|  |  |  |
| --- | --- | --- |
| 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**

**ट्रैक्टर नगर, सिरसा रोड, हिसार (हरियाणा)—125001 Tractor Nagar, Sirsa Road, Hisar (Haryana)- 125 001**

­­­­­­­­­­­­­­Website: http://nrfmtti.gov.in E-mail: fmti-nr@nic.in GSTIN:06AAAGN0273PIZ3 Tele./FAX: 01662-276984

**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: