

AFSCO ASSOCIATED FUEL PUMP SYSTEMS CORPORATION

Location: 1100 Scott Bridge Road P.O.Box 1326 Anderson SC 29622, U.S.A.
 Main products: Fuel pumps
 No. employees: 373

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	32,666.4	
	Water consumption (m ³)	15,926	
	Chemicals handled (t)	-	
	Greenhouse gases CO ₂ from production activities (t-CO ₂)	943.7	
Output	Air	Particulate matter (t)	/
		NOx (t)	/
		SOx (t)	/
	Water consumption (m ³)	15,926	
	Water quality	BOD (t)	1.2
		COD (t)	2.3
		Nitrogen (t)	0.1
		Phosphorus (t)	/
	Chemicals emitted (t)	-	
	Waste	Waste produced (t)	148.0

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	6.0 - 9.0	6.0 - 9.0	8.2	7.8	8.0
BOD (mg/l)	250	250	114	22	78.1
COD (mg/l)	500	500	301	94.5	144.3
SS (mg/l)	250	250	20.9	7.0	12.2
Oil (mg/l)	100	100	2.00	ND	1.3
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	3.4	3.4	0.21	0.07	0.15
Zinc (mg/l)	2.6	2.6	0.06	ND	0.03
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	2.8	2.8	ND	ND	ND
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	1.2	1.2	0.03	ND	0.02
Hexavalent chrome (mg/l)	/	/	/	/	/

TRI

Material name	Usage volume	Inside office										Outside office					Other transfer to other than office.	
		Emission			Amount of wastes				Emission	Amount of wastes								
		Atmosphere(stack)	Atmosphere(others)	Water body	Soil	Landfilling	Recycle	Energy recovery		Treatment	Landfilling	Recycle	Energy recovery	Treatment	Public treatment	Sudden generation		
Toluene	1.40	/	1.40	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Xylene	0.64	/	0.64	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

DMTN DENSO MANUFACTURING TENNESSEE, INC.

Location: 1720 Robert C.Jackson DR. Maryville Tennessee 37801 U.S.A.
 Main products: Automotive electrical components
 No. employees: 2,141

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	35.94	
	Greenhouse gases CO ₂ from production activities (t-CO ₂)	54,160	
Output	Air	Particulate matter (t)	/
		NOx (t)	/
		SOx (t)	/
	Water consumption (m ³)	-	
	Water quality	BOD (t)	-
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	/	
	Waste	Waste produced (t)	1,721

Water quality/Annual Athens Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	/	/	/	/	/
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	150	150	113.71	6.90	25.78
Phenol (mg/l)	3.61	3.61	0.27	0.12	0.14
Copper (mg/l)	0.72	0.72	0.1	0.02	0.08
Zinc (mg/l)	1.8	1.8	0.42	0.18	0.29
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	1.5	1.5	0.03	0.01	0.02
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Water quality/Maryville Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	/	/	/	/	/
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	3.38	3.38	0.15	0.01	0.04
Zinc (mg/l)	2.61	2.61	1.30	0.16	0.40
Soluble iron (mg/l)	10	10	0.54	0.54	0.54
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	2.77	2.77	0.04	ND	0.04
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	1.2	1.2	ND	ND	ND
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NOx: Nitrogen oxides SOx: Sulfur oxides K value: An index established through local ordinances for limiting the volume of SOx emissions. K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

The actual measurements shown refer to maximum values with respect to the control values for each particular installation. Facilities below a specified size (excluded under legal and other regulations) are not included.

Domestic Environmental Data by Plant/Facility

TBDN TBDN TENNESSEE COMPANY

Location: 1410 Highway 70 Bypass, Jackson, Tennessee 38301 U.S.A.
 Main products: Air filters and oil filters
 No. employees: 438

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	/	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	14,883	
	Air	Particulate matter (t)	/
		NO _x (t)	/
		SO _x (t)	/
Output	Water consumption (m ³)	/	
	Water quality	BOD (t)	/
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	/	
	Waste	Waste produced (t)	500.4

DMMI DENSO MANUFACTURING MICHIGAN, INC.

Location: One Denso Road, Battle Creek, Michigan 49015-1083 U.S.A.
 Main products: Air conditioners and radiators
 No. employees: 2,865

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	1,881,300	
	Water consumption (m ³)	285,206	
	Chemicals handled (t)	/	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	17,043	
	Air	Particulate matter (t)	/
		NO _x (t)	/
		SO _x (t)	/
Output	Water consumption (m ³)	169,170	
	Water quality	BOD (t)	/
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	0.953
	Chemicals emitted (t)	/	
	Waste	Waste produced (t)	1,156

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	6.0 - 9.5	6.0 - 9.5	9	7.1	8.4
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	/	/	/	/	/
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	100	100	16	8	12
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	1	1	0.03	ND	0.02
Zinc (mg/l)	1.36	1.36	0.03	ND	0.02
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	1.5	1.5	0.98	0.06	0.4
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	0.5	0.5	ND	ND	ND
Hexavalent chrome (mg/l)	0.5	0.5	0.06	0.01	0.023

DWAM DENSO WIRELESS SYSTEMS AMERICA, INC.

Location: 3250 Business Park Drive Vista, Ca. 92081 U.S.A.
 Main products: Automotive electronic products
 No. employees: 63

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	8,585	
	Water consumption (m ³)	19,406	
	Chemicals handled (t)	/	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	1,980	
	Air	Particulate matter (t)	/
		NO _x (t)	/
		SO _x (t)	/
Output	Water consumption (m ³)	/	
	Water quality	BOD (t)	/
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	/	
	Waste	Waste produced (t)	32.5

Note NO_x: Nitrogen oxides SO_x: Sulfur oxides K value: An index established through local ordinances for limiting the volume of SO_x emissions. K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SO_x.

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AIMS AMERICAN INDUSTRIAL MANUFACTURING SERVICES, INC.

Location: 41673 Corning Place Murrieta, California 92562 U.S.A.
 Main products: Remanufacture of electrical components
 No. employees: 121

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	-	
Output	Greenhouse gases	CO ₂ from production activities (t-CO ₂) 788.33	
	Air	Particulate matter (t)	/
		NO _x (t)	/
		SO _x (t)	/
	Water consumption (m ³)		/
		BOD (t)	/
	Water quality	COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)		/
Waste	Waste produced (t)	36.5	

DMCN DENSO MANUFACTURING CANADA, INC.

Location: 195 Brunel Road, Mississauga, Ontario, Canada, L4Z 1X3
 Main products: Air conditioners
 No. employees: 254

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	5,564	
	Chemicals handled (t)	/	
Output	Greenhouse gases	CO ₂ from production activities (t-CO ₂) 497.56	
	Air	Particulate matter (t)	/
		NO _x (t)	/
		SO _x (t)	/
	Water consumption (m ³)		9,616
		BOD (t)	3.35
	Water quality	COD (t)	/
		Nitrogen (t)	0.9
		Phosphorus (t)	0.17
	Chemicals emitted (t)		/
Waste	Waste produced (t)	8.1	

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	300	300	109	109	109
COD (mg/l)	/	/	/	/	/
SS (mg/l)	350	350	143	143	143
Oil (mg/l)	15	15	4	4	4
Phenol (mg/l)	1	1	0.02	0.02	0.02
Copper (mg/l)	3	3	0.55	0.55	0.55
Zinc (mg/l)	3	3	0.25	0.25	0.25
Soluble iron (mg/l)	50	50	0.28	0.28	0.28
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	5	5	<0.01	<0.01	<0.01
Fluorine (mg/l)	10	10	0.65	0.65	0.65
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	100	100	53.7	53.7	53.7
Total phosphorus (mg/l)	10	10	6.83	6.83	6.83
Cyanide (mg/l)	2	2	0.002	0.002	0.002
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NO_x: Nitrogen oxides SO_x: Sulfur oxides K value: An index established through local ordinances for limiting the volume of SO_x emissions. K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SO_x.

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Domestic Environmental Data by Plant/Facility

DNMX DENSO MEXICO S.A. DE C.V.

Location: Boulevard Parque Industrial Monterrey 502, Parque Industrial Monterrey, Apodaca, N.L. CP6600 Mexico
 Main products: Instrument clusters and valves
 No. employees: 2,336

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	21,665	
	Water consumption (m ³)	174,225	
	Chemicals handled (t)	42,926	
Output	Greenhouse gases	CO ₂ from production activities (t-CO ₂) 16,845	
	Air	Particulate matter (t)	/
		NOx (t)	/
		SOx (t)	/
	Water quality	Water consumption (m ³)	7,517
		BOD (t)	0.35
		COD (t)	0.496
		Nitrogen (t)	0.204
		Phosphorus (t)	0.0403
	Chemicals emitted (t)	42,926	
Waste	Waste produced (t)	400	

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	5.5 - 10	5.5 - 10	8.2	6.1	7.15
BOD (mg/l)	400	400	116	69.7	92.85
COD (mg/l)	750	750	239	66	152.5
SS (mg/l)	250	250	80	20	50
Oil (mg/l)	75	75	15.3	6.5	10.9
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	15	15	0.07	0.05	0.06
Zinc (mg/l)	9.0	9.0	0.82	0.52	0.67
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	0.8	0.8	0.05	0.004	0.027
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	80	80	42.1	33.7	37.9
Total phosphorus (mg/l)	22	22	10	3.8	6.9
Cyanide (mg/l)	1.5	1.5	0.005	0.003	0.004
Hexavalent chrome (mg/l)	0.8	0.8	0.05	0.004	0.027

DNBR DENSO DO BRASIL LTDA.

Location: Rua Joao Chede No.891, C.I.C. Curitiba, PR, Brasil CEP:81.170-220
 Main products: Air conditioners, Compressors
 No. employees: 1,053

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	62,918	
	Water consumption (m ³)	60,600	
	Chemicals handled (t)	-	
Output	Greenhouse gases	CO ₂ from production activities (t-CO ₂) 30.8	
	Air	Particulate matter (t)	/
		NOx (t)	/
		SOx (t)	/
	Water quality	Water consumption (m ³)	46,800
		BOD (t)	0.626
		COD (t)	1.785
		Nitrogen (t)	0.024
		Phosphorus (t)	0.045
	Chemicals emitted (t)	-	
Waste	Waste produced (t)	63.9	

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	50	50	22	7	13
COD (mg/l)	125	125	88	21	38
SS (mg/l)	1	1	ND	ND	ND
Oil (mg/l)	20	20	16	3	9
Phenol (mg/l)	0.5	0.5	ND	ND	ND
Copper (mg/l)	1	1	0.6	0.17	0.4
Zinc (mg/l)	5	5	0.79	0.17	0.37
Soluble iron (mg/l)	15	15	3.2	1.07	1.89
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	0.5	0.5	ND	ND	ND
Fluorine (mg/l)	10	10	2.4	1.1	1.9
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	5	5	1.0	0.1	0.5
Total phosphorus (mg/l)	0.7	0.7	0.61	0.25	0.43
Cyanide (mg/l)	0.2	0.2	ND	ND	ND
Hexavalent chrome (mg/l)	0.5	0.5	ND	ND	ND

DNAZ DENSO INDUSTRIAL DA AMAZONIA LTDA.

Location: Avenida Buriti 3800, Distrito Industrial, Manaus, Amazonas
 Main products: Bus air conditioners and Ignition components for motorbikes
 No. employees: 151

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	/	
Output	Greenhouse gases	CO ₂ from production activities (t-CO ₂) 92	
	Air	Particulate matter (t)	-
		NOx (t)	/
		SOx (t)	-
	Water quality	Water consumption (m ³)	21,432
		BOD (t)	-
		COD (t)	-
		Nitrogen (t)	/
		Phosphorus (t)	-
	Chemicals emitted (t)	/	
Waste	Waste produced (t)	22	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Boiler	Particulate matter (g/Nm ³)	350	350	0
	SOx (-)	5,000	5,000	0
Gas turbine	Particulate matter (g/Nm ³)	350	350	0
	SOx (-)	5,000	5,000	0

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	5.0 - 9.0	5.0 - 9.0	6.5	6.5	6.5
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	/	/	/	/	/
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	5	5	0.84	0.84	0.84
Soluble iron (mg/l)	15	15	3.2	3.2	3.2
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NOx: Nitrogen oxides SOx: Sulfur oxides K value: An index established through local ordinances for limiting the volume of SOx emissions. K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

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DMML DENSO MANUFACTURING MIDLANDS LTD.

Location: Shaftmoor Lane, Hall Green, Birmingham B28 8SW, The United Kingdom
 Main products: Starters and alternators
 No. employees: 444

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	/	
	Water consumption (m ³)	83,944	
	Chemicals handled (t)	15.58	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	3,048	
	Air	Particulate matter (t)	/
		NOx (t)	/
		SOx (t)	/
	Water consumption (m ³)	/	
	Water quality	BOD (t)	/
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	11.78	
Waste	Waste produced (t)	852	

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Material name	Usage volume	Inside office									Outside office						Other transfer to other than office.
		Emission			Amount of wastes			Emission	Amount of wastes								
		Atmosphere(stack)	Atmosphere(others)	Water body	Soil	Landfilling	Recycle		Energy recovery	Treatment	Landfilling	Recycle	Energy recovery	Treatment	Public treatment	Sudden generation	
Xylene	15.58	11.78	/	/	/	/	/	/	/	3.8	/	/	/	/	/	/	/

DMUK DENSO MANUFACTURING UK LTD.

Location: Queensway Campus, Hortonwood, Telford Shropshire TF1 7FS, The United Kingdom
 Main products: Heaters and air conditioners
 No. employees: 1,580

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	22	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	78,833	
	Air	Particulate matter (t)	/
		NOx (t)	/
		SOx (t)	/
	Water consumption (m ³)	-	
	Water quality	BOD (t)	/
		COD (t)	-
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	22	
Waste	Waste produced (t)	460	

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	400	360	174	10	65.8
SS (mg/l)	400	360	50	0	3.31
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	1	0.9	0.19	0	0.03
Zinc (mg/l)	3	2.7	2.08	0.01	0.39
Soluble iron (mg/l)	10	9	0.23	0.001	0.04
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	1.7	1.5	0.18	0	0.03
Fluorine (mg/l)	6	5.4	2.57	0.16	0.49
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

DNMN DENSO MARSTON LTD.

Location: Marston House, Otley Road, Shipley, West Yorkshire, The United Kingdom BD17 7JR
 Main products: Radiators, oil coolers, and inter-coolers
 No. employees: 851

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	16,512	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	16,999	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
	Water consumption (m ³)	15,108	
	Water quality	BOD (t)	/
		COD (t)	1.74
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	16,512	
Waste	Waste produced (t)	480	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
All Burners (Total)	Particulate matter (g/Nm ³)	1,000	1,000	0.0015
	NOx (ppm)	10,000	10,000	2,623
	SOx (-)	10,000	10,000	0
All Burners (Total)	Particulate matter (g/Nm ³)	1,000	1,000	0.00025
	NOx (ppm)	10,000	10,000	361
	SOx (-)	10,000	10,000	0

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	500	500	346	15	115.2
SS (mg/l)	100	100	19	3	8.4
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	2	2	1.55	0.03	0.41
Zinc (mg/l)	10	10	9.79	0.02	1.22
Soluble iron (mg/l)	2	2	ND	ND	ND
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	0.1	0.1	0.06	0.01	0.02
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions. SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

The actual measurements shown refer to maximum values with respect to the control values for each particular installation. Facilities below a specified size (excluded under legal and other regulations) are not included.

Domestic Environmental Data by Plant/Facility

DNTS DENSO THERMAL SYSTEMS S.p.A.

Location: Frazione Masio, 24 10046 Poirino TORINO, Italy
 Main products: Air conditioners, heaters, and radiators
 No. employees: 2,224

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	182,559	
	Water consumption (m ³)	434,000	
	Chemicals handled (t)	/	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	35,735	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
Output	Water consumption (m ³)	353,500	
	Water quality	BOD (t)	7.07
		COD (t)	14.14
		Nitrogen (t)	1.2726
		Phosphorus (t)	/
	Chemicals emitted (t)	/	
Waste	Waste produced (t)	886	

Air/poirino Plant

Facility type	Index	Legal limit	In-house standard	Measured level
Thermal grease remover	Particulate matter (g/Nm ³)	10	10	2.6
	SOT (total substances organic)	50	50	9.2
Melting furnace	Particulate matter (g/Nm ³)	10	10	1.7
	SOT (total substances organic)	50	50	3.36
machine	Particulate matter (g/Nm ³)	10	10	0.85
	SOT (total substances organic)	50	50	7.7

Air/Avellino Plant

Facility type	Index	Legal limit	In-house standard	Measured level
Dengrasser	Perchloroethylene	20	20	17.16
Drying Oven	Perchloroethylene	20	20	11.6
	Particulate matter (g/Nm ³)	50	50	1.5
machine	NOx (ppm)	500	500	1.5
	SOT (total substances organic)	50	50	1.6
Alcaly degreaser	Particulate matter (g/Nm ³)	50	50	0.95
	SOT (total substances organic)	50	50	3.88
He Leak & Finishing	Particulate matter (g/Nm ³)	50	50	3.3
	SOT (total substances organic)	50	50	14.4
Surface Treatments	Particulate matter (g/Nm ³)	50	50	0.5
	SOT (total substances organic)	50	50	10.7
Vacuum Brazing Single Tank	Particulate matter (g/Nm ³)	50	50	1.2
	SOT (total substances organic)	50	50	13.4
Vacuum Brazing MSS8mm (includes a thermal degreaser)	Particulate matter (g/Nm ³)	50	50	1.2
	NOx (ppm)	500	500	1.4
Thermal degreaser (3 Noccolok brazing lines)	SOT (total substances organic)	50	50	5.1
	Particulate matter (g/Nm ³)	10	10	1
Cooling (3 Noccolok brazing lines)	SOT (total substances organic)	50	50	14.3
	CO	50	50	28
Fluxer dosing (3 Noccolok brazing lines)	Particulate matter (g/Nm ³)	5	5	0.3
	SOT (total substances organic)	10	10	1.8
Drying oven (Noccolok brazing lines)	Particulate matter (g/Nm ³)	5	5	1.1
	HF	1	1	0.1
Brazing - Heating (3 Noccolok brazing lines)	SOT (total substances organic)	10	10	6.1
	Particulate matter (g/Nm ³)	5	5	1.2
Brazing - Process (3 Noccolok brazing lines)	HF	1	1	0
	SOT (total substances organic)	10	10	6.2
Cooling in air (3 Noccolok Brazing lines)	Particulate matter (g/Nm ³)	5	5	0.4
	SOT (total substances organic)	10	10	7.5
Welding cauroseal	Particulate matter (g/Nm ³)	10	10	0.7
	HF	1	1	0
Helium Leak Tester	SOT (total substances organic)	10	10	6.9
	Particulate matter (g/Nm ³)	5	5	0.3
	SOT (total substances organic)	10	10	1.9
	Particulate matter (g/Nm ³)	5	5	3.3
	HCl	1	1	0.1
	HF	1	1	0
	CO ₂	50	50	0
	Particulate matter (g/Nm ³)	5	5	1.1
	SOT (total substances organic)	10	10	5.6

Water quality/poirino Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	40	40	20	ND	20
COD (mg/l)	160	160	50	30	40
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	5	5	0.5	ND	0.5
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	0.1	0.1	0.02	ND	0.02
Zinc (mg/l)	0.5	0.5	0.05	0.05	0.05
Soluble iron (mg/l)	2	2	0.1	ND	0.1
Soluble manganese (mg/l)	/	/	/	/	/
Chrom (mg/l)	0.2	0.2	0.1	ND	0.1
Fluorine (mg/l)	6	6	0.5	ND	0.5
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	20	20	0.1	ND	0.1
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	0.2	0.2	0.1	ND	0.08

Water quality/Avellino Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	5.5 - 9.5	5.5 - 9.5	8.8	6.9	8
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	500	500	180	0	67.4
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	0.4	0.4	0.31	0.02	0.1
Zinc (mg/l)	/	/	/	/	/
Soluble iron (mg/l)	4	4	1.4	0.07	0.4
Soluble manganese (mg/l)	/	/	/	/	/
Chrom (mg/l)	/	/	/	/	/
Fluorine (mg/l)	12	12	3.1	0.3	1.5
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	30	30	6.3	2	3.5
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	0.2	0.2	0.17	0	0.05

DMIT DENSO MANUFACTURING ITALIA S.p.A.

Location: Viale Marisa Bellisario, 75 San Salvo(Chieti), Italia
 Main products: Starters, alternators, and small motors
 No. employees: 1,725

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	2.1	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	17,600	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
Output	Water consumption (m ³)	-	
	Water quality	BOD (t)	/
		COD (t)	-
		Nitrogen (t)	-
		Phosphorus (t)	-
	Chemicals emitted (t)	2.1	
Waste	Waste produced (t)	840	

Air/poirino Plant

Facility type	Index	Legal limit	In-house standard	Measured level
Boiler	Particulate matter (g/Nm ³)	5	5	2
	NOx (ppm)	350	350	186
	SOx (-) [k value]	35	35	2

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	5.5 - 9.5	5.5 - 9.5	8	6.8	7.4
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	500	500	490	300	391.6
SS (mg/l)	200	200	156	120	132
Oil (mg/l)	40	40	13	0.1	6.7
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	1	1	0.2	0.001	0.12
Soluble iron (mg/l)	4	4	0.6	0.4	0.5
Soluble manganese (mg/l)	/	/	/	/	/
Chrom (mg/l)	/	/	/	/	/
Fluorine (mg/l)	12	12	0.3	0.1	0.1
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	30	30	8	3	6.3
Total phosphorus (mg/l)	10	10	3	2	2.3
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions. SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

The actual measurements shown refer to maximum values with respect to the control values for each particular installation. Facilities below a specified size (excluded under legal and other regulations) are not included.

DMHU DENSO MANUFACTURING HUNGARY LTD.

Location: Holland fasor 14, Szekesfehervar 8000, Hungary
 Main products: Diesel injection pumps
 No. employees: 943

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	/	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	7,309	
Output	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
	Water consumption (m ³)	28,524	
	Water quality	BOD (t)	/
		COD (t)	7.3
		Nitrogen (t)	-
		Phosphorus (t)	-
	Chemicals emitted (t)	/	
	Waste	Waste produced (t)	332

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Boiler	Particulate matter (g/Nm ³)	1.071	1.071	0.2
	NOx (ppm)	0.032	0.032	0.028
Melting furnace	Particulate matter (g/Nm ³)	1.071	1.071	0.34
	NOx (ppm)	0.032	0.032	0.0065
Annealing furnace	SOx (-) [k value]	0.0225	0.0225	0.0057
	Particulate matter (g/Nm ³)	1.071	1.071	0.0155
Oven	NOx (ppm)	0.032	0.032	0.0067
	SOx (-) [k value]	0.45	0.45	0.015
Diesel generator	Particulate matter (g/Nm ³)	1.071	1.071	0.61
	NOx (ppm)	0.032	0.032	0.0063
	SOx (-) [k value]	0.45	0.45	0.0042

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	1200	1200	750	39	256
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	50	50	49	0.5	19.9
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	2	2	ND	ND	ND
Zinc (mg/l)	10	10	0.3	0.1	0.2
Soluble iron (mg/l)	20	20	ND	ND	ND
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	1	1	0.5	0.1	0.18
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

DNBA DENSO BARCELONE S.A.

Location: Calle Sakura No.1, Poligono Industrial Pla de Santa Anna, 08272, SANT FRUITOS DEL BAGES, (Barcelona) Spain
 Main products: Engine control components
 No. employees: 590

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	35,546	
	Water consumption (m ³)	17,810	
	Chemicals handled (t)	7.77	
Greenhouse gases	CO ₂ from production activities (t-CO ₂)	1,179	
Output	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	/
	Water consumption (m ³)	5,334	
	Water quality	BOD (t)	0.089
		COD (t)	0.336
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	7.77	
	Waste	Waste produced (t)	237

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Boiler	CO (ppm)	500	500	21.5
	NOx (ppm)	300	300	70.8
Electronic soldering	Particulate matter (g/Nm ³)	150	150	0.8
Oxygen sensor	Pb (g/Nm ³)	5	5	0.0245
	CO (ppm)	5	5	4.6

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	40	40	38	2.5	16.8
COD (mg/l)	150	150	120	31	63.1
SS (mg/l)	80	80	33.5	1	9.5
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	/	/	/	/	/
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions.
 SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

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 Facilities below a specified size (excluded under legal and other regulations) are not included.

Domestic Environmental Data by Plant/Facility

DNTW DENSO TAIWAN CORP.

Location: 525, Sec. 2 Mei Su Road Yang Mei Town Taoyuan Hsien, Taiwan, R.O.C.
 Main products: Automotive electrical components
 No. employees: 413

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	52,225	
	Chemicals handled (t)	1,923	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	19,309	
	Air	Particulate matter (t)	0.192
		NOx (t)	/
		SOx (t)	/
	Water quality	Water consumption (m ³)	-
		BOD (t)	0.8
		COD (t)	1.1
		Nitrogen (t)	/
		Phosphorus (t)	/
		Chemicals emitted (t)	1,923
	Waste	Waste produced (t)	88

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Thermal cleansing	Particulate matter (g/Nm ³)	0.5	0.5	0.004
Drying furnace	Particulate matter (g/Nm ³)	0.5	0.5	0.01
Scrubber	Hydrogen chloride (mg/Nm ³)	80	80	7.7
Soldered	Particulate matter (g/Nm ³)	0.5	0.5	0.005

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	50	40	33	22	26
COD (mg/l)	100	50	66	4	34.1
SS (mg/l)	30	25	8	2	4.9
Oil (mg/l)	10	10	3.4	0.5	1.95
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	3	1	0.08	0.03	0.1
Zinc (mg/l)	5	3	0.9	0.05	0.5
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

CQQ CHONGQING DENSO CO., LTD.

Location: No.55, Baihe R.D., Nanping Economic & Technic Development Zone, Chongqing, China
 Main products: Magnetos, CDI amplifiers,
 No. employees: 122

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	8,153,280	
	Water consumption (m ³)	24770	
	Chemicals handled (t)	/	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	267	
	Air	Particulate matter (t)	-
		NOx (t)	/
		SOx (t)	/
	Water quality	Water consumption (m ³)	21,055
		BOD (t)	0.61
		COD (t)	0.95
		Nitrogen (t)	/
		Phosphorus (t)	0.02
		Chemicals emitted (t)	/
	Waste	Waste produced (t)	66

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Drying furnace	Particulate matter (g/Nm ³)	5	5	1.3

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	100	90	81.7	29.7	45.1
SS (mg/l)	70	70	60	11	23.0
Oil (mg/l)	10	8	3.17	0.24	1.3
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	/	/	/	/	/
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	0.5	0.5	0.09	0.002	0.05

DNPE DENSO PS ELECTRONICS CORPORATION

Location: 853-11 Wae-dong Changwon City Kyungnam, Korea
 Main products: Instrument clusters
 No. employees: 567

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	3.99	
	Water consumption (m ³)	6,702	
	Chemicals handled (t)	/	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	1,929	
	Air	Particulate matter (t)	0.1876
		NOx (t)	0.258
		SOx (t)	0.138
	Water quality	Water consumption (m ³)	6,702
		BOD (t)	/
		COD (t)	0.167
		Nitrogen (t)	/
		Phosphorus (t)	/
		Chemicals emitted (t)	/
	Waste	Waste produced (t)	132

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Scrubber	HCl (ppm)	5	5	1.5
	NOx (ppm)	200	200	23.6
	SOx (-) [k value]	500	500	16.8
Incinerator (40kg/hr)	Particulate matter (g/Nm ³)	100	100	45.7
	NOx (ppm)	200	200	28.1
	SOx (-) [k value]	500	500	55.5
	HCl (mg/Nm ³)	50	50	2.8

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	130	104	28.9	15.3	23.1
SS (mg/l)	120	90	19.2	1.2	7.4
Oil (mg/l)	5	4	1.1	0.2	0.6
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	5	4	4.11	0.61	1.63
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	0.5	0.5	0.4	0	0.91

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions.
 SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

The actual measurements shown refer to maximum values with respect to the control values for each particular installation.
 Facilities below a specified size (excluded under legal and other regulations) are not included.

DNHA DENSO HARYANA PVT. LTD.

Location: The Capital Court, 3rd Floor, Left Wing, Olf Palme Marg, Munirka, New Delhi-110 067, India
 Main products: Fuel pumps, injectors, engine ECUs,
 No. employees: 304

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	2,135	
	Water consumption (m ³)	109,500	
	Chemicals handled (t)	0.20	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	5,658	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
	Water consumption (m ³)	17,162	
	Water quality	BOD (t)	0.05
		COD (t)	0.21
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	0.20	
Waste	Waste produced (t)	318	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Oven	Particulate matter (g/Nm ³)	400	400	6.7
	NOx (ppm)	2,000	2,000	7.7
	SOx (-) [k value]	200	200	1.3
Brazeing Furnace	Particulate matter (g/Nm ³)	400	400	20.0
	NOx (ppm)	2,000	2,000	9.4
	SOx (-) [k value]	200	200	1.3
Generator	Particulate matter (g/Nm ³)	400	400	20.7
	NOx (ppm)	2,000	2,000	187
	SOx (-) [k value]	200	200	104

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	20	20	5	2	3
COD (mg/l)	50	50	27	4	12
SS (mg/l)	50	50	14	2	4
Oil (mg/l)	ND	ND	2	2	2
Phenol (mg/l)	0.001	0.001	0.001	0.001	0.001
Copper (mg/l)	0.2	0.2	0.14	0.01	0.05
Zinc (mg/l)	2	2	0.53	0.09	0.24
Soluble iron (mg/l)	1	1	0.51	0.08	0.24
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	0.2	0.2	0.01	0.01	0.01
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	0.05	0.05	0.03	0.02	0.02
Hexavalent chrome (mg/l)	0.05	0.05	0.01	0.01	0.01

DNIN DENSO INDIA LTD.

Location: III Floor The Capital Court,Olf Palme Marg,Munirka New Delhi-110 067 ,India
 Main products: Alternators, starters, electric fans,
 No. employees: 1,215

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	4.44	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	8,180	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
	Water consumption (m ³)	-	
	Water quality	BOD (t)	-
		COD (t)	-
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	4.44	
Waste	Waste produced (t)	950	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Melting furnace	Particulate matter (g/Nm ³)	150	150	117.5
	NOx (ppm)	60	60	18.6
	SOx (-) [k value]	60	60	24.5
painting Oven	Particulate matter (g/Nm ³)	150	150	36.3
	NOx (ppm)	60	60	ND
	SOx (-) [k value]	60	60	ND
painting booth	Particulate matter (g/Nm ³)	150	150	57.5
	NOx (ppm)	60	60	ND
	SOx (-) [k value]	60	60	ND
phosphating	Particulate matter (g/Nm ³)	150	150	32.8
	NOx (ppm)	60	60	ND
	SOx (-) [k value]	60	60	ND
epoxy coating	Particulate matter (g/Nm ³)	150	150	24.5
	NOx (ppm)	60	60	ND
	SOx (-) [k value]	60	60	ND
adhesive baking	Particulate matter (g/Nm ³)	150	150	36.3
	NOx (ppm)	60	60	ND
	SOx (-) [k value]	60	60	ND

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	100	100	28	22	25.5
COD (mg/l)	250	250	220	80	135
SS (mg/l)	200	200	68	24	49.7
Oil (mg/l)	10	10	8	2	4.5
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	5	5	4	2.3	2.9
Soluble iron (mg/l)	3	3	2	0.4	1.15
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

DNKI DENSO KIRLOSKAR INDUSTRIES PVT. LTD.

Location: 30th K.M. Stone, Tumkur Road-NH4 Vishveshwarapura, Nelamangala BANGALORE RURAL
 Main products: Radiators and air conditioners
 No. employees: 123

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	24,439	
	Water consumption (m ³)	19,240	
	Chemicals handled (t)	-	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	1,448	
	Air	Particulate matter (t)	-
		NOx (t)	/
		SOx (t)	/
	Water consumption (m ³)	7,030	
	Water quality	BOD (t)	0.105
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	-	
Waste	Waste produced (t)	62.64	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Degreasing Oven (Radiator)	Particulate matter (g/Nm ³)	150	150	28.5
Painting Booth	Particulate matter (g/Nm ³)	150	150	14.5

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	20	20	16.7	12.9	14.9
COD (mg/l)	/	/	/	/	/
SS (mg/l)	30	30	23.2	16.5	18.8
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	/	/	/	/	/
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions. SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

The actual measurements shown refer to maximum values with respect to the control values for each particular installation. Facilities below a specified size (excluded under legal and other regulations) are not included.

Domestic Environmental Data by Plant/Facility

DNTH DENSO (THAILAND) CO., LTD.

Location: 369 Moo 3 Teparak Road, T. Teparak, A. Muang, Samutprakarn 10270 Thailand
 Main products: Electrical automotive components,
 No. employees: 1,307

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	116,873	
	Water consumption (m ³)	256,421	
	Chemicals handled (t)	2,856	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	18894.33	
	Air	Particulate matter (t)	-
		NOx (t)	3.35
		SOx (t)	0.05
	Water consumption (m ³)	71,909	
	Water quality	BOD (t)	-
		COD (t)	2.82
		Nitrogen (t)	-
		Phosphorus (t)	-
	Chemicals emitted (t)	2,856	
Waste	Waste produced (t)	138.3	

Air/BPK Plant

Facility type	Index	Legal limit	In-house standard	Measured level
Boiler	Particulate matter (g/Nm ³)	400	400	3.1
	NOx (ppm)	470	470	45.56
	SOx (-) [k value]	1,250	1,250	ND
Heating	Particulate matter (g/Nm ³)	15	15	9.17
Powder Coating	Particulate matter (g/Nm ³)	15	15	0.83
Short Blast	Particulate matter (g/Nm ³)	15	15	7.5
Molykote	Particulate matter (g/Nm ³)	15	15	1.67

Air/Samrong Plant

Facility type	Index	Legal limit	In-house standard	Measured level
Boiler	Particulate matter (g/Nm ³)	400	400	19.3
	NOx (ppm)	470	470	57
	SOx (-) [k value]	1,300	1,300	18
Generator	Particulate matter (g/Nm ³)	400	400	31.1
	NOx (ppm)	250	250	204
	SOx (-) [k value]	1,250	1,250	18
Braze furnace	Particulate matter (g/Nm ³)	400	400	15.6
	NOx (ppm)	250	250	9
	SOx (-) [k value]	1,250	1,250	10
Stack of Degreasing	Particulate matter (g/Nm ³)	400	400	1.6
	NOx (ppm)	250	250	3
	SOx (-) [k value]	1,250	1,250	1
Stack of Flux binder	Particulate matter (g/Nm ³)	400	400	1.1
	NOx (ppm)	250	250	6
	SOx (-) [k value]	1,250	1,250	1
Spray booth	Particulate matter (g/Nm ³)	15	15	0.02
	NOx (ppm)	/	/	/

Water quality/BPK Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	5.5 - 9.0	5.5 - 9.0	8.3	6.14	7.0
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	750	750	458.3	16	114.9
SS (mg/l)	200	200	34.76	8.4	39.7
Oil (mg/l)	10	10	7.8	0	0.9
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	2	2	0.3	0	0.01
Zinc (mg/l)	5	5	2.26	0.07	0.37
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Water quality/Samrong Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	5.5 - 9.0	5.5 - 9.0	8.5	6.06	7.76
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	120	120	88	4	27.9
SS (mg/l)	50	50	49.6	1.4	16.3
Oil (mg/l)	5	5	5	0	2.1
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	/	/	/	/	/
Zinc (mg/l)	5	5	3.04	0	0.11
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	0.25	0.25	0.19	0	0.04

AAA AUSTRALIAN AUTOMOTIVE AIR PTY. LTD.

Location: 453 Dorset Road, Croydon, Victoria, Australia
 Main products: Air conditioners, radiators
 No. employees: 567

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	132,894	
	Water consumption (m ³)	43,900	
	Chemicals handled (t)	16.61	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	29,882	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	/
	Water consumption (m ³)	61,450	
	Water quality	BOD (t)	/
		COD (t)	/
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	4.32	
Waste	Waste produced (t)	432	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Heat degreaser Cond	Particulate matter (g/Nm ³)	1,148	1,148	ND
	NOx (ppm)	350	350	41 - 47
Heat degreaser STMS Evap	Particulate matter (g/Nm ³)	1,148	1,148	6.6
	NOx (ppm)	350	350	12
Heat degreaser SP Evap	Particulate matter (g/Nm ³)	1,148	1,148	2.3
	NOx (ppm)	350	350	49 - 70

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	/	/	/	/	/
COD (mg/l)	/	/	/	/	/
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	200	200	153	5	31
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	10	10	0.04	0.04	0.04
Zinc (mg/l)	10	10	0.03	0.03	0.03
Soluble iron (mg/l)	30	30	6.88	0.12	1.37
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	10	10	5.93	0.04	1.17
Fluorine (mg/l)	30	30	23	7.9	11.65
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide (mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

NPI

Company, Plant	Material name	Usage volume	Inside office									Outside office						Other transfer to other than office.	
			Emission			Amount of wastes			Emission			Amount of wastes			Public treatment	Sudden generation			
			Atmosphere(stack)	Atmosphere(others)	Water body	Soil	Landfilling	Recycle	Energy recovery	Treatment	Landfilling	Recycle	Energy recovery	Treatment					
AAA/FDI	Toluene	0.62	0.61	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	-	-	-	-
	Xylene	0.11	0.11	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-
AAA	N-Hexane	3.68	3.60	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04	-	-	-
	Chrome-Solid	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.20	0.00	0.00	0.00	-	0.00	-

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions.
 SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

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DNIA P.T. DENSO INDONESIA CORP.

Location: JL.Gaya Motor,Sunter,Kel Sungai Bambu,Tanjung Priok,Jakarta Utara,
Main products: Air conditioners, radiators
No. employees: 1,720

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	51,126,070	
	Water consumption (m ³)	151,857	
	Chemicals handled (t)	6.4	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	13,713	
	Air	Particulate matter (t)	/
		NOx (t)	-
		SOx (t)	-
	Water consumption (m ³)	44,702	
	Water quality	BOD (t)	0.49
		COD (t)	1.21
		Nitrogen (t)	/
		Phosphorus (t)	/
	Chemicals emitted (t)	6.4	
Waste	Waste produced (t)	186	

Air/SUNTER Plant

Facility type	Index	Legal limit	In-house standard	Measured level
Core Oven	NOx (mg/Nm ³)	1,000	1,000	0.26
	SOx (-)	800	800	0.026
Genset	NOx (mg/Nm ³)	1,000	1,000	222
	SOx (-)	800	800	27.1
Electro Plating	NOx (mg/Nm ³)	1,000	1,000	0.34
	SOx (mg/Nm ³)	800	800	0.6
Painting	NOx	1,000	1,000	0.22
	SOx	800	800	0.1

Air/BEKASI Plant

Facility type	Index	Legal limit	In-house standard	Measured level
furnace	NOx (ppm)	1,000	1,000	110.2
	SOx (-)	800	800	69
Degreasing	NOx(ppm)(NOx(ppm))	1,000	1,000	105.6
	SOx(-)(SOx(ppm))	800	800	43.8
Washing	NOx (ppm)	1,000	1,000	37.1
	SOx (-)	800	800	57.8
Brazing	NOx (ppm)	1,000	1,000	26.9
	SOx (-)	800	800	26.5

Water quality/SUNTER Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	75	75	2.0	0.2	0.7
COD (mg/l)	100	100	3.9	1.9	3.0
SS (mg/l)	/	/	/	/	/
Oil (mg/l)	5	5	0.53	0.15	0.29
Phenol (mg/l)	/	/	/	/	/
Copper (mg/l)	1	1	0.02	0.02	0.02
Zinc (mg/l)	2	2	0.34	0.02	0.12
Soluble iron (mg/l)	5	5	0.39	0.07	0.14
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	2	2	0.9	0.02	0.2
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

Water quality/BEKASI Plant

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	200	200	53.1	8.1	30.4
COD (mg/l)	400	400	125	19.2	71.4
SS (mg/l)	400	400	60	2	23
Oil (mg/l)	10	10	7.1	0.78	3.94
Phenol (mg/l)	0.5	0.5	0.31	0.03	0.17
Copper (mg/l)	2	2	0.04	0.04	0.04
Zinc (mg/l)	5	5	0.11	0.08	0.09
Soluble iron (mg/l)	/	/	/	/	/
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	/	/	/	/	/
Fluorine (mg/l)	2	2	1.4	0.92	1.28
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	/	/	/	/	/
Hexavalent chrome (mg/l)	/	/	/	/	/

DNMY DENSO (MALAYSIA) SDN. BHD.

Location: Lot 2, Jalan P/1, Section 13, 43650 Bandar Baru Bangi, Selangor Darul Ehsan, Malaysia
Main products: Electrical automotive components
No. employees: 1,185

0: Zero ND: Not detected (below detection limits) -: Unknown /: Not applicable

Comprehensive Environmental Facts

Category		Amount (measured level)	
Input	Energy use (GJ)	-	
	Water consumption (m ³)	-	
	Chemicals handled (t)	2,688	
Output	Greenhouse gases CO ₂ from production activities (t-CO ₂)	19,235	
	Air	Particulate matter (t)	-
		NOx (t)	-
		SOx (t)	-
	Water consumption (m ³)	17,162	
	Water quality	BOD (t)	0.047
		COD (t)	0.21
		Nitrogen (t)	-
		Phosphorus (t)	-
	Chemicals emitted (t)	2,688	
Waste	Waste produced (t)	563	

Air

Facility type	Index	Legal limit	In-house standard	Measured level
Oven	Particulate matter (g/Nm ³)	400	400	6.7
	NOx (ppm)	2,000	2,000	7.73
	SOx (-)	200	200	1.3
Brazing Furnace	Particulate matter (g/Nm ³)	400	400	20
	NOx (ppm)	2,000	2,000	9.35
	SOx (-) [K値]	200	200	1.3
Generator	Particulate matter (g/Nm ³)	400	400	20.67
	NOx (ppm)	2,000	2,000	187
	SOx (-)	200	200	104

Water quality

Index	Legal limit	In-house standard	Measured level		
			Max	Min	Ave
pH	/	/	/	/	/
BOD (mg/l)	20	20	5	2	2.8
COD (mg/l)	50	50	27	4	12.4
SS (mg/l)	50	50	14	2	4.1
Oil (mg/l)	/	/	/	/	/
Phenol (mg/l)	0.001	0.001	0.001	0.001	0.001
Copper (mg/l)	0.2	0.2	0.14	0.01	0.05
Zinc (mg/l)	2	2	0.53	0.09	0.24
Soluble iron (mg/l)	1	1	0.51	0.08	0.24
Soluble manganese (mg/l)	/	/	/	/	/
Chrome (mg/l)	0.2	0.2	0.01	0.01	0.01
Fluorine (mg/l)	/	/	/	/	/
Colon bacillus (#/ml)	/	/	/	/	/
Total nitrogen (mg/l)	/	/	/	/	/
Total phosphorus (mg/l)	/	/	/	/	/
Cyanide(mg/l)	0.05	0.05	0.03	0.02	0.02
Hexavalent chrome (mg/l)	0.05	0.05	0.01	0.01	0.01

Note NOx: Nitrogen oxides K value: An index established through local ordinances for limiting the volume of SOx emissions.
SOx: Sulfur oxides K values are lower (more stringent) in regions in which there is concern over the possibility of high concentrations of SOx.

The actual measurements shown refer to maximum values with respect to the control values for each particular installation. Facilities below a specified size (excluded under legal and other regulations) are not included.