

SCHEDULE - I

PART C

[See rule 11]

APPLICATION FOR GRANT OF LICENCE FOR CONSTRUCTION AND OPERATION OF NEW OIL BLENDING PLANT, RECLAMATION PLANT OR GREASE PLANT

Type of application (Tick one)

- BLENDING PLANT**
 RECLAMATION PLANT
 GREASE PLANT

1. Name and address of the company/ individual _____
2. Certificate of Registration with registrar of Companies along with memorandum and articles of association or partnership deed _____
3. Location of the plant _____
4. Estimated cost of the project _____
5. Financial arrangements for the project:
Equity _____
Loan _____
6. Financial due diligence certification
(attach due diligence certification from bank/financial institution).

OR

- Details of Income tax paid during the last 5 years in case of self-financing _____
(attach details)
7. Copy of Environmental Protection Agency (EPA) clearance *(attach NOC)* _____
 8. Capacity of the plant and details of various units conforming to requirements prescribed or laid in part-A of Schedule-V: _____
 9. Proposed construction / completion schedule: _____
 10. Proposed sources of lube base oil supplies: _____
(Attach documents)
 11. Proposed organogram to operate the plant (Technical and managerial personnel along with their qualification and experience)
 12. Details of HSE arrangements to be adopted. _____

I hereby undertake that I shall provide such other information or documentation as the Authority, may from time to time, require, including without limitation, supplementary information or documentation required by the authority to clarify the information contained in the application.

Name and signatures of the authorized signatory(s)

Date and place.

SCHEDULE -I
PART D

[See rule 13(1)]

**APPLICATION FOR GRANT OF LICENCE TO OPERATE EXISTING
OIL BLENDING PLANT, RECLAMATION PLANT OR GREASE PLANT**

Type of application (Tick one)

- BLENDING PLANT**
 RECLAMATION PLANT
 GREASE PLANT

1. Name and address of the company/ individual_____
2. Certificate of Registration with registrar of Companies along with memorandum and articles of association or partnership deed_____
3. Exact location of the plant_____
4. Capacity of the plant (Metric Tons/annum) _____
5. Layout of the plant and details of various units:-_____
6. Sources of supply of lube base oil:-_____
7. Details of laboratory equipment:_____
8. Organogram details (Existing personnel along with their qualification and experience)

9. Details of Production and sale. (Figure in 000 tons)_____
Actual last five years production (year wise)

Automotive Engine oil automotive gear oil others
12. Details of Sales tax paid during the last 5 years (year-wise) _____
Details of Excise duty paid during the last 5 years (year-wise) _____
13. Details of existing authorized dealers along with their addresses _____
14. Details of terms and conditions applicable on the date of commencement of the OGRA Ordinance i.e. 28th March, 2002:- (Attach documents)_____

I hereby undertake that I shall provide such other information or documentation as the Authority, may from time to time, require, including without limitation, supplementary information or documentation required by the authority to clarify the information contained in the application.

Name and signatures of the authorized signatory(s)

Date and place.

SCHEDULE-V

PART A

[See rule 12(1)(c)]

REQUIREMENT OF LUBE OIL BLENDING PLANT OF 7500 TONS/ANNUM CAPACITY

Sr. No	Facility	Requirement
1	Land	4000 sq. yards with adequate facility for truck and container movements.
2	Storage tanks of 15 days capacity 350,000 liters as per marketing plan	Operational requirement.
3	Blending kettle with agitator, heating coil, level gauge minimum 2x15 tons and 2x5 ton capacity	Operational requirement
4	Pumps, pipes and fitting as per requirement	Operational requirement
5	Additive drum heating facility	Ease of mixing.
6	Decanting trough with heating coil	Operational requirement
7	Boiler or suitable hot oil system of heat rating of 150 PSI steam or equivalent	Operational requirement
8	Measuring facilities for base oil and additives	Operational requirement
9	Inkjet or laser printer	Batch identification and tracing.
10	Fully or semi-automatic filling machines for weight/ volume control, shrink wrapping/ carton sealing, strapping etc.	Operational requirement
11	Finished oil storage tanks 7 days storage	Operational requirement
12	Furnace oil storage for 7 days use or Natural gas connection	Operational requirement

LABORATORY REQUIREMENT FOR LUBE OIL BLENDING PLANT

Sr. No	Facility	Requirement
1	Kinematic Viscosity baths: Kinematic viscosity for 40C Kinematic viscosity for 100C Setting accuracy: +0.01 C Temperature range: From ambient to 150 C Thermometer: ASTM 120C/IP92C for 40 C Calibrated Viscometers: ASTM 121C/IP 32 for 100 C	ASTM- D 445
2	Pour point apparatus with refrigeration up tp -20 C	ASTM-D 97
3	Flash point apparatus: Cleveland open cup apparatus complete set	ASTM-D 93
4	Furnace: to operate up to 1000 C.	
5	Oven: to operate up to 200 C.	
6	Colour comparator with tubes	ASTM-D 1500
7	Potentiometer for determination of total acid number and total base number (TAN & TBN)	ASTM-D 664 ASTM-D 2896
8	Balance electronics: Weighing accuracy ± 0.0001 gm	
9	Atomic absorption spectrophotometer to determine metal content Ca, Zn, and Mg.	IP-288
10	Hydrometers, jars and thermo meter to determine density and specific gravity.	ASTM-D 1298
11	Apparatus for determination of foaming characteristics of lubricating oil complete unit.	ASTM-D 892
12	Cold cranking simulator to determine apparent viscosities of multi grade oils at low temperature -10C -15 c and -25 c. (if producing multi grade lubricants.)	

SCHEDULE-V
PART B
[See rule 12(1) (c)]

REQUIREMENT OF LUBE OIL RECLAMATION PLANT

Lube Oil Reclamation Plant:

Sr. No	Facility	Requirement
(1)	(2)	(3)
1	Used Oil storage minimum.	50 Tons.
2	Used Oil filtration minimum.	100 Mesh.
3	Distillation facility of temperature rating 200 C, at 100 mm vacuum to obtain requisite flash point for removal of contaminated fuel and water minimum	10 ton.
4	Acid treatment kettle minimum.	10 ton.
5	Settling tank minimum.	12x2 ton.
6	Sludge storage tanks, fully covered, with necessary facility for sludge removal minimum.	25 tons.
7	Neutralization kettle minimum.	10 ton.
8	Filter press, plate and frame type or equivalent.	10 ton/ day.
9	Finished product storage tank minimum	70 tons.
10	Boiler: 200 Psig or hot oil system of equivalent capacity.	Operational requirement

LABORATORY REQUIREMENT FOR LUBE OIL RECLAMATION PLANT

Sr. No	Facility	Requirement
1	Kinematic baths: Kinematic viscosity for 40C Kinematic viscosity for 100C Setting accuracy: +0.01 C Temperature range: From ambient to 150 C Thermometer: ASTM 120C/IP92C for 40 C Calibrated Viscometers: ASTM 121C/ IP 32 for 100 C	ASTM- D 445
2	Pour point apparatus with refrigeration up to -20 C	ASTM-D 97
3	Flash point apparatus: Cleveland open cup apparatus complete set	ASTM-D 92
4	Copper strip corrosion apparatus	ASTM-D 130
5	Conradson carbon apparatus.	ASTM-D 189
6	Furnace: to operate up to 1000 C.	
7	Oven: to operate up to 200 C.	
8	Colour comparator with tubes	ASTM-D 1500
9	Potentiometer for determination of total acid number and total base number (TAN & TBN)	ASTM-D 664 ASTM-D 2896
10	Balance electronics: Weighing accuracy ± 0.0001 gm	
11	Atomic absorption spectrophotometer to determine metal content Si and Al.	IP-288
12	Hydrometers, jars and thermo meter to determine density and specific gravity.	ASTM D-1298
13	Apparatus for determination of foaming characteristics of lubricating oil complete unit.	ASTM D-892
14	Sponification No	ASTM D-94
15	Pentane insoluble.	ASTM D-893

SCHEDULE-V
PART B

[See rule 12(1) (c)]

Requirement OF Grease Manufacturing Plant:

Sr. No	Facility	Requirement
(1)	(2)	(3)
1	Grease Blending Kettle alongwith all necessary facilities+	10 Tons
2	Base Oil Storage Tanks	To cover 7 days requirements
3	Finished Products Storage Tanks	To cover 7 days requirements
4	Boiler: 150 Psig	Operational requirement
5	Furnace Oil Storage Tank	If natural gas not available
6	Bulk, Drum and Tin filling arrangements	10 Tons per day

LABORATORY REQUIREMENT FOR GREASE PLANT

Sr. No	Facility	Requirement
1	Stability Test Apparatus	ASTM D-942
2	Dropping Point Apparatus	ASTM D-566
3	Corrosion Test Apparatus	ASTM D-130
4	Flash Point Apparatus	ASTM D-92
5	Oven	ASTM D-972
6	Penetrometer, Grease Hot Plate	ASTM D-217
7	Oil Separator	ASTM D-1742
8	Hydrometer / Pycnometer	ASTM D 1298 / D 70
9	Balance	
