

SPECIFICATION SHEET

TRACTOR OPERATED POTATO DIGGER SHAKERS

TEST CODE IS :13818 -1993 (Reaffirmed-1999)

A-1 GENERAL

- i) Name of the machine
- ii) Type
- iii) Make
- iv) Serial No.
- v) Model
- vi) Year of manufacture
- vii) Name and address of manufacturer

A-2 OVERALL DIMENSIONS

- i) Length
- ii) Width
- iii) Height

A-3 BLADE

- i) Type
- ii) Number
- iii) Width
- iv) Inclination Min. Max.
- v) Clearance Min. Max.
- vi) Clearance from transmission shaft casing
- vii) Thickness
- viii) Distance from centre to centre of blades
- ix) Hardness

NOTE — Detailed drawing shall be provided separately by the manufacturer on request of purchaser.

A-4 MAIN FRAME (SIZE)

- i) Channel
- ii) Angle iron
- iii) Flat
- iv) Any other

A-5 ELEVATOR C CONVEYOR

- i) Length
- ii) Width
- iii) Pitch
- iv) Chain rod diameter
- v) Number of rods
- vi) Flat belt width joining the rod
- vii) Slope
- viii) Any other

A-6 DISK

- i) Diameter
- ii) Thickness
- iii) Number
- iv) Spacing
- v) Hub diameter
- vi) Hardness

A-7 TRANSMISSION

- i) Rear pulley diameter
- ii) Front pulley diameter
- iii) V-belt size, number
- iv) Gear box reduction ratio
- v) V-belt tightner, width
- vi) Diameter of casing of output shaft
- vii) Diameter of rear drive shaft
- viii) Diameter of idler shaft
- ix) Diameter of agitator shaft
- x) Diameter of idler roller shaft
- xi) Diameter of front idler shaft
- xii) Driving sprocket teeth, No.

A-8 MASS

A-9 SAFETY FEATURES

- i) PTO guard
- ii) V-belt guard

A10 ANY OTHER ITEM

DATASHEET FOR MATERIAL OF CONSTRUCTION

B -1 DATE OF TEST SI No. Component Material Size

B-2 MATERIAL OF CONSTRUCTION

SI No. Component Material Size

(Give detailed chemical composition of the material)

- i) Frame
- ii) Elevator chain
- iii) Blade
- iv) Disc
- v) Main shaft
- vi) Idler shaft
- vii) Agitator shaft
- viii) Sprocket
- ix) Pulley
- x) Others