**JAHARP2021-04 – Scissor lifts**

**Appendix 3 - Indicative inspection and test programme and financial offer – Version 2 (17.02.2023)**

NOTE : this programme is based on standard EN 280:2013 + A1:2015, which is the standard currently conferring presumption of conformity with the essential health and safety requirements of Annex I to the Machinery Directive. This standard has now been replaced by EN 280-1:2020, the reference of which has not yet been published in the OJEU. It is expected that the machinery inspected in 2023 will have been designed according to the current standard.

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|  | Checks to be carried out for Lots A and B |  | Additional checks to be carried out for Lot B only |  |

| **EHSR of Annex I** | **Clauses of EN 280** | **Aspect to be checked** |
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|  | 1.4 | Identify Group (A or B) and Type (1, 2, or 3) |
| 1.3.1, 3.3.2, 4.1.2.1 | 5.3.1.1 | (For type 1 MEWPs) device to prevent travel when the work platform is outside the transport configuration |
| 1.2.1, 6.3.1 | 5.3.1.9 | Automatic restriction on travel speed |
| 1.2.4.1, 3.3.3 | 5.3.1.6 | Travel brakes that engage when power is removed |
| 1.2.4.1, 3.3.3 | 5.3.1.10 | Maximum braking distance |
| 1.7.1.2, 4.1.2.1, 6.3.2 | 5.3.1.2 | Limit on inclination of chassis and visual or acoustic warning device |
| 3.3 | 5.3.1.8 | Device to prevent unauthorised use |
| 4.1.2.7 | 5.3.1.15 | Duplicate control position at ground level |
| 1.3.7, 1.3.8, 1.4 | 5.3.1.12 | Guarding for drive systems |
| 1.1.7, 1.5.13 | 5.3.1.13 | (Internal combustion engines) direction of exhaust |
| 1.5.6, 1.5.13 | 5.3.1.14 | (Internal combustion engines) positioning of fuel filling points |
| 1.5.1, 3.5.1 | 5.3.1.17 | (Battery powered) design and ventilation of battery compartments |
| 1.5.1, 1.6.3, 3.5.1 | 5.8.4 | (Battery powered) means of isolation of battery |
| 1.3.1 | 5.3.2, 7.2.13 | Design and control of stabilisers, marking of maximum load on ground |
| 4.2.2, 6.1.2 | 5.4.1, 5.7.9.3, 5.7.9.4 | Load control |
| 1.3.7, 1.3.8, 1.4 | 5.4.3, 7.2.15 | Protection against trapping or shearing in scissor mechanism (guarding or alternative means), warning notice |
| 1.6.1 | 5.4.4, 7.2.16 | Raised work platform for servicing |
| 4.1.2.6 | 5.5.1 | Design of extending structure drive system |
| 4.1.2.6 | 5.4.5 | Maximum raising and lowering speed |
| 4.1.2.6 | 5.5.1.6 | Braking system for drive system |
| 6.3.2 | 5.6.2, 5.6.5 | Protection against falls from a height |
| 1.6.2, 6.3.2 | 5.6.3, 5.6.5 | Means of access to work platform |
| 1.5.15 | 5.6.4 | Floor of work platform |
| 3.4.5 | 5.6.6, 5.6.7 | Access to work platform |
| 4.3.3 | 7.2.4 | Marking of rated load for platform extension |
| 6.3.2 | 5.6.14, 7.2.3 | Anchorage points for PPE – number, position, strength, marking |
| 1.1.7, 1.2.2 | 5.6.9, 5.6.16 | Protection against crushing around and above control panel |
| 3.6.1 | 5.6.10 | Audible warning device on platform |
| 1.2.2, 6.2 | 5.7.1, 5.7.3, 5.7.4 | Design of control devices and direction of movement |
| 1.2.2, 1.2.5 | 5.7.4 | Duplicate controls at ground level |
| 1.2.1, 1.2.2 | 5.7.2 | Mutual exclusion of controls for raising and lowering and direction of movement |
| 1.2.4.3 | 5.7.5, 5.7.9, 5.7.9.4  (EN ISO 13850) | Emergency stop control at each control position |
| 4.1.2.6 | 5.7.6 | Control valves |
| 1.5.14 | 5.7.8, 7.2.5 | Emergency lowering system in case of power failure – speed limit, marking of instructions for use |
| 1.3.3, 1.5.3 | 5.9.1 | Hydraulic system - pressure limiting device |
| 1.3.2, 1.5.3 | 5.10 | Design of load holding cylinders |
| 1.2.6, 1.3.9 | 5.10.1 | Devices to prevent unintended movement in case of failure |
| 1.3.1, 4.1.2.1, 4.1.2.3, 6.1.1 | 6.1.4.2.1 | Static tests – including platform extensions |
| 1.3.1, 4.1.2.1, 4.1.2.3 | 5.3.1.20, 6.1.4.2.2.1  6.1.4.2.2.2 | Kerb and depression tests |
| 3.3.3 | 6.1.4.2.2.3 | Braking tests |
| 4.1.2.3 | 6.1.4.3 | Overload test |
| 4.1.2.3 | 6.1.4.4 | Additional tests for MEWPs supported by pneumatic tyres |
|  | 7.2 | Marking |
| 1.7.1, 1.7.3, 4.3.3, 6.5 | 7.2.1 | Manufacturer’s plate |
| 1.7.1, 4.3.3, 6.5 | 7.2.2 | Rated load, number of persons, maximum wind speed |
| 1.7.1 | 7.2.7 | Indoor use only |
| 1.7.1 | 7.2.14 | Pressure for pneumatic tyres |
| 1.7.4, 4.4.2 | 7.1 | The instructions will be available for consultation during the inspections and tests but the content of the instructions will be checked by the participating market surveillance authorities themselves. Consequently, checking the instructions is **NOT to be included** in the price per model quoted for the comprehensive inspections and testing. |

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| **PRICES (in Euros, without VAT)** | | |
| Tenderers for both Lots A and B shall quote a daily rate for on-site inspection and testing and a price per model for comprehensive inspection and testing. Tenderers for Lot A or Lot B alone shall provide a single quote for the Lot concerned. | | |
| **Lot A** | **Daily rate for on-site inspection and reporting:** |  |
| **Lot B** | **Price per model for the comprehensive inspection and testing:** |  |
| **Price of disposal per model:** |  |