DVSA HGV /PSV PD Equipment Approval check sheet

Product: Click or tap here to enter text.

Brand / supplier: Click or tap here to enter text.

Date: Click or tap to enter a date.

Inspector: Click or tap here to enter text.

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| --- | --- | --- | --- |
| Item | Area to be checked  | Status | Notes / Observations/ Evidence supplied  |
|  | **Technical Requirements**  |  |  |
|  | **General** |  |  |
| 1 | Are the Play Detectors (PD’s) safe to use? | Choose an item. | Click or tap here to enter text. |
| 2 | Are the PD’s robustly constructed? | Choose an item. | Click or tap here to enter text. |
| 3 | Designed to operate efficiently throughout their working life with minimum maintenance intervals of 12 months for hydraulically operated equipment and 6 months if pneumatically operated?  | Choose an item. | Click or tap here to enter text. |
| 4 | Designed to be secured to the designated surface? | Choose an item. | Click or tap here to enter text. |
| 5 | Meet HSE regulations  | Choose an item. | Click or tap here to enter text. |
|  | **Technical** |  |  |
| 5 | Be easy and safe to drive on and off.  | Choose an item. | Click or tap here to enter text. |
| 6 | Be capable of operating without the need for jacking.  | Choose an item. | Click or tap here to enter text. |
| 7 | Automatically return to a pre-set (central) position after use.  | Choose an item. | Click or tap here to enter text. |
| 8 | Be capable of operating with a minimum imposed weight per wheel of 8 tonnes.  | Choose an item. | Click or tap here to enter text. |
| 9 | Have a drive over capability per wheel of 10 tonnes.  | Choose an item. | Click or tap here to enter text. |
| 10 | Have a plate size of no less than 850mm lateral by 650mm longitudinal.  | Choose an item. | Click or tap here to enter text. |
| 11 | Have a movement of no less than 100mm lateral and 100mm longitudinal.  | Choose an item. | Click or tap here to enter text. |
| 12 | Have a speed operation of no less than 30mm per second.  | Choose an item. | Click or tap here to enter text. |
| 13 | Have the ability for the plates to operate in opposite directions simultaneously.  | Choose an item. | Click or tap here to enter text. |
| 14 | Be capable of applying forces to the steering and suspension components of the vehicle being tested in accordance with the procedure set out in the relevant Inspection Manual enabling the examiner to assess the specified components for excessive wear in the normal running position.  | Choose an item. | Click or tap here to enter text. |
| 15 | Be easily operated by the examiner conducting the test by means of a portable hand held control (e.g. a wander lead or remote control device) | Choose an item. | Click or tap here to enter text. |
| 16 | Only be installed on a vehicle lift with a written declaration from the vehicle lift manufacturer that the hoist construction is suitable for such an installation and will not compromise Health and Safety. If, after initial declaration replacement play detectors are subsequently fitted, then a further written declaration must be made by the lift manufacturer. | Choose an item. | Click or tap here to enter text. |
|  | Installation shall allow for  |  |  |
| 17 | An axle with a minimum inside tyre dimension of 1300mm can be tested. | Choose an item. | Click or tap here to enter text. |
| 18 | An axle with a maximum outside tyre dimension of 2600mm can be tested. | Choose an item. | Click or tap here to enter text. |
| 19 | The height of any part of the wheel play detectors is no more than 10mm above the surface floor unless the play detectors are mounted in the headlight test area, in which case the play detectors must meet all of the requirements for the headlight tester standing area tolerances. | Choose an item. | Click or tap here to enter text. |
| 20 | The hand control unit for the play detectors shall:  | Choose an item. | Click or tap here to enter text. |
| a | Be designed for use from within the under vehicle inspection facility.  | Choose an item. | Click or tap here to enter text. |
| b | Be robustly constructed to acceptable engineering standards and fit for purpose.  | Choose an item. | Click or tap here to enter text. |
| c | Operate by low voltage (Maximum 24 volts)  | Choose an item. | Click or tap here to enter text. |
| d | Be able to select lateral and longitudinal movement of the moveable plates | Choose an item. | Click or tap here to enter text. |
| e | Have sufficient cable to operate ± 2.5m from the play detectors centre line | Choose an item. | Click or tap here to enter text. |
| f | Have sufficient stowage for the cable and hand control unit when not in use. | Choose an item. | Click or tap here to enter text. |
|  | **Documentation**  |  |  |
| 16 | Are operating instructions supplied and In English? | Choose an item. | Click or tap here to enter text. |
| 17 | Do they explain how to use the PDs in accordance with statutory procedures? | Choose an item. | Click or tap here to enter text. |
| 18 | Do they detail the maintenance / annual checks necessary? | Choose an item. | Click or tap here to enter text. |
| 19 | Do they include a full technical specification of product? | Choose an item. | Click or tap here to enter text. |
| 20 | Full detailed drawings of plates / system including dimensions  | Choose an item. | Click or tap here to enter text. |
| 21 | Calculation on oil / air pressure to applied forces on plates. |  |  |
|  | **Identification**  |  |  |
| 22 | Model / serial plate format / location. | Choose an item. | Click or tap here to enter text. |
|  | **Function test** |  |  |
| 23 | Vehicle with certified weight used  | Choose an item. | Click or tap here to enter text. |
|  | Photos of unit  | Choose an item. | Click or tap here to enter text. |
|  |  | Choose an item. | Click or tap here to enter text. |
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