BRIEF SPECIFICATION OF PRIME MOVER FOR TRACTOR PTO DRIVEN COMBINE

1 Prime mover (Tractor) Ref. Test Report No. T-CFMT&TI, Budni
   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 :

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Place: 

Signature of Applicant/ Authorised Signatory

Date: 

Name & Designation

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/cm²)

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:**

8.1 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: ............................