

Water Quality by Facility (Fiscal 2025) [DENSO CORPORATION]

Units: PH (none), Escherichia coli (units/ml), others (mg/L), — (no setting), permeability (cm), total amount of items measured (kg/D), ND (below the detection limit)

Regulatory values: Represent the most stringent values according to environmental laws, ordinances, and agreements.

When an item is measured only once, the regulatory value is the number indicated in the "Highest" column.

Head Office

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	12.5	0.04	2.245	5.5
Cadmium	0.03	0.02	0	0.001	0.001
Cyanide	0.8	0.2	0	0.01	0.01
COD (total amount)	185.58	185.58	8.9	23.94167	51.2
COD (Mn)	25	15	2.4	3.458333	4.7
Escherichia coli count	3000	1500	0	1	5
Chromium	2	1	0.01	0.01	0.01
Hexavalent chromium	0.5	0.1	0.01	0.01	0.01
Copper	1	0.5	0.01	0.01	0.01
Fluorine	8	6.4	0.5	0.833333	1
Iron	5	2.5	0.1	0.1	0.1
Manganese	3	2.5	0.1	0.1	0.1
Nitrogen (concentration)	120	15	6	7.45	9.2
Nitrogen (total amount)	211.16	211.16	22.99	35.95833	72.07
Nickel	2	2	0.01	0.01	0.01
Oil (mineral oil)	5	2.5	1	1	1
Phosphorus (concentration)	16	2	0.19	0.464167	0.77
Phosphorus (total amount)	24.22	24.22	0.68	2.149167	4.84
Lead	0.08	0.02	0.01	0.01	0.01
pH	5.8~8.6	5.8~8.6	6.3	6.87	7.5
Phenol	1	1	0.01	0.0175	0.1
Tin	5	5	0.1	0.1	0.1
SS	30	15	1	1	1
Permeability	-	20	30	30	30
Zinc	2	1.6	0.071667	0.04	0.13

Anjo Plant (No. 1)

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	12.5	0.5	0.825	1.4
Cadmium	0.05	0.02	0.001	0.001	0.001
COD (total amount)	46.15	46.15	3.3	8.983333	15.8
COD (Mn)	25	15	4.5	5.833333	7.9
Escherichia coli count	300	300	0	1.75	6
Chromium	2	1	0.01	0.01	0.01
Hexavalent chromium	0.5	0.1	0.01	0.01	0.01
Copper	1	0.5	0.01	0.01	0.01
Fluorine	8	6.4	0.1	0.108333	0.2
Iron	5	2.5	0.1	0.1	0.1
Manganese	5	2.5	0.1	0.1	0.1
Nitrogen (concentration)	60	15	4.4	7.941667	10.7
Nitrogen (total amount)	69.23	69.23	3.9	10.21667	17.8
Nickel	2	2	0.01	0.013333	0.02
Oil (mineral oil)	5	2.5	1	1	1
Phosphorus (concentration)	8	2	0.14	0.2975	0.58
Phosphorus (total amount)	9.23	9.23	0.08	0.3525	0.64
Lead	0.1	0.02	0.01	0.01	0.01
pH	6.00~9.00	6.00~8.50	6.8	6.9	7.9
Phenol	5	1	0.01	0.01	0.01
Tin	-	5	0.1	0.1	0.1
SS	30	15	1	1.06	1.1
Zinc	2	1.60	0.16	0.33	0.5

Anjo Plant (No. 2)

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	0.5	1.408333	4.9
Boron	10	8	0.1	0.1	0.1
Cadmium	0.03	ND	ND	ND	ND
Cyanide	1.0	ND	ND	ND	ND
COD (total amount)	46.15	46.15	3	5.533333	9
COD (Mn)	25	10	4	5.975	7.2
Escherichia coli count	3000	300	0	1.916667	7
Chromium	0.2	0.2	0.01	0.01	0.01
Hexavalent chromium	0.05	0.05	0.01	0.01	0.01
Copper	0.2	0.2	0.01	0.01	0.01
Fluorine	2	2	0.1	0.1	0.1
Iron	2	2	0.1	0.1	0.1
Manganese	2	2	0.1	0.1	0.1
Nitrogen (concentration)	120	15	5.7	8.566667	11.3
Nitrogen (total amount)	69.23	69.23	3.9	8.133333	16.9
Nickel	-	2	0.01	0.01	0.02
Oil (mineral oil)	2	2	1	1	1
Phosphorus (concentration)	16	2	0.13	0.233333	0.58
Phosphorus (total amount)	9.23	9.23	0.07	0.214167	0.6
Lead	0.1	0.02	0.01	0.01	0.01
pH	6.0~8.5	6.0~8.5	6.5	7.6	7.17
Phenol	0.2	0.2	0.01	0.01	0.01
Tin	-	5	0.1	0.1	0.1
SS	30	10	1	1	1
Zinc	2.0	1.6	0.18	0.32	0.65

Nishio Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	0.5	1.733333	5.4
Boron	10	8	1.9	1.9	1.9
Cadmium	0.03	0.01	0.01	0.01	0.01
COD (total amount)	102.1	102.1	11	35.65833	59.5
COD (Mn)	25	10	5	6.216667	7
Escherichia coli count	3000	300	0	0.083333	1
Chromium	2	0.1	0.01	0.01	0.01
Hexavalent chromium	0.50	0.05	0.01	0.01	0.01
Copper	1	0.5	0.01	0.01	0.01
Fluorine	8	5	0.1	0.716667	1.5
Iron	10	3	0.1	0.1	0.1
Manganese	10	3	0.1	0.124167	0.27
Nitrogen (concentration)	60	15	4	6.983333	10.8
Nitrogen (total amount)	128.5	128.5	12.5	30.725	59.5
Phosphorus (concentration)	8	2	0.05	0.9375	1.31
Phosphorus (total amount)	14.3	14.3	0.26	4.67	11.48
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.6	5.8~8.3	6.6	7.12	7.6
Phenol	5	0.5	0.01	0.0325	0.1
SS	30	10	1	2.591667	5.3
Permeability	-	20	30	30	30
Zinc	2	1	0.03	0.1825	0.5

Takatana Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	0.5	0.758333	1.2
Boron	10	8	0.1	0.1	0.1
Cadmium	ND	ND	0.001	0.001	0.001
COD (total amount)	51.93	51.93	2.4	2.991667	3.5
COD (Mn)	25	10	2.7	3.241667	4
Escherichia coli count	3000	300	0	0.833333	4
Chromium	0.2	0.2	0.01	0.01	0.01
Hexavalent chromium	0.05	0.05	0.01	0.01	0.01
Copper	0.2	0.2	0.01	0.01	0.01
Fluorine	2	2	0.1	0.1	0.1
Iron	2	2	0.1	0.1	0.1
Manganese	2	2	0.1	0.1	0.1
Nitrogen (concentration)	60	15	6.51	8.334167	10.09
Nitrogen (total amount)	27.45	27.45	5	7.265	10.18
Nickel	-	2	0.01	0.01	0.01
Oil (mineral oil)	2	1	1	1	1
Phosphorus (concentration)	8	2	0.05	0.175	0.42
Phosphorus (total amount)	2.78	2.78	0.05	0.15	0.48
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.6	6.5~8.5	6.9	8	7.44
Phenol	0.2	0.2	0.01	0.01	0.01
Tin	-	5	0.1	0.1	0.1
SS	30	10	1	1	1
Permeability	-	20	30	30	30
Zinc	2.0	1.6	0.04	0.05667	0.08

Daian Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	1.3	1.758	2.2
Cadmium	0.1	0	ND	ND	ND
COD (total amount)	61.3	61.3	6.3	10.05833	12.8
COD (Mn)	25	10	2.9	4.508333	5.6
Escherichia coli count	3000	300	0	0.083333	1
Chromium	2.0	0.4	0.01	0.01	0.01
Hexavalent chromium	0.5	0.1	0.01	0.01	0.01
Copper	1.0	0.2	0.01	0.011667	0.02
Fluorine	8	6.4	0.1	0.275	0.9
Iron	10	2	0.1	0.1	0.1
Total mercury	0.005	0	0.0005	0.0005	0.0005
Manganese	10	2	0.1	0.1	0.1
Nitrogen (concentration)	60	15	7.24	8.329167	8.86
Nitrogen(total amount)	90.6	90.6	14.96	17.7375	19.96
Nickel	2	2	0.01	0.02417	0.1
Oil (mineral oil)	5	2	1	1	1
Phosphorus(concentration)	8.0	1.5	0.25	0.2925	0.35
Phosphorus(total amount)	9.5	9.5	0.47	0.600833	0.76
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.6	5.8~8.6	6.9	7.9	7.35
Phenol	5	0.2	0.01	0.01	0.01
Selenium	0.1	0.02	0.01	0.01	0.01
Tin	-	5	0.01	0.0925	0.1
SS	90	10	1	1.125	1.5
Permeability	-	20	30	30	30
Zinc	2.0	1.6	0.03	0.0725	0.3

Kota Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	2.6	2.6	2.6
Cadmium	0.10	0.02	0.01	0.01	0.01
COD (total amount)	94.7	94.7	25.9	25.9	25.9
COD (Mn)	25	10	6.9	6.9	6.9
Escherichia coli count	3000	300	1	1	1
Chromium	0.1	0.1	0.01	0.01	0.01
Hexavalent chromium	0.05	0.05	0.01	0.01	0.01
Copper	0.5	0.5	0.01	0.01	0.01
Fluorine	5	5	2.3	2.3	2.3
Iron	3	3	0.1	0.1	0.1
Manganese	3	3	0.1	0.1	0.1
Nitrogen (concentration)	120	15	9	9	9
Nitrogen (total amount)	128.4	128.4	29.9	29.9	29.9
Oil (mineral oil)	2	1	1	1	1
Phosphorus(concentration)	16	2	0.05	0.05	0.05
Phosphorus (total amount)	10.4	10.4	0.15	0.15	0.15
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.6	5.8~8.3	7.15	7.38	7.61
Phenol	0.3	0.25	0.01	0.01	0.01
SS	30	10	1.6	1.6	1.6
Permeability	-	20	30	30	30
Zinc	2	1	0.04	0.04	0.04

Toyohashi Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	1.6	1.6	1.6
Boron	230	184	4.1	4.1	4.1
Cadmium	0.01	0.01	0.01	0.01	0.01
COD (total amount)	26.3	26.3	4.9	4.9	4.9
COD (Mn)	25	10	7.1	7.1	7.1
Escherichia coli count	3000	1500	0	0	0
Chromium	1	1	0.01	0.01	0.01
Hexavalent chromium	0.05	0.05	0.01	0.01	0.01
Copper	0.5	0.5	0.01	0.01	0.01
Fluorine	7	7	0.1	0.1	0.1
Iron	5	2.5	0.1	0.1	0.1
Manganese	5	2.5	0.1	0.1	0.1
Nitrogen (concentration)	120	15	8.9	8.9	8.9
Nitrogen (total amount)	42.6	42.6	11.7	11.7	11.7
Oil (mineral oil)	2	1	1	1	1
Phosphorus(concentration)	-	2	0.6	0.6	0.6
Phosphorus (total amount)	5.1	5.1	0.39	0.39	0.39
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.5	6.0~8.5	7.6	7.75	7.9
Phenol	0.5	0.25	0.01	0.01	0.01
SS	30	10	1	1	1
Permeability	-	20	30	30	30
Zinc	2.0	1.6	0.13	0.13	0.13

Agui Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	12.5	0.9	0.9	0.9
Boron	10	8	0.1	0.1	0.1
Cadmium	0.03	0.02	0	0	0
COD (total amount)	10.8	10.8	1.9	1.9	1.9
COD (Mn)	25	15	6.4	6.4	6.4
Escherichia coli count	3000	1500	10	10	10
Chromium	1	1	0	0	0
Hexavalent chromium	0.25	0.10	0	0	0
Copper	0.5	0.5	0	0	0
Fluorine	8	6.4	0	0	0
Iron	5	2.5	0	0	0
Manganese	5	2.5	0	0	0
Nitrogen (concentration)	120	30	2.6	2.6	2.6
Nitrogen (total amount)	14.1	14.1	0.8	0.8	0.8
n-Hexane	1	1	0	0	0
Oil (mineral oil)	2	1	1	1	1
Phosphorus(concentration)	16	3	1	1	1
Phosphorus(total amount)	1.4	1.4	0.301	0.301	0.301
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.6	5.8~8.6	7.42	7.675	7.93
Phenol	1	0.5	0.01	0.01	0.01
SS	30	15	1	1	1
Permeability	-	20	30	30	30
Zinc	2.0	1.6	0.07	0.07	0.07

Advanced Research and Innovation Center

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	12.5	0.6	0.6	0.6
Cadmium	0.1	0.02	0.001	0.001	0.001
COD (total amount)	15.5	15.5	2.8	2.8	2.8
COD (Mn)	25	15	6.4	6.4	6.4
Escherichia coli count	3000	1500	5	5	5
Chromium	2	1	0.01	0.01	0.01
Hexavalent chromium	0.5	0.1	0.01	0.01	0.01
Copper	1.0	0.5	0.01	0.01	0.01
Fluorine	7.5	6.4	0.5	0.5	0.5
Iron	10	2.5	0.1	0.1	0.1
Manganese	10	2.5	0.1	0.1	0.1
Nitrogen (concentration)	120	20	9.7	9.7	9.7
Nitrogen(total amount)	14.80	13.56	4.4	4.4	4.4
n-Hexane	1	1	0	0	0
Nickel	-	2	0.01	0.01	0.01
Phosphorus(concentration)	-	3	0.2	0.2	0.2
Phosphorus(total amount)	2.3	0.96	0.08	0.08	0.08
Lead	0.1	0.02	0.01	0.01	0.01
pH	5.8~8.6	5.8~8.6	6.8	7.4	8
Phenol	1	0.5	0.01	0.01	0.01
Tin	-	5	0.1	0.1	0.1
SS	30	15	1	1	1
Permeability	-	20	30	30	30
Zinc	2	1.6	0.05	0.05	0.05

Zenmyo Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	0.2	0.2	0.2
Boron	10	8	0.1	0.1	0.1
Cadmium	0.1	0.02	0.01	0.01	0.01
COD (total amount)	14.4	14.4	1.6	1.6	1.6
COD (Mn)	25	10	4.2	4.2	4.2
Escherichia coli count	3000	300	3	3	3
Chromium	0.1	0.1	0.01	0.01	0.01
Hexavalent chromium	0.05	0.05	0.01	0.01	0.01
Copper	0.5	0.5	0.01	0.01	0.01
Fluorine	8	6.4	0.1	0.1	0.1
Iron	2.5	2.5	0.1	0.1	0.1
Manganese	2.5	2.5	0.01	0.01	0.01
Nitrogen (concentration)	120	10	5.2	5.2	5.2
Nitrogen (total amount)	24.5	24.5	2	2	2
Oil (mineral oil)	2	1	1	1	1
Phosphorus(concentration)	8	1	0.09	0.09	0.09
Phosphorus(total amount)	2.63	2.63	0.01	0.01	0.01
Lead	0.08	0.02	0.01	0.2	0.2
pH	5.8~8.3	5.8~8.3	7.2	7.55	7.9
Phenol	0.5	0.25	0.01	0.01	0.01
SS	30	10	0.9	0.9	0.9
Permeability	-	20	30	30	30
Zinc	2	1	0.05	0.05	0.05

Nukata Proving Ground

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	12.5	1.1	0.9	0.9
COD (Mn)	25	20	4.2	3.3	3.3
Escherichia coli count	3000	100	4	20	20
Phosphorus(concentration)	0.2	0.2	0.1	0.1	0.1
pH	5.8~8.5	6.5~8.5	6.9	7.3	7.7
SS	70	20	1	1	1
Permeability	30	30	30	30	30

Kosai Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	20	12	0.5	0.5	0.5
Cadmium	0.002	0.002	0.001	0.001	0.001
COD (Mn)	25	12	4.7	4.7	4.7
Escherichia coli count	3000	300	0.5	0.5	0.5
Chromium	0.4	0.08	0.05	0.05	0.05
Hexavalent chromium	0.1	0.05	0.05	0.05	0.05
Copper	1	0.4	0.01	0.01	0.01
Fluorine	8	4	0.1	0.1	0.1
Iron	10	4	0.1	0.1	0.1
Manganese	10	5	0.1	0.1	0.1
Nitrogen (concentration)	120	25	8.2	8.2	8.2
n-Hexane	5	1.5	0	0	0
Phosphorus(concentration)	16	2	0.51	0.51	0.51
Lead	0.1	0.01	0	0.01	0.01
pH	5.8~8.6	6.3~7.8	7.1	7.2	7.3
Phenol	0.2	0.15	0.01	0.01	0.01
SS	30	12	2.2	2.2	2.2
Zinc	1	0.4	0.02	0.02	0.02

Toyohashi East Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
BOD	25	10	0.8	0.5	0.5
Cadmium	0.1	0.01	0.001	0.001	0.001
COD (Mn)	25	12	3.7	3.7	3.7
Escherichia coli count	3000	150	0	0	0
Chromium	2	1	0.05	0.05	0.05
Hexavalent chromium	0.50	0.05	0.05	0.05	0.05
Copper	2	1	0.01	0.01	0.01
Fluorine	8	4	0.1	0.1	0.1
Iron	10	4	0.1	0.1	0.1
Manganese	10	5	0.1	0.1	0.1
Nitrogen (concentration)	120	15	6.4	6.4	6.4
n-Hexane	2	1.5	0	0	0
Phosphorus(concentration)	16.0	1.5	0.16	0.16	0.16
Phosphorus(total amount)	0.93	0.47	0	0	0
Lead	0.1	0.01	0.01	0.01	0.01
pH	5.8~8.6	6.3~7.8	7.2	7.4	7.4
Phenol	0.5	0.3	0.01	0.01	0.01
SS	30	12	1	1	1
Permeability	30	30	30	30	30
Zinc	5	2	0.02	0.02	0.02

Hirose Plant

Items of Measurement	Regulatory Values	DENSO Standards	Measurement Values		
			Lowest	Average	Highest
pH	5.8~8.6	6.1~8.3	7.4	7.4	7.4
BOD	10	8	0.8	0.8	0.8
SS	10	8	1.5	1.5	1.5
Phenol	0.5	0.4	0.01	0.01	0.01
Copper	0.2	0.16	0.01	0.01	0.01
Zinc	1	0.8	0.13	0.13	0.13
Iron	2.5	2	0.1	0.1	0.1
Manganese	2.5	2	0.1	0.1	0.1
Chromium	0.2	0.16	0.01	0.01	0.01
Escherichia coli	3000	2400	0	0	0
Total nitrogen (T-N)	60(30)	6.4	1.2	1.2	1.2
Total phosphorus (T-P)	8(4)	1.6	0.36	0.36	0.36
Cadmium	0.01	0.01	0.001	0.001	0.001
Cyanide (CN)	0.1	0.08	0.01	0.01	0.01
Organic phosphorus	0.1	0.08	0.05	0.05	0.05
Lead	0.05	0.04	0.01	0.01	0.01
Hexavalent chromium	0.05	0.04	0.01	0.01	0.01
Arsenic	0.01	0.01	0.01	0.01	0.01
Total mercury (T-Hg)	0.0005	0.0005	0.0003	0.0003	0.0003
Alkyl mercury compounds	検出されないこと	0.0005	ND	ND	ND
Polychlorinated biphenyls	0.0005	0.0004	0.0004	0.0004	0.0004
Trichloroethylene	0.15	0.12	0.002	0.002	0.002
Tetrachloroethylene	0.05	0.04	0.0005	0.0005	0.0005
Dichloromethane	0.1	0.08	0.0002	0.0002	0.0002
Carbon tetrachloride	0.002	0.0016	0.0002	0.0002	0.0002
1,2-Dichloroethane	0.004	0.003	0.0004	0.0004	0.0004
1,1-Dichloroethylene	0.1	0.08	0.002	0.002	0.002
Cis-1,2-ichloroethylene	0.2	0.16	0.004	0.004	0.004
1,1,1-Trichloroethane	1.5	1.20	0.0005	0.0005	0.0005
1,1,2-Trichloroethane	0.006	0.005	0.0006	0.0006	0.0006
1,3-Dichloropropene	0.002	0.002	0.0002	0.0002	0.0002
Thiuram	0.006	0.005	0.0048	0.0048	0.0048
Simazine	0.003	0.0024	0.0024	0.0024	0.0024
Thiobencarb	0.02	0.02	0.016	0.016	0.016
Benzene	0.01	0.008	0.001	0.001	0.001

Selenium (Se)	0.01	0.01	0.01	0.01	0.01
Fluorine	4	3.2	0.1	0.1	0.1
Boron	5	4	0.1	0.1	0.1
Ammonium compounds, nitrites, and nitric acid compounds	50	40.0	0.3	0.3	0.3
1,4-Dioxane	0.25	0.20	0.01	0.01	0.01