

# Site environmental impact information

## YKK Group main domestic plants and plants abroad that have received ISO 14001 certification

		Property area (1000 m <sup>2</sup> )	Total floor area of building (1000 m <sup>2</sup> )	Types of business	Number of employees
Japan	YKK Corporation Kurobe Plant	718	551	Fasteners, T&P manufacture, precision machinery and die manufacture	3,123
	YKK Corporation Kurobe Makino Plant	104	53	Fastener metal materials manufacture	207
	YKK AP Inc. Kurobe Materials Manufacturing Plant	299	263	Architectural aluminum frame materials manufacture	1,110
	YKK AP Inc. Kurobe Ekko Manufacturing Plant	221	154	Architectural parts manufacture	654
	YKK AP Inc. Kurobe Ogyu Manufacturing Plant	337	126	Architectural products finishing and assembly	699
	YKK AP Inc. Namerikawa Manufacturing Plant	667	116	Architectural products finishing and assembly	900
	YKK AP Inc. Tohoku Manufacturing Plant	729	324	Architectural products manufacture	1,390
	YKK AP Inc. Shikoku Manufacturing Plant	330	180	Architectural products manufacture	892
	YKK AP Inc. Kyushu Manufacturing Plant	342	205	Architectural products manufacture	918
North and Central America	YKK (U.S.A.) Inc.	1,226	223	Fasteners, S&B, T&P manufacture	797
	YKK Canada Inc.	57	29	Fasteners, S&B manufacture	170
	YKK AP America Inc.	809	72	Aluminum architectural materials manufacture	351
South America	YKK Do Brazil Ltda.	247	51	Fasteners, S&B, T&P manufacture	433
East Asia	Shanghai YKK Zipper Co., Ltd.	104	45	Fasteners manufacture	842
	YKK Hong Kong Ltd.	14	143	Fasteners manufacture	626
	Dalian YKK Zipper Co., Ltd.	148	101	Fasteners manufacture	825
	YKK Taiwan Co., Ltd. (Fastening Products Division)	79	122	Fasteners manufacture	811
	YKK Korea Co., Ltd.	43	48	Fasteners manufacture	271
	YKK Zipper Shenzhen Co., Ltd.	105	104	Fasteners manufacture	1,144
	Dalian YKK AP Co., Ltd.	60	34	Resin architectural materials manufacture	215
	YKK Taiwan Co., Ltd. (Architectural Products Division)	12	7	Aluminum architectural materials manufacture	79
ASEAN South Asia & Oceania	P.T. YKK Zipper Indonesia	84	33	Fasteners, S&B, T&P manufacture	1,418
	P.T. YKK Zipper Indonesia Cibitung PPD plant	15	15	Fabric material for fasteners manufacture	121
	P.T. Zipco Indonesia	159	76	Fasteners and fastener parts manufacture	751
	YKK Singapore Pte. Ltd.	14	12	Fasteners manufacture	218
	YKK (Thailand) Co., Ltd.	146	28	Fasteners, S&B manufacture	450
	YKK Zipper Philippines Inc.	60	12	Fasteners manufacture	229
	YKK Vietnam Co., Ltd.	58	17	Fasteners manufacture	248
	YKK India Pvt. Ltd.	105	29	Fasteners manufacture	332
	P.T. YKK AP Indonesia	182	74	Aluminum architectural materials manufacture	829
Europe, Middle East, Africa	YKK (U.K.) Ltd.	74	38	Fasteners manufacture	202
	YKK Stocko Fasteners GmbH.	49	23	S&B manufacture	265
	Dynat Verschlusstechnik GmbH.	—	2	Fasteners manufacture	28
	YKK Deutschland GmbH.	56	20	Fasteners manufacture	185
	YKK France SARL	62	26	Fasteners manufacture	250
	YKK Italia S.p.A.	137	42	Fasteners manufacture	258
	YKK España S.A.	65	40	Fasteners manufacture	264
	YKK Hellas A.E.B.E	30	3	Fasteners manufacture	36
	YKK Metal ve Plastik Urunleri Sanayi ve Ticaret A.S.	67	23	Fasteners, S&B manufacture	391
	YKK Egypt S.A.E	17	6	Fasteners manufacture	100
	YKK Southern Africa (Pty) Ltd.	33	18	Fasteners, S&B manufacture	204
	YKK Portugal-Acessorios Para Vestuario, Lda.	20	5	Fasteners manufacture	62
	YKK Belgium NV.	21	5	Fasteners manufacture	34

S&B manufacture: snaps, buttons, rivets and other metal parts manufacture

T&P manufacture: Hook and Loop Fasteners, fabric tape, buckles and other resin products manufacture

(Results of fiscal 2003)

Power (1000 kWh)	Fuel (GJ)	CO <sub>2</sub> (t)	Amount recycled (t)	Amount disposed of (t)	Recycling rate (%)	Amount of paper used (t)	Water consumption (1000 m <sup>3</sup> )	Exhaust water discharge destination	Leakage/outflow accidents
106,672	227,801	55,669	2,398	228	91	50.4	2,269	River	None
36,660	31,476	15,924	233	84	74	1.7	827	River	None
90,414	432,047	63,339	453	640	41	18.0	7,381	River	None
30,543	35,930	14,002	157	282	36	10.1	692	Sea	None
13,736	19,735	6,532	329	19	95	23.7	232	River	None
14,792	28,214	7,469	2,171	321	87	19.7	306	River	None
78,785	259,792	47,583	4,717	245	95	25.4	3,580	River	None
35,463	465,453	45,456	311	0	100	17.3	1,500	Sea	None
38,317	522,587	50,228	488	0	100	16.2	2,120	Sea	None
118,827	185,148	54,132	1,292	464	74	16.0	669	Sewerage system	None
8,165	32,581	4,688	162	112	59	3.6	80	Sewerage system	None
24,693	127,780	15,622	1,583	437	78	6.6	237	Sewerage system	None
14,287	54,748	9,297	333	113	75	3.2	277	River	None
16,390	50,181	9,626	821	22	97	23.0	384	Sewerage system	None
14,044	44,202	8,278	322	317	50	14.2	220	Sewerage system	None
14,307	64,827	9,847	304	52	85	10.8	354	Sewerage system	None
59,240	125,055	31,249	391	1,125	26	17.5	1187	River	None
8,902	29,111	5,352	182	345	34	5.8	109	River	None
24,337	58,525	13,173	756	467	62	8.8	472	River	None
4,741	8,082	2,340	186	1	99	3.0	30	Sewerage system	None
461	0	174	22	16	57	0.6	2	River	None
13,890	88,745	10,008	8	120	6	5.8	334	River	None
12,499	249,170	21,771	0	303	0	2.6	102	River	None
32,039	70,091	16,253	0	289	0	5.1	261	River	None
4,956	12,223	2,708	124	75	62	3.0	80	Sewerage system	None
7,738	20,348	4,320	16	76	18	5.2	274	Sea	None
2,831	12,525	1,955	43	102	30	2.0	77	River	None
4,733	18,455	3,063	37	24	61	5.9	135	Sewerage system	None
(7,877)	117,885	8,099	168	113	60	1.9	216	Sewerage system	None
28,070	178,926	19,421	2,418	69	97	7.6	298	River	None
5,390	60,437	6,182	97	330	23	2.1	92	Sewerage system	None
3,944	248,847	14,289	228	106	68	8.7	40	Sewerage system	None
197	0	74	1	9	9	0.2	—	Sewerage system	None
4,192	33,210	3,221	192	0	100	3.5	91	Sewerage system	None
3,452	35,500	3,055	51	148	26	0.5	54	Sewerage system	None
8,579	119,773	9,151	509	33	94	—	395	River	None
9,688	25,378	4,909	550	95	85	5.9	123	River	None
558	3,866	442	285	119	71	—	2	Sewerage, underground	None
5,003	29,850	3,369	101	50	67	3.6	252	Sewerage system	None
1,207	7,272	918	9	8	54	1.7	51	Sewerage system	None
3,543	19,798	3,189	28	17	61	2.9	65	Sewerage system	None
798	3,950	496	33	67	33	0.4	22	River, sewerage system	None
166	1,916	195	0	22	0	1.9	1	Sewerage system	None

\* The electric power used by YKK India is all generated by the company itself, so the amount of power generated is noted for reference in the Power column.

\* There were no accidents of leakage or outflow outside these plants.