

Compliance with Laws and Regulations

The Dexerials Group has established and managed its own standards in relation to applicable items in laws, regulations, and ordinances concerning atmospheric and water pollution and so on at manufacturing sites in Japan and overseas. We implement measures to ensure that we do not exceed regulatory standards under the Noise Regulation Act, Vibration Regulation Act, and the Offensive Odor Control Act within in our sites, and we have established and manage our own standards.

※The Tagajo Plant is leased properties, and outside of our management.

Compliance with laws and regulations in fiscal 2021

■ Domestic manufacturing sites

Kanuma Plant

Ei Ubhjm FYgi hUj YFU[Y'fa UI "a YUgi FYX j UI YL

5]f Dc"i h]cb 7cb]fc"5Vh	hYa	l b]h	@Y[U'ghUbXUFXg	Ci f'ghUbXUFXg	Ei Ubhjm
	Gcch	[#Ba '	O \$ "%	O \$ "%	\$"\$\$ fB"\$\$\$) L
	B]f]c[Yb'cl]XYg	dda	O % \$	O % %)	' ' fl - L
	Gi 'z f'cl]XYg	!	O, [? ' j UI Y]	O (	O \$"%fD \$"%L
	VOC	dda 7	O % (\$ \$	O + \$ \$	% %fl -) L

K UHYf Dc"i h]cb 7cb]fc"5Vh	hYa	l b]h	? Ubi a U'D'UbhBc"%			? Ubi a U'D'UbhBc"&		
			@Y[U'ghUbXUFXg	Ci f'ghUbXUFXg	Ei Ubhjm	@Y[U'ghUbXUFXg	Ci f'ghUbXUFXg	Ei Ubhjm
	< mXfc[Ybl]cb WbWbifU]cb(pH)	-	) "8~8.*	**2~8.(	+ " fl "%L	) "8~8.*	**2~8.(	+ " fl "%L
	6C8l %	a [/l	O & \$	O % \$	& " + fl " \$L	O & \$	O % \$ " \$	(" %fl " + L
	'7C8l &	a [/l	O & \$	O % \$ &	& " + fl " \$L	O & \$	O % \$ " \$	& " fl " " L
	GGI '	a [/l	O (\$	O & \$	% + fl %L	O (\$	O & \$ " \$	% %fl %L
	B\ \Yl UbY'fa]bYFU'c]g	a [/l	O	O % (	O % \$fD %L	O	O % %	O % \$fD %L
	7cddYf	a [/l	O'	O %)	\$ "%fl\$ " L	O'	O %)	\$ "%fl\$ " L
	=fcb	a [/l	O'	O %)	\$ "%fl\$ " L	O'	O %)	\$ "%fl\$ " L
	7c]VUW'i g	dVg/ml	O' \$\$\$	O % \$ \$	\$ "\$f&" \$L	O' \$\$\$	O % \$ \$	*) " + fl, \$L
B]f]c[Yb	a [/l	O * \$	O' \$	* " fl % " \$L	O * \$	O' \$ * \$	* " & fl ") L	
D\cgd\cfl g	a [/l	O,	O (" \$	\$ "%fl\$ " (L	O,	O (" \$	\$ " fl % " L	

† 1 BOD : 6]cWYa]W' Cl m] Yb'8Ya UbX

† 2 COD : 7\Ya]W' Cl m] Yb'8Ya UbX

† 3 SS : Gi gdYbXYX Gc]Xg

CZYbg] Y'CXcf 7cb]fc"5Vh	hYa	FY[i 'Uhc]fmg]hUbXUFXg f]fcdYf]mVci bXUf]Yg	Ei Ubhjm
	CXcf]bXYl		%	O % $fD %L

Bc]gY FY[i 'Uh]cb 5Vh	H]a Y	l b]h	FY[i 'Uhc]fmg]hUbXUFXg	Ei Ubhjm
	* :00~8:\$ \$	d6	+\$	(, fl) & L
	, :00~18:\$ \$	d6	+	) ) fl ' L
	% :00~22:\$ \$	d6	+\$	(- fl) %L
&&:00~6:\$ \$	d6	* \$	(+ fl) \$L	

J]VfU]cb FY[i 'Uh]cb 5Vh	H]a Y	l b]h	FY[i 'Uhc]fmg]hUbXUFXg	Ei Ubhjm
	, :00~20:\$ \$	dB	+\$	' & fl + L
	&\$:00~8:\$ \$	d6	*)	O' \$fD' \$L

Headquarters and Tochigi Technology Center

Quantity: Result average (max. measured value)

Water Pollution Control Act	Item	Unit	Legal standards	Our standards	Quantity
	Hydrogen-ion concentration(pH)	-	5.8~8.6 *4	6.5~8.5	8.0(8.2)
	BOD*1	mg/l	<10 *4	<8	2.6(4.7)
	COD*2	mg/l	<10 *4	<8	3.6(6.4)
	SS*3	mg/l	<40 *4	<20	2.0(17.0)
	N-hexane (mineral oils)	mg/l	<5 *4	<2.5	<1.0(2.0)
	Copper	mg/l	<3	<1.5	0.1(0.1)
	Iron	mg/l	<3	<1.5	0.1(0.1)
	Colibacillus	mg/l	<3000	<1500	110.6(870)
	Nitrogen	mg/l	<60	<30.0	9.2(23.0)
Phosphorus	mg/l	<8	<4.0	1.1(4.5)	

*1 BOD : Biochemical Oxygen Demand

*2 COD : Chemical Oxygen Demand

*3 SS : Suspended Solids

*4 : Agreement standards

Noise Regulation Act	Time	Unit	Regulatory standards	Quantity
	6:00~8:00	dB	70	48(52)
	8:00~18:00	dB	75	50(53)
	18:00~22:00	dB	70	47(54)
	22:00~6:00	dB	60	47(52)

Vibration Regulation Act	Time	Unit	Regulatory standards	Quantity
	8:00~20:00	dB	70	31(34)
	20:00~8:00	dB	65	31(31)

DXPC

Quantity: Result average (max. measured value)

Air Pollution Control Act	Item	Unit	Legal standards	Our standards	Quantity
	Soot	g/Nm ³	<0.3	<0.03	0.003(0.004)
	Nitrogen oxides	ppm	-	<90	67(71)
	Sulfur oxides	mg/h	<1.26	<0.126	0.018(0.023)

Sewerage Act	Item	Unit	Regulatory standards	Our standards	Quantity
	Hydrogen-ion concentration(pH)	-	5.8~8.6	6.1~8.3	7.8(8.0)
	BOD	mg/l	<300	<90	8.8(30.0)
	SS	mg/l	<300	<250	26.0(44.0)
	N-hexane(mineral oils)	mg/l	<5	<1.5	<1.0(<1.0)
N-hexane(animal andvegetable oils)	mg/l	<30	<9	<1.0(<1.0)	

Offensive Odor Control Act	Item	Agreement standards	Quantity
	Odor strength	1.8	0.5(0.6)

Noise Regulation Act	Time	Unit	Agreement standards	Quantity
	6:00~8:00	dB	50	47.8(49.7)
	8:00~18:00	dB	55	49.4(49.7)
	18:00~22:00	dB	50	49.7(49.8)
	22:00~6:00	dB	45	44.7(44.8)

Vibration Regulation Act	Time	Unit	Agreement standards	Quantity
	8:00~20:00	dB	48	31(31)
	20:00~8:00	dB	44	31(33)

■ Overseas manufacturing site

Dexerials (Suzhou) Co., Ltd.

Quantity: Result average (max. measured value)

Air Pollution Control Act	Item	Unit	Legal standards	Our standards	Quantity
	NMHC*1	kg/h	<10	<10	0.018(0.032)
		mg/m3	<120	<120	1.50(1.68)
	fine particles	mg/m3	<1	<1	0.137(0.137)

*1 NMHC : non-methane hydro

fine particles : other dust

Environmental Noise Pollution Control Law	Item	Unit	Regulatory standards	Quantity
	6:00~22:00	dB	65	62(62)
	22:00~6:00	dB	55	51(51)