | [ ] | [ ] | [ ] |
| 3 | **Dashboard Lights and Indicators** | All gauges and warning lights functional | [ ] | [ ] | [ ] |
| 4 | **Cabin Cleanliness** | No obstructions, clear visibility | [ ] | [ ] | [ ] |
| 5 | **AC/Heater** | Functional, no issues | [ ] | [ ] | [ ] |

**6. Operational Check**

| **#** | **Item** | **Condition** | **Pass** | **Fail** | **Comments / Action Taken** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Engine Start-Up** | Starts without hesitation, smooth idle | [ ] | [ ] | [ ] |
| 2 | **Transmission/Shift Function** | Shifts smoothly, no slipping | [ ] | [ ] | [ ] |
| 3 | **Braking Performance** | Brakes engage properly, no unusual sounds | [ ] | [ ] | [ ] |
| 4 | **Steering** | Steering operates smoothly without issues | [ ] | [ ] | [ ] |
| 5 | **Suspension/Shock Absorbers** | No abnormal sounds or issues when driving | [ ] | [ ] | [ ] |

**7. Tires and Wheels Check**

| **#** | **Item** | **Condition** | **Pass** | **Fail** | **Comments / Action Taken** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Tire Pressure** | Correct pressure, no visible wear or damage | [ ] | [ ] | [ ] |
| 2 | **Tread Depth** | Sufficient tread depth, no uneven wear | [ ] | [ ] | [ ] |
| 3 | **Wheel Alignment** | No misalignment or vibration when driving | [ ] | [ ] | [ ] |

**8. Final Inspection Summary**

* **Pass/Fail Status of Vehicle**:
	+ Pass: Vehicle ready for operation
	+ Fail: Vehicle removed from service (if fail, provide details in comments)
* **Comments or Issues Identified**:
	+ [ ]
* **Corrective Actions Taken or Required**:
	+ [ ]

**9. Inspector Certification**

* **Inspector Name**: [Name]
* **Signature**: [Signature]
* **Date of Inspection**: [Date]
* **Next Scheduled Inspection**: [Date]

**10. Acknowledgment**

By signing below, the vehicle owner/operator acknowledges that the vehicle has been inspected according to the checklist and is either approved for use or has been removed from service.

* **Owner/Operator Name**: [Name]
* **Signature**: [Signature]
* **Date**: [Date]

**11. Corrective Action Log**

If any item on the checklist fails, corrective actions must be taken and documented.

| **#** | **Action Required** | **Responsible Person** | **Due Date** | **Comments** |
| --- | --- | --- | --- | --- |
| 1 | [Action Item] | [Name/Dept.] | [Date] | [Details] |
| 2 | [Action Item] | [Name/Dept.] | [Date] | [Details] |
| 3 | [Action Item] | [Name/Dept.] | [Date] | [Details] |

**12. Conclusion**

Routine inspection and maintenance of heavy vehicles on the oil rig are vital for ensuring the safety of all personnel and preventing vehicle-related incidents. This checklist serves as a valuable tool for ensuring that vehicles are operational and meet safety standards before use.