

Appendix № 3.7
to the Annual Report of IDGC of Centre
for 2019

Additional information on injuries

	2017	2018	2019
Occupational injuries per 1,000 employees			
No disability	0	0	0
Moderate	0,0338	0,0336	0,102
Fatal (with indication of a branch and gender)	0,101	0	0,0341
Injury rate Injury rate = $N * 1000 / E$ (N is the number of recorded industrial accidents for the reporting period with disability for one or more days, E is the average number of employees)	0,135	0,0336	0,136
Number of occupational diseases per 1,000 employees	0	0	0
Injury severity rate Injury severity rate = D / N (D - the sum of days of disability in all cases; N - the total number of accidents)	33	164	234
Lost days ratio	4,46	5,5	31,8
Absence rate in the workplace	0,13	0,62	0,91
The number of fatal accidents associated with the work of independent contractors working at the organization's facilities	0	0	0
The number of injured in accidents	4	1	4
The number of fatal injuries	3	0	1

Additional information on emissions of pollutants and quantity of water taken in and waste

Emission of pollutants in 2017-2019

Indicators	UoM	2017	2018	2019
Gross emission into the atmosphere of pollutants, total	t	157.8	132.2	116.8
including:				
solid	t	12.2	9.9	9.0
where:				
solid fuel ashes	t	0.0	0.0	0.0
gaseous and liquid	t	145.6	122.3	118.7
where:				
sulphur dioxide	t	0.5	1.1	0.4
carbon monoxide	t	74.3	64.2	60.6
nitrogen oxides (expressed as NO ₂)	t	6.2	5.3	5.1

Captured and disposed pollutants, total	t	8.0	19.5*	22.5
including:				
solid	t	8.0	19.5	22.5

*The increase is due to the work of woodworking machines with an installation for trapping pollutants of the branch “Voronezhenergo”.

Indicators	UoM	2017	2018	2019
Gross greenhouse gas emissions into the air, total	t CO2 equivalent	4176.1	4308.1	4423.2
including:				
carbon dioxide (CO2)	t CO2 equivalent	-	-	-
methane (CH4)	t CO2 equivalent	-	-	-
nitrous oxide (N2O)	t CO2 equivalent	-	-	-
hydrofluorocarbons (HFC)	t CO2 equivalent	-	-	-
perfluorocarbons (PFC)	t CO2 equivalent	-	-	-
sulfur hexafluoride (SF6)	t CO2 equivalent	4176.1	4308.1	4423.2*

* Data are based on standard SF6 leakage.

Total quantity of water taken in broken down by sources in 2017-2019

Indicators	UoM	2017	2018	2019
Take in and drawing of water, total	thous. m ³	209.7	201.5	187.2
including:				
from surface springs	thous. m ³	0.0	0.0	0.0
from underground spring	thous. m ³	7.1	10.08	6.7
from other sources	thous. m ³	202.6	191.4	180.5
Water used, total	thous. m ³	209.7	201.5	187.2
including for needs:				
drinking and household	thous. m ³	203.5	195.6	181.2
production	thous. m ³	6.1	5.9	6.0
Water removal into surface water bodies, total	thous. m ³	1.4	1.4	1.4
including:				
polluted (diluted)	thous. m ³	0.0	0.0	0.0
polluted (effluent)	thous. m ³	1.4	1.4	1.4

Total waste generated by class in broken down by classes in 2017-2019

Indicators	UoM	2017	2018	2019
Waste generated, total	t	18967.4	20468.1	7046.8*
including				
class of hazard I	t	26.6	42.5	73.6
class of hazard II	t	41.1	39.4	26.2

class of hazard III	t	121.9	106.2	126.4
class of hazard IV	t	3696.6	3825.4	4111.4
class of hazard V	t	15081.2	16454.6	2709.2
Recycled waste, total	t	3167.9	2202.9	2471.1
including				
in-house	t	0.0	0.0	0.0
outside organizations	t	3167.9	2202.9	2471.1

*The reduction in the amount of waste in 2019 is associated with a decrease in the generation of waste of hazard class 5, including waste from brushwood, branches, tops from logging, due to the use of mulching methods for waste wood when clearing routes, as well as the cancellation of limits on the formation and waste disposal and transition to actual waste generation rates.