



भारत सरकार
Government of India
कृषि एवं किसान कल्याण मंत्रालय
Ministry of Agriculture and Farmers Welfare
कृषि, सहकारिता एवं किसान कल्याण विभाग
Department of Agriculture, Cooperation and Farmers Welfare
उत्तर पूर्वी क्षेत्र कृषि यंत्र प्रशिक्षण एवं परीक्षण संस्थान,
FARM MACHINERY TRAINING & TESTING INSTITUTE (NER)
बिश्ननाथ चारिआलि, बिश्ननाथ – असम
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An I.S.O. 9001- 2015 Certified Institute



MINI RICE MILL

1. SPECIFICATION

- 1.1.1 General:
- Name and address of the manufacturer :
- Name & Address of Applicant :
- Type :
- Make :
- Model :
- Year of manufacture :
- Frame Serial no. :
- Country of origin :
- Rated Capacity declared by the manufacturer :
- Max. Capacity declared by the manufacturer :
- 1.1.2 Mini Rice Mill :
- 1.1.2.1 Description :
- 1.1.2.1.1 Pre- Cleaning unit
- 1.1.2.1.1.1 Power unit
- Prime over- :
- Type of Drive :
- 1.1.2.1.1. 2 Elevator

Description :

Serial Number :

Model :

Type :

Number of Buckets :

Capacity of Bucket :

Type and size of belt :

Flat :

Length :

Width :

Thickness :

Type ,Number and size of the pulley :

Ball bearing no. & make :

Shaft :

Size of Intel and outlet :

Inlet Hopper :

Capacity :

Opening of the gate :

Size :

Inspection window :

No. and size :

Centre to centre distance between top and bottom shaft :

Total height :

Cross section of Housing (each) :

Total width :

Height of each section from top to bottom (mm) :

Arrangement for tensioning belts :

Size and type of driving pulley :

Size of belt :

1.1.2.1.1.3 Cleaning Unit

Dimensions of blower :

Size and number of baffle plates :

Dia. of shaft :

Dia. of impeller :

Dia. of impeller housing :

	Opening of impeller outlet	:
	Thickness of M.S. sheet	:
	Type and size of impeller pulley	:
	Size of belt	:
	Arrangement for closing & opening of shutter	:
	Arrangement for changing the angle of baffle plates	:
1.1.2.1.1. 4	Sieve	:
	Size of box	
	Length	:
	Height	:
	Width	:
	Oscillations per minute	:
	Length of Stroke (mm)	:
	Dimensions of top sieve	
	Length	:
	Width	:
	Bridge Width	:
	Aperture size	:
	Pitch	:
	Slope	:
	Material	:
	Thickness	:
	Dimensions of bottom sieve	
	Length	:
	Width	:
	Bridge Width	:
	Aperture size	:
	Pitch	:
	Thickness	:
	Size of cam shaft	:
	No. & size of ball bearings	:
	No. & size of bush	:
1.1.2.1.1. 5	Specific gravity separator	:
	Specifications	:
	Length	:
	Height	:
	Width	:
	Blower	:
	No. & size of blades	:
	Dia. of shaft	:

	Blower Housing	:
	Length	:
	Height	:
	Width	:
	Thickness of sheet	:
	No. & size of ball bearings	:
	Type and size of driving pulley	:
	Size of belt	:
	Frame	:
	Size of angle iron	:
	Size of flat	:
	Overall frame dimensions	:
	Length	:
	Height	:
	Width	:
1.1.3	Milling unit	:
1.1.3.1	Power unit	
	Prime mover	
	Type of drive and pulley size	:
1.1.3.2	Sheller	:
	Hopper	:
	Slope of the hopper	:
	Thickness of sheet	:
	Opening of Sheller	:
	Sheller	
	Material for Sheller housing	:
	Size of housing	:
	Rubber Rolls	
	No. of rolls	:
	Materials	:
	Size	:
	Outer dia.	:
	Inner dia.	:
	Length	:
	Weight of rolls (kg)	:
	Clearance between rolls (mm)	:
	Provision for clearance adjustment	:
	Provision for cooling adjustment for rubber rolls	:

	Shaft size of rubber rolls (mm)	:
	Type & size of driving pulley (mm)	:
	Idler pulley type and size (mm)	:
	No. & size of ball bearing	:
	Size of driving belt	:
	Arrangement for engaging and disengaging the rolls	:
	Blower	:
	Size of blower housing	:
	Length (mm)	:
	Height (mm)	:
	Width (mm)	:
	Thickness of sheet (mm)	:
	Dia. of impeller (mm)	:
	No. of blades	:
	Outlet opening (mm)	:
	Shaft size of impeller (mm)	:
	Type & size of driving pulley(mm)	:
	Size of driving belt	:
	Size of flat pulley tensioner	:
	Type & number of ball bearing	:
1.1.3.1.3	Huller	:
	Specification of huller	:
	Make	:
	Number	:
	Dia. of shaft (mm)	:
	Dia. of huller (mm)	:
	Length (mm)	:
	Weight (kg)	:
	Housing	:
	Make	:
	Type	:
	Main Frame	:
	Dimensions (mm)	:
	Length	:
	Width	:
	Height	:
1.1.4	Guard	:
	Construction details	:

	Dimensions (mm)	
	Length (Top)	:
	(Bottom)	:
	Width	:
	Thickness of wire of mesh (mm)	:
	Size of aperture (mm)	:
	Distance between guard and moving parts (mm)	:
1.1.5	Overall dimensions of Rice Mill	:
1.1.5.1	Pre-cleaning unit (mm)	
	Length	:
	Width	:
	Height	:
1.1.5.2	Milling Unit (mm)	
	Length	:
	Width	:
	Height	:

2.0 SPECIFICATION OF TRAILER

2.1	General	
	Make	:
	Model	:
	Loading capacity	:
	Power requirement to operate the trailer	:
2.2	Description of material	
	Material and size of body sheet	:
	Size of main chassis	:
	Size of cross support of chassis	:
	Size of M.S. angle	:
2.3	Axle	
	Type of axle	:
	Size of axle	:
2.4	Bearings	
	Number and type of bearing on the axle	:
	Size of bearing on the axle	:
2.5	Wheel	
	Number and type of wheel	:

2.6 Tyre size :
Dimension of trailer (m) :
Length :
Width :
Ground clearance :
Weight (kg) :

Place:

Date:

Signature:.....

Name:.....

Designation:.....