



## EASTERN REFINERY LIMITED

### SPECIFICATION OF LIGHT DIESEL OIL (LDO)

(AS APPROVED BY BSTI (REVISED ON MARCH, 2002))

### LIGHT DIESEL OIL (LDO)

S N	TESTS	METHOD	LIMIT
1	Density at 15°C, Kg/L	ASTM D 1298	Max. 0.890
2	Neutralization Value: Strong Acid No., mg KOH/gm Total Acid No., mg KOH/gm	ASTM D 664	Nil Max. 0.5
3	Ash Content, % mass	ASTM D 482	Max. 0.02
4	Carbon Residue (Conradson), % mass	ASTM D 189	Max. 2.0
5	Pour Point, °C	ASTM D 97	Max. 12 * Max. 18 **
6	Flash Point PM(cc), °C	ASTM D 93	Min. 66
7	Kinematic Viscosity at 38°C, cst	ASTM D 445	Max. 16.0
8	Sediment, % mass	ASTM 473	Max. 0.1
9	Water Content, % vol.	ASTM D 95	Max. 0.25
10	Sulfur, total, % mass	ASTM D 4294	Max. 1.8
* Winter shall be the period from November to February (both months inclusive) and rest of the months of the year shall be called as summer.			