ANNEXURE-I

I. No.	CHARACTERISTICS	TOLERANCE LIMITS
1	pH	6 to 9
2	Biological Oxygen Demand, BOD_3 , 27°C, mg/l, Max	100
3	Chemical Oxygen Demand (COD),mg/l, Max	250
4	Total Suspended Solids (TSS), mg/l, Max	100
5	Fixed Dissolved Solids (FDS),mg/l, Max	2100
6	Temperature, °C	Shall not exceed more than 5°C above ambient water temperature
7	Oil & Grease, mg/l, Max	10
8	Chlorides, mg/l, Max	1000
9	Sulphates, as SO_4, mg/l, Max	1000
10	Fluoride, mg/l, Max	2.0
11	Sulphides, as S, mg/l, Max	2.0
12	Phenolic compounds (as C_6H_5OH), mg/l, Max	1.0
13	Total Residual. Chlorine, mg/l, Max	1.0
14	Zinc, mg/l, Max	15.0
15	Iron, mg/l, Max	3.0
16	Copper, mg/l, Max	3.0
17	Trivalent Chromium, mg/l, Max	2.0
18	Hexavalent Chromium, mg/l, Max	0.1
19	Cyanide(as CN) mg/l, Max	0.2
20	Lead(as Pb), mg/l, Max	0.1
21	Nickel(as Ni), mg/l, Max	3.0
22	Cadmium (as Cd), mg/l, Max	2.0

Additional Conditions:

1. All efforts should be made to remove colour and unpleasant odour as far as practicable. Parameters which are likely to be present in the effluent only need to be analyzed.

2. Treated trade effluent shall be reused partially within the premises & excess quantity shall be disposed on land for irrigation at Sri. Bhagyalakshmi Farms,Sy.No. 345/1, Kolur, Gururayanapura, Ramohalli Village, Doddaladamara Road, Bengaluru.

3. In case of discharge of treated effluent on land for irrigation, the impact on soil and groundwater quality shall be monitored twice a year (pre-and post-monsoon) by Common Effluent Treatment Plant (CETP) management.

SENIOR ENVIRONMENTAL OFFICER
Waste Management Cell

ANNEXURE-III

GENERAL DESIGN PARAMETERS FOR INLET EFFLUENT QUALITY

Sl.No	Parameter	Range
1	pH	2-12
2	Acidity	20,000 mg/l
3	Alkalinity	20,000 mg/l
4	Hexavalent Chromium	2500 mg/l
5	Cyanide	2000 mg/l
6	Total Dissolved Solids	50,000 mg/l
7	Fluoride	2000 mg/l
8	Zinc	200 mg/l
9	Lead	20 mg/l
10	Copper	40 mg/l
11	Nickel	150 mg/l
12	Cadmium	10 mg/l

A. Kumar

SENIOR ENVIRONMENTAL OFFICER
Waste Management Cell