**TECHNICAL SPECIFICATIONS OF FIXED AND MANUAL/HYDRAULICALLY REVERSIBLE MOULD BOARD PLOUGH**

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| 4.1 | **General:** | | |
| Name of implement | **:** |  |
| Name & address of manufacturer | **:** |  |
| Name & address of applicant | **:** |  |
| Type of implement | **:** |  |
| Make | **:** |  |
| Model | **:** |  |
| Brand Name | **:** |  |
| Year of manufacture | **:** |  |
| Country of origin | **:** |  |
| Serial No | **:** |  |
| No. of plough bottoms | **:** |  |
| Size of plough, mm | **:** |  |
| Recommended source of power, kW | **:** |  |
| 4.2 | **Prime mover used:** | | |
| **Tractor used during test (details as per labeling plate):** | | |
| Make | **:** |  |
| Model | **:** |  |
| Month and year of manufacture | **:** |  |
| Engine serial No | **:** |  |
| Chassis Serial No | **:** |  |
| Max P.T.O. power, kW | **:** |  |
| Specific fuel consumption corresponding to maximum power, g/kWh | **:** |  |
| **4.3** | **Constructional details:** | | |
| 4.3.1 | Main Frame: | | |
| Constructional details | **:** |  |
| Dimensions, mm | **:** |  |
| Material & size, mm | **:** |  |
| Number; size & spacing of holes on main frame for fixing each standard, mm | **:** |  |

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| 4.3.2 | **Standard:** | | |
| Numbers | **:** |  |
| Material & size, mm | **:** |  |
| Dimensions, mm | **:** |  |
| - Effective length of each standard | **:** |  |
| -Thickness of standard flats | **:** |  |
| No., size & spacing of holes on each standard for fixing frog, mm | **:** |  |
| Method of fixing | **:** |  |
| **4.3.3** | **Plough Bottoms:** | | |
| Constructional details | **:** |  |
| Numbers | **:** |  |
| Type | **:** |  |
| Size of bottom, mm | **:** |  |
| Vertical suction, mm | **:** |  |
| Horizontal suction, mm | **:** |  |
| 4.3.3.1 | **Mould Board:** | | |
| Type | **:** |  |
| Material | **:** |  |
| Perimeter, mm | **:** |  |
| No. & size of holes on each mould board, mm | **:** |  |
| No. size & type of bolts: | | |
| - for share point | **:** |  |
| - for frog | **:** |  |
| - for brace | **:** |  |
| Method of fixing | **:** |  |
| 4.3.3.2 | **Mould board extensions (if applicable):** | | |
| 4.3.3.2.1 | **Rear Extension** | | |
| Type | **:** |  |
| Material | **:** |  |
| Perimeter, mm | **:** |  |
| Thickness, mm | **:** |  |
| No. and size of holes, mm | **:** |  |
| 4.3.3.2.2 | **Front Extension:** | | |
| Type | **:** |  |
| Material | **:** |  |
| Perimeter, mm | **:** |  |
| Thickness, mm | **:** |  |
| No. and size of holder, mm | **:** |  |
| 4.3.3.3 | **Shin:** | | |
| Type | **:** |  |
| Material | **:** |  |
| Perimeter, mm | **:** |  |
| Thickness, mm | **:** |  |
| Method of mounting | **:** |  |

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| **4.3.3.4** | **Share:** | | | | |
| Type | **:** |  | | |
| Material | **:** |  | | |
| Constructional details | **:** |  | | |
| Dimensions, mm | **:** |  | | |
| No. & size of holes on share, mm | **:** |  | | |
| Method of fixing | **:** |  | | |
| **4.3.3.5** | **Share Bar:** | | | | |
| Type | **:** |  | | |
| Material | **:** |  | | |
| Size, mm | **:** |  | | |
| Dimensions, mm | **:** |  | | |
| Method of fixing | **:** |  | | |
| **4.3.3.6** | **Land Side:** | | | | |
| Number | **:** |  | | |
| Material | **:** |  | | |
| Thickness, mm | **:** |  | | |
| **Dimensions (mm):** |  | **Front** | | **Rear** |
| -Length | **:** |  |  | |
| -Width | **:** |  |  | |
| -Height | **:** |  |  | |
| Method of fixing | **:** |  | | |
| **4.3.3.7** | **Braces:** | | | | |
| Numbers | **:** |  | | |
| Type | **:** |  | | |
| Material | **:** |  | | |
| Size, mm | **:** |  | | |
| No. & size of holes for each brace, mm | **:** |  | | |
| Length, mm | **:** |  | | |
| Method of fixing | **:** |  | | |
| **4.3.3.8** | **Frog:** | | | | |
| Numbers | **:** |  | | |
| Material | **:** |  | | |
| Constructional Details | **:** |  | | |
| No. & size of holes on frog, mm | **:** |  | | |
| -for mould board | **:** |  | | |
| -for share | **:** |  | | |
| -for standard | **:** |  | | |
| **4.3.4** | **Reversing Mechanism (if applicable):** | | | | |
| Type | **:** |  | | |
| Method of operation | **:** |  | | |
| **4.4** | **Hydraulic pipe details (if applicable):** | | | | |
| Make | **:** |  | | |
| Diameter (OD), mm | **:** |  | | |
| Length, mm | **:** |  | | |
| Size of adopter/coupler Dia., mm | **:** |  | | |
| **4.5 4.5**  4.6 | **Ram Cylinder details (if applicable):** | | | | |
| Overall length, mm | **:** |  | | |
| Piston diameter, mm | **:** |  | | |
| Stroke length, mm | **:** |  | | |
| Distance between hole to hole, mm | **:** |  | | |
| Outer dia. of cylinder, mm | **:** |  | | |
| Inner dia. of cylinder, mm | **:** |  | | |
| Piston (rod) dia., mm | **:** |  | | |
| Length of piston (rod), mm | **:** |  | | |
| **Make & model of hydraulic components:** | | | | |
| -Distributor | **:** |  | | |
| -Control valve unit | **:** |  | | |
| -Cylinder & piston | **:** |  | | |
| -Pipe line | **:** |  | | |
| -Adopter/Coupler | **:** |  | | |
| **4.7** | **Main Shaft:** | | | | |
| Construction details | **:** |  | | |
| Method of Fixing | **:** |  | | |
| **4.8** | **Hitch Pyramid:** | | | | |
| Construction Details | **:** |  | | |

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| **5** | **Overall dimensions (mm):** | | |
| Length | **:** |  |
| Width | **:** |  |
| Height | **:** |  |
| **6** | **Mass, kg** | **:** |  |
| **7** | **Colour** | **:** |  |
| **8** | **Labeling plate details:** |  |  |
|  | | |

Date:

Place: Signature:

Name of signatory:

Designation:

Name & address of firm: