

## BRIEF SPECIFICATION OF PRIME MOVER FOR TRACTOR PTO DRIVEN COMBINE

- 1 Prime mover (Tractor) Ref. Test Report No. T-Budni** **CFMT&TI,**
- i) Make :
  - ii) Model :
  - iii) PTO Power(kW) :
  - iv) Chassis No./Serial No. :
- 2 Engine:**
- i) Make :
  - ii) Model :
  - iii) PTO Power(kW) :
  - iv) Chassis No./Serial No. :
  - v) Engine speed (rpm) (Manufacturer's recommended setting)
    - a) Maximum speed at no load :
    - b) Rated speed :
    - c) Low idle speed :
    - d) Field speed :
- 3 Fuel injection pump:**
- i) Make :
  - ii) Model :
  - iii) Type :
- 4 Governor:**
- i) Make :
  - ii) Model :
  - iii) Type :
  - iv) Rated speed(rpm) :
- 5 Air cleaner**
- i) Make :
  - ii) Type :

**6. Cooling system:**

- i) Type :
- ii) Means of temperature control :

**7. Starting system:**

- i) Type :

**8. Starter Motor**

- i) Make :
- ii) Type & Model :
- iii) Voltage & power :

**9. Generator:**

- i) Make :
- ii) Model :
- iii) Type :

**10. Battery:**

- i) Make & Model :
- ii) Capacity & Rating :

**11. Exhaust:**

- i) Type of silencer :
- ii) Provision of spark arresting device :

Place:

Signature of Applicant/  
Authorised Signatory  
Name & Designation

Date :

Address:

## BRIEF SPECIFICATION OF ENGINE MOUNTED ON COMBINE

1. **GENERAL:**
- 1.1. Name & address of the engine manufacturer :
- 1.2. Make :
- 1.3. Model :
- 1.4. Type :
- 1.5. Serial Number :
2. Declared power (kW) :
3. Speeds :
- 3.1. Max. No load speed of the engine (rpm) :
- 3.2. No load idling speed of engine (rpm) :
- 3.3. Rated speed (rpm) :
- 3.4. Engine speed at maximum power (rpm) :
- 3.5. Engine speed at maximum torque (rpm) :
4. **CYLINDERS:**
- 4.1. Number :
- 4.2. Disposition :
- 4.3. Bore / Stroke (mm) :
- 4.4. Capacity (cu.cm) :
- 4.5. Compression ratio :
- 4.6. Arrangement of valves :
- 4.7. Valve clearance : Inlet -  
Exhaust -
- 4.8. Type of cylinder liners :
- 5.0. Fuel system :
- 5.1. Make and Type of fuel feed pump :

- 5.2 Type, make and model of fuel filters :
- 5.3 No. of fuel filters :
- 5.4 Capacity of fuel tank :
- 5.5. Type, make and model of fuel injection pump :
- 5.5.1 Serial No. of fuel injection pump :
- 5.5.2 Injection pressure (kgf / cm<sup>2</sup>) :
- 5.5.3 Firing order :
- 5.5.4 Injection timing : degree before TDC

6. **GOVERNOR:**

- 6.1 Make / Model :
- 6.2. Type :
- 6.3. Rated speed (rpm) :
- 6.4 Serial No. if any :

7. **PRE-CLEANER:**

- 7.1 Make :
- 7.2. Type :
- 7.3 Location :

8. **AIR CLEANER:**

- 81. Make :
- 8.2 Type :
- 8.3 Oil capacity in case of oil bath type (e) :
- 8.4 Location :

9. **STARTING SYSTEM:**

- 9.1. Make :
- 9.2 Type :
- 9.3 Aids for cold starting :
- 9.4 Any other device provided for easy starting. :

10. **ELECTRICAL SYSTEM:**

10.1 **GENERATOR:**

- Make :
- Type :
- Model :
- Serial Number :
- Voltage :

10.2 **BATTERY :**

- Make :
- Type :
- Capacity and rating :
- No. of batteries :
- Voltage :

10.3 **STARTER:**

- Make :
- Model :
- Type :
- Serial No. :
- Capacity and rating :

10.4 **VOLTAGE REGULATOR:**

- Make :

- Type :
- Capacity & settings :

11 **EXHAUST:**

- Type of muffler :
- Protecting device if any :

12. Special features if any

13. Total weight (with accessories) :

Place : -----

Signature of applicant /  
Authorised Signatory: .....

Date : -----

Name : .....

Designation : .....