

Improvement of working environment

For the sake of safety and employee's health in the workshops, and local environmental pollution prevention, we are always improving the working environment, checking mainly noise and chemical substances.

Noise

Our goal was a reduction of number of No 3 control area in noisy workshops by half (59 workshops) in fiscal 2000, compared with fiscal 1996 (118 workshops).

Results are 37 workshops in fiscal 2000, achieving the goal excessively.

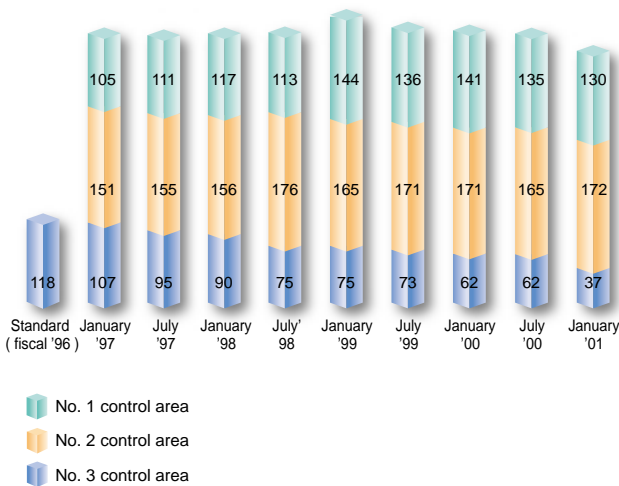
We promote the reduction of the area from now on.

Hazardous substances

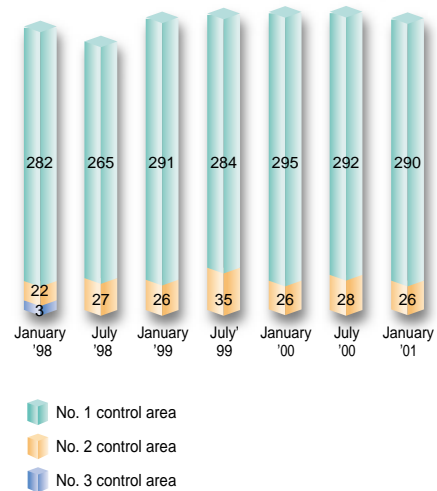
Regarding hazardous substances handling workshops (dust, organic solvents, special chemicals, and lead), there are no No. 3 control area.

However we are improving the working environment of these workshops.

Transition of numbers of company-wide noisy workshops



Transition of numbers of company-wide hazardous substances handling workshops (dust, organic solvents, special chemicals, and lead)



Working Environment, An example of improvement of noisy workshops (Funabashi plant)

Pipe ends forming machine



Before improvement



After improvement

Chemical substances control

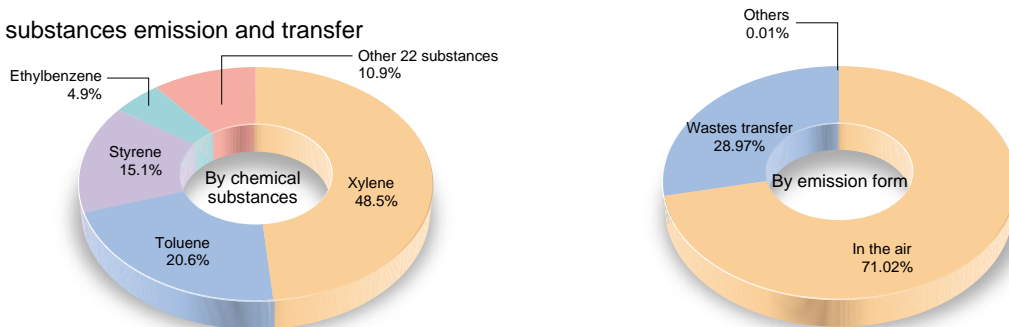
We at Kubota use 26 chemical substances in 354 chemical substances of No.1 specific chemical substances of the PRTR law. Xylene, Toluene, Styrene and Ethylbenzene are chemical substances whose amount of discharge and transfer is large. We at Kubota make an effort to prevent environmental pollution both inside and outside our plants, by appropriate control of chemical substances. At the same time, we are promoting the reduction of those chemicals both in discharge and in transfer.

PRTR aggregate results (as of fiscal 2000)

(unit : kg/year, mg-TEQ / year for dioxins)

Substances	Emission				Transfer	
	Air	Water	Soil	Landfill	Sewerage	Transfer from plants
Water-soluble zinc compound	0	0	0	0	35	816
Bis (2-ethylhexyl) adipic acid	0	0	0	0	0	229
2-aminoethanol	0	0	0	0	0	3,317
Asbestos	13	29	0	0	62	64,327
Bisphenol A type epoxy resin	948	0	0	0	0	1,897
Ethylbenzene	42,255	0	0	0	0	24,864
Ethylene glycol	0	0	0	0	0	230
Xylene	597,832	0	0	0	0	71,813
Chromium and its trivalent compounds	205	0	0	0	0	2,220
Hexavalent chromium compounds	0	0	0	0	0	555
Cobalt and its compounds	0	0	0	0	0	0
Dichloromethane	7,396	0	0	0	0	0
Organic tin compounds	271	0	0	0	0	2,439
Styrene	44,027	0	0	0	0	165,181
Dioxins	120	0	0	0	0	19
Trichloroethylene	8,179	0	0	0	0	5,131
1, 3, 5-trimethylbenzene	5,136	0	0	0	0	116
Toluene	273,715	0	0	0	0	10,670
Lead and its compounds	130	0	0	0	0	10,404
Nickel	0	0	0	0	0	0
Di-n-butyl phthalate	0	0	0	0	0	121
Bis (2-ethylhexyl) phthalate	909	0	0	0	0	1,818
Boron and its compounds	0	0	0	0	0	829
Manganese and its compounds	0	0	0	0	0	33,220
Phthalic anhydride	0.04	0	0	0	0	0.4
Molybdenum and its compounds	0	0	0	0	0	0
Total	981,016	29	0	0	97	400,196

Status of chemical substances emission and transfer



Pipe axial feeding equipment



Before improvement



After improvement