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| C:\Users\Hp\Desktop\download.png |  emblem2 |  |

**भारत सरकार** /**Government of India**

**उत्तरी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान**

**Northern Region Farm Machinery Training and Testing Institute**

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**TECHNICAL SPECIFICATIONS FOR LAND LEVELLER/ TERRACER BLADE**

|  |  |
| --- | --- |
| **1** | **General** |
| Name of the machine | **:** |  |
| Type of machine | **:** |  |
| Make | **:** |  |
| Model | **:** |  |
| Serial No. | **:** |  |
| Name and address Manufacturer/Importer | **:** |  |
| Name and address of Applicant | **:** |  |
| Year of manufacture | **:** |  |
| Brand name, if any | **:** |  |
| Working width of implement, mm | **:** |  |
| Country of origin | **:** |  |
| **2** | **Recommended source of prime mover** | **:** |  |
| Make | **:** |  |
| Model | **:** |  |
| Minimum recommended power, kW | **:** |  |
| **3** | **Frame/Chassis** | **:** |  |
| Type | **:** |  |
| Material | **:** |  |
| Size, mm | **:** |  |
| **4** | **Side Support Plate** | **:** |  |
| Type | **:** |  |
| Material | **:** |  |
| Thickness of plate, mm | **:** |  |
| **5** | **Blade** | **:** |  |
| Type | **:** |  |
| Material | **:** |  |
| Size of blade (L X W X T) mm | **:** |  |
|  | Provision for bevel edge | **:** |  |
| Provision for raising Mould board &transport mechanism | **:** |  |
| Bolt hole type (Square/ Circular) | **:** |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **5.1** | **Extension blade:** |  |  |
| Type | **:** |  |
| Material | **:** |  |
| Size of blade (L X W X T), mm | **:** |  |
| Bolt hole type (Square/ Circular) | **:** |  |
| **6** | **Soil Carrying Mould Board****Frame/Bucket, if applicable** | **:** |  |
| Type | **:** |  |
| Working width, mm | **:** |  |
| Material | **:** |  |
| Thickness of plate, mm | **:** |  |
| **Size of plate (mm):** |  |  |
| -Length | **:** |  |
| -Peripheral width | **:** |  |
| -Depth | **:** |  |
| **7** | **Horizontal angle device** | **:** |  |
| **7.1** | **Pitch adjusting screw** | **:** |  |
| **7.2** | **Scarifier**  | **:** |  |
| **8** | **Material of various components** | **:** |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **S. no.** | **Components** | **Material as per IS 9813: 2002** | **Observation** |
| 1. | Frame | Mild steel |  |
| 2. | Blade | Carbon steel |  |
| 3. | Strut hitch/hitch pyramid | Mild steel |  |
| 4. | Hitch pin | Carbon steel |  |
| 5. | Pitch adjusting screw | Carbon steel |  |
| 6. | Mould board frame | Mild steel |  |
| 7. | Side plate | Mild steel |  |
| 8. | Mould board | Mild steel |  |
| 9. | Scarifier  | Carbon steel |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **9** | **Marking/Labeling of implement:** |  |  |
|  |  |  |  |
| **10** | **Overall dimensions (mm):** |  |  |
| -Length | **:** |  |
| -Width | **:** |  |
| -Height | **:** |  |
| **11** | **Mass (kg)** | **:** |  |
| **12** | **Colour** | **:** |  |

Date:

Place: Signature:

Name of signatory: Designation:

Name & address of firm: