Summary information on environment status in 2005 in the surroundings of U. S. Steel Košice, s.r.o.

(According to Law No. 17/1992 Coll. on the environment as amended)

WASTE WATER POLLUTION INDICATORS

RECIPIENT: Sokoľany river

INDICATOR	UNIT	AVERAGE		MAX.VALUE 1. – 12. /05	
		LIMIT	ACTUAL	MAX. LIMIT	ACTUAL
BOD5	$mg.l^{-1}$	7,00	4.9	9.0	8.6
Total iron	$mg.l^{-1}$	2,00	1.7	3.0	2.98
Phenols	$mg.l^{-1}$	0,05	0.000	0.1	0.000
Chlorides	$mg.l^{-1}$	250	185	300	273
COD_{Cr}	$mg.l^{-1}$	30	20	60	50
Insoluble substances (105^0C)	$mg.l^{-1}$	35	22	40	39.8
$N\text{-}NH_4^+$	$mg.l^{-1}$	2,00	0.7	3.5	2.0
pH	-	6,0 – 9,0	8.0	9.0	8.4
NEL	$mg.l^{-1}$	1,50	0.1	1.5	0.4
Soluble substances (105^0C)	$mg.l^{-1}$	900	747	1000	998
Soluble substances (550^0C)	$mg.l^{-1}$	640	575	800	796
Sulfates	$mg.l^{-1}$	200	133	250	202
Total cyanides	$mg.l^{-1}$	0,10	0.000	0.2	0.05

- Stated results are specified daily from mixed 24-hrs` samples that are taken and analyzed by Sokoľany WWTP laboratory.
- The pollution limit is set by the Resolution of the Regional Authority in Košice, No. 2003/02118 from April 25th, 2003.

	ACTUAL	LIMIT
Total quantity of treated waste water released into the Sokoľany river	33,924,004 m^3/year	35,000,000 m^3/year
Total quantity of treated waste water returned to U.S.Steel Košice, s.r.o.	4,859,291 m^3/year	-

- The quantity of treated waste water returned into U. S. Steel Košice, s.r.o. is 12 % of the total treated waste water from Sokoľany Waste Water Treatment Plant.

Summary information on environment status in 2005 in the surroundings of U. S. Steel Košice, s.r.o.

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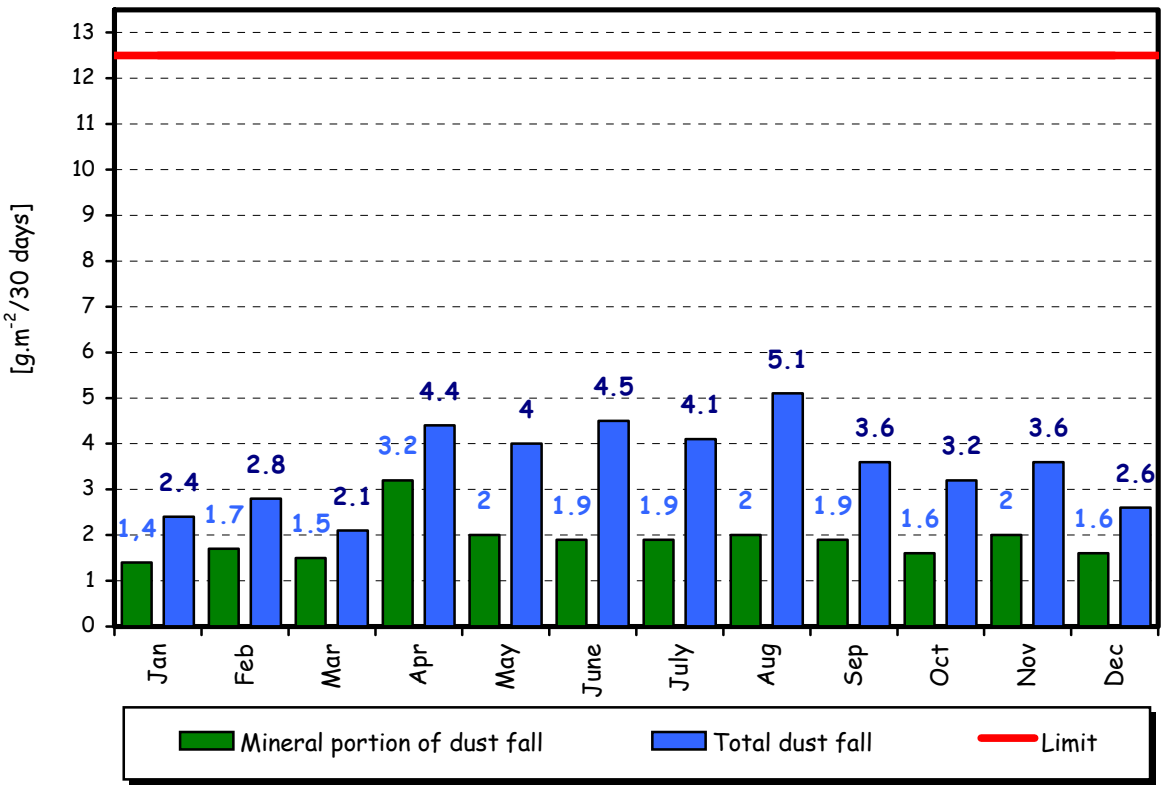
DUST FALL in SURROUNDINGS of U. S. Steel Košice, s.r.o.

Dust fall	LIMIT ($g.m^{-2}$/ 30 days	Average monthly concentration											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Total	**12.5**	2.4	2.8	2.1	4.4	4.0	4.5	4.1	5.1	3.6	3.2	3.6	2.6
Mineral	-	1.4	1.7	1.5	3.2	2.0	1.9	1.9	2.0	1.9	1.6	2.0	1.6

❖ The limit of the pollution is set according to the "Mandatory Provisions of the Ministry of Healthcare of SSR", Art. 5 - 8 from 1981.

DUST FALL GRAPH

LIMIT 12,5 $g.m^{-2}$/30 days



Summary information on environment status in 2005 in the surroundings of U. S. Steel Košice, s.r.o.

(According to Law No. 17/1992 Coll. on the environment as amended)

MEASURED POLLUTION IN SURROUNDINGS OF U. S. STEEL KOŠICE, s.r.o.

	HARMFUL SUBSTANCES (average annual concentration)				
MEASUREMENT PLACE	CO ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_2 ($\mu g/m^3$)	Ozone ($\mu g/m^3$)	Dust ($\mu g/m^3$)
CESTICE	0.72	23	18	34	47
HANISKA	0.88	9	34	8	32
KOMÁROVCE	0.76	25	16	37	43
PERÍN-CHYM	0.73	22	27	38	86
SEŇA	0.66	22	22	35	28
SOKOĽANY-WWTP	0.69	18	16	36	26
SOKOĽANY-village	0.67	19	23	39	41
ŠACA	1.3	20	12	35	33
VEĽKÁ IDA	1.02	11	40	20	47

- Annual limit of pollution only for NO_2 (52 $\mu g/m^3$) is set in the SR Environment Ministry Notice No. 705/2002 Coll. from Nov 29th, 2002.

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The results of authorized measurements of pollution agents (PA) performed by authorized measuring teams for the purpose of establishing the observance of emission limits (EL) and finding out the quantity of released pollution agents at:

DP Power Plant

Measurement place	PA	EL	Measured quantity
Boiler K1, right branch of flue way	PM	Satisfies	0.0016 kg.t^{-1} steam
Boiler K1, left branch of flue way	PM	Satisfies	
Exhaust-heat Boiler #1 behind Push Furnace #1	PM	Satisfies	0.117 kg.h^{-1}
	CO	N/A	26.849 kg.h^{-1}
	NO_x	Satisfies	5.777 kg.h^{-1}
	SO_2	Satisfies	13.736 kg.h^{-1}
	TOC	Satisfies	0.09 kg.h^{-1}
Exhaust-heat Boiler #2 behind Push Furnace #2	PM	Satisfies	0.698 kg.h^{-1}
	CO	N/A	0.925 kg.h^{-1}
	NO_x	Satisfies	1.192 kg.h^{-1}
	SO_2	Satisfies	1.675 kg.h^{-1}
	TOC	Satisfies	0.007 kg.h^{-1}

Measurement place	PA	EL	Measured quantity
Exhaust-heat Boiler #3 behind Push Furnace #3	PM	Satisfies	1.317 kg.h^{-1}
	CO	N/A	3.602 kg.h^{-1}
	NO_x	Satisfies	1.9 kg.h^{-1}
	SO_2	Satisfies	2.077 kg.h^{-1}
	TOC	Satisfies	0.021 kg.h^{-1}
Exhaust-heat Boiler #4 behind Push Furnace #4	CO	N/A	8.776 kg.h^{-1}
	NO_x	Satisfies	8.045 kg.h^{-1}
	SO_2	Satisfies	15.695 kg.h^{-1}
	TOC	Satisfies	0.042 kg.h^{-1}
Boiler K1, right branch of flue way	PM	Satisfies	0.0033 kg.t^{-1} steam
Boiler K1, left branch of flue way	PM	Satisfies	

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The results of authorized measurements of pollution agents (PA) performed by authorized measuring teams for the purpose of establishing the observance of emission limits (EL) and finding out the quantity of released pollution agents at:

DP Steelworks

Measurement place	PA	EL	Measured quantity
Secondary Dedusting of Steel Shop #2	CO	N/A	52.907 $kg.h^{-1}$
	SO_2	N/A	0.000 $kg.h^{-1}$
	NO_x	Satisfies	7.180 $kg.h^{-1}$
Primary Dedusting of KK1	PM	Satisfies	0.904 $kg.h^{-1}$
	1st Group, 1st Subgroup of PA	Satisfies	0.779 $g.h^{-1}$
	1st Group, 2nd Subgroup of PA	Satisfies	2.502 $g.h^{-1}$
	2nd Group, 1st Subgroup of PA	Satisfies	5.741 $g.h^{-1}$
	2nd Group, 2nd Subgroup of PA	Satisfies	2.509 $g.h^{-1}$
	2nd Group, 3rd Subgroup of PA	Satisfies	43.858 $g.h^{-1}$
Secondary Dedusting of Steel Shop #1	PM	Satisfies	0.259 $kg.h^{-1}$
	SO_2	Satisfies	0.288 $kg.h^{-1}$
	NO_x	Satisfies	3.060 $kg.h^{-1}$
	CO	N/A	9.599 $kg.h^{-1}$
	1st Group, 1st Subgroup of PA	Satisfies	1.733 $g.h^{-1}$
	1st Group, 2nd Subgroup of PA	Satisfies	9.778 $g.h^{-1}$
	2nd Group, 1st Subgroup of PA	Satisfies	16.679 $g.h^{-1}$
	2nd Group, 2nd Subgroup of PA	Satisfies	5.805 $g.h^{-1}$
	2nd Group, 3rd Subgroup of PA	Satisfies	24.524 $g.h^{-1}$

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The results of authorized measurements of pollution agents (PA) performed by authorized measuring teams for the purpose of establishing the observance of emission limits (EL) and finding out the quantity of released pollution agents at:

DP Cold Rolling Mill

Measured place	PA	EL	Measured quantity
Batch Annealing Shop #3 - Extension	PM	Satisfies	0.001 $kg.h^{-1}$
	CO	Satisfies	0.000 $kg.h^{-1}$
	SO_2	Satisfies	0.000 $kg.h^{-1}$
	NO_x	Satisfies	0.660 $kg.h^{-1}$
Pickling Line #1, Separator #2	3^{rd} Group, 3^{rd} Subgroup (HCl)	N/A	0.201 $kg.h^{-1}$
Batch Annealing Shop #3 – Wind Heater JINOVA	CO	Satisfies	0.007 $kg.h^{-1}$
	NO_x	Satisfies	0.010 $kg.h^{-1}$
Batch Annealing Shop #1 - Block #3	PM	Satisfies	0.370 $kg.h^{-1}$
	CO	N/A	1.555 $kg.h^{-1}$
	SO_2	Satisfies	3.954 $kg.h^{-1}$
	NO_x	Satisfies	1.849 $kg.h^{-1}$
HCl Regeneration Station, Furnace #3	PM	Satisfies	0.147 $kg.h^{-1}$
	CO	N/A	0.236 $kg.h^{-1}$
	SO_2	Satisfies	0.000 $kg.h^{-1}$
	NO_x	Satisfies	3.210 $kg.h^{-1}$

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The results of authorized measurements of pollution agents (PA) performed by authorized measuring teams for the purpose of establishing the observance of emission limits (EL) and finding out the quantity of released pollution agents at:

DP Coated Products

Measured place	PA	EL	Measured quantity
Dynamoline #3 Oxidation furnace	NO_x	Satisfies	0.502 $kg.h^{-1}$
Dynamoline #3 Deoiling section	PM	Satisfies	0.003 $kg.h^{-1}$
Dynamoline #3 Incinerator	PM	Satisfies	0.003 $kg.h^{-1}$
	TOC	Satisfies	0.006 $kg.h^{-1}$
	CO	Satisfies	0.875 $kg.h^{-1}$
	NO_x	Satisfies	0.793 $kg.h^{-1}$
Dynamoline #3 Coating cab	TOC	Satisfies	0.649 $kg.h^{-1}$
Prepainting line IR dryer	CO	Satisfies	0.685 $kg.h^{-1}$
	NO_x	Satisfies	0.004 $kg.h^{-1}$
	SO_2	Satisfies	0.000 $kg.h^{-1}$
	1^{st} Group, 2^{nd} Subgroup (Cr^{+6})	Satisfies	0.000 $g.h^{-1}$
	PM	Satisfies	0.001 $kg.h^{-1}$

Measured place	PA	EL	Measured quantity
Prepainting line Deoiling section	PM	Satisfies	0.012 $kg.h^{-1}$
Prepainting line Drying furnace – bottom coating	PM	Satisfies	0.004 $kg.h^{-1}$
	TOC	Satisfies	0.051 $kg.h^{-1}$
	CO	Satisfies	0.260 $kg.h^{-1}$
	NO_x	Satisfies	1.987 $kg.h^{-1}$
	SO_2	Satisfies	0.000 $kg.h^{-1}$
Prepainting line Drying furnace – top coating	PM	Satisfies	0.002 $kg.h^{-1}$
	TOC	Satisfies	0.085 $kg.h^{-1}$
	CO	Satisfies	0.437 $kg.h^{-1}$
	NO_x	Satisfies	1.793 $kg.h^{-1}$
	SO_2	Satisfies	0.000 $kg.h^{-1}$
Dynamoline #3 Oxidation furnace	CO	Satisfies	0.246 $kg.h^{-1}$
	NO_x	Satisfies	0.717 $kg.h^{-1}$

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DP Blast Furnaces

Measured place	PA	EL	Measured quantity
Ore bridges - EO 11	PM	Satisfies	4.533 $kg.h^{-1}$
	1st Group, 1st Subgroup of PM	Satisfies	0.061 $g.h^{-1}$
	1st Group, 2nd Subgroup of PM	Satisfies	0.37 $g.h^{-1}$
	2nd Group, 1st Subgroup of PM	Satisfies	0.017 $g.h^{-1}$
	2nd Group, 2nd Subgroup of PM	Satisfies	0.14 $g.h^{-1}$
	2nd Group, 3rd Subgroup of PM	Satisfies	9.4 $g.h^{-1}$
Ore bridges - EO 12	PM	Satisfies	0.804 $kg.h^{-1}$
	1st Group, 1st Subgroup of PM	Satisfies	0.104 $g.h^{-1}$
	1st Group, 2nd Subgroup of PM	Satisfies	0.65 $g.h^{-1}$
	2nd Group, 1st Subgroup of PM	Satisfies	0.0042 $g.h^{-1}$
	2nd Group, 2nd Subgroup of PM	Satisfies	0.23 $g.h^{-1}$
	2nd Group, 3rd Subgroup of PM	Satisfies	18.9 $g.h^{-1}$
Ore bridges - EO 13	PM	Satisfies	2.635 $kg.h^{-1}$
	1st Group, 1st Subgroup of PM	Satisfies	0.104 $g.h^{-1}$
	1st Group, 2nd Subgroup of PM	Satisfies	0.64 $g.h^{-1}$
	2nd Group, 1st Subgroup of PM	Satisfies	0.056 $g.h^{-1}$
	2nd Group, 2nd Subgroup of PM	Satisfies	0.23 $g.h^{-1}$
	2nd Group, 3rd Subgroup of PM	Satisfies	4.6 $g.h^{-1}$
Ore bridges - EO 21	PM	Satisfies	0.071 $kg.h^{-1}$
	1st Group, 1st Subgroup of PM	Satisfies	0.056 $g.h^{-1}$
	1st Group, 2nd Subgroup of PM	Satisfies	0.52 $g.h^{-1}$
	2nd Group, 1st Subgroup of PM	Satisfies	0.026 $g.h^{-1}$
	2nd Group, 2nd Subgroup of PM	Satisfies	0.13 $g.h^{-1}$
	2nd Group, 3rd Subgroup of PM	Satisfies	0.9 $g.h^{-1}$

Measured place	PA	EL	Measured quantity
Ore bridges - EO 22	PM	Satisfies	0.733 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.057 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	0.73 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.026 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.13 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	6.4 $g.h^{-1}$
Ore bridges - EO 23	PM	Satisfies	1.619 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.112 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	0.63 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.032 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.25 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	11.4 $g.h^{-1}$
Ore bridges - EO 24	PM	Satisfies	0.065 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.089 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	1.81 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.002 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.03 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	1.7 $g.h^{-1}$
Ore bridges - EO 31	PM	Satisfies	0.882 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.165 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	2.29 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.005 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.05 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	10.9 $g.h^{-1}$
Ore bridges - EO 32	PM	Satisfies	0.273 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.195 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	3.04 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.045 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.05 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	4.3 $g.h^{-1}$
Ore bridges - EO 33	PM	Satisfies	1.887 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.081 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	1.67 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.002 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.03 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	10.9 $g.h^{-1}$

Measured place	PA	EL	Measured quantity
Ore bridges - EO 84	PM	Satisfies	0.830 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.104 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	0.64 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.046 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.23 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	1.5 $g.h^{-1}$
Ore bridges - EO 85	PM	Satisfies	1.118 $kg.h^{-1}$
	1st Group, 1stSubgroup of PM	Satisfies	0.057 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	0.35 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.011 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.13 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	1.6 $g.h^{-1}$
Wind heater VP1	CO	Satisfies	550.39 $kg.h^{-1}$
	NO_x	Satisfies	1.868 $kg.h^{-1}$
	SO_2	Satisfies	10.36 $kg.h^{-1}$
Wind heater VP2	CO	Satisfies	19.31 $kg.h^{-1}$
	NO_x	Satisfies	8.67 $kg.h^{-1}$
	SO_2	Satisfies	39.71 $kg.h^{-1}$
Wind heater VP3	CO	Satisfies	1 158.0 $kg.h^{-1}$
	NO_x	Satisfies	3.31 $kg.h^{-1}$
	SO_2	Satisfies	16.03 $kg.h^{-1}$
	Σ C	N/A	6.765 $kg.h^{-1}$
Cooling belt #4	PM	Satisfies	7.736 $kg.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	0.7 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	28.1 $g.h^{-1}$
Sintering belt #1	1st Group, 1stSubgroup of PM	Satisfies	1.94 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	2.86 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.882 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.97 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	559.6 $g.h^{-1}$
	Hg^r	Satisfies	12.966 $g.h^{-1}$
	TOC	N/A	8.258 $kg.h^{-1}$
Sintering belt #3	1st Group, 1stSubgroup of PM	Satisfies	0.43 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	4.76 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	0.129 $g.h^{-1}$

Measured place	PA	EL	Measured quantity
	2nd Group, 2ndSubgroup of PM	Satisfies	0.94 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	158.9 $g.h^{-1}$
	Hg^r	Satisfies	0.658 $g.h^{-1}$
	TOC	N/A	7.104 $kg.h^{-1}$
Sintering belt #4	1st Group, 1stSubgroup of PM	Satisfies	2.83 $g.h^{-1}$
	1st Group, 2ndSubgroup of PM	Satisfies	2.36 $g.h^{-1}$
	2nd Group, 1stSubgroup of PM	Satisfies	3.621 $g.h^{-1}$
	2nd Group, 2ndSubgroup of PM	Satisfies	0.99 $g.h^{-1}$
	2nd Group, 3rdSubgroup of PM	Satisfies	781.8 $g.h^{-1}$
	Hg^r	Satisfies	0.849 $g.h^{-1}$
	TOC	N/A	13.016 $kg.h^{-1}$

- **Emission limit of pollution is specified in SR Environment Ministry Regulation No.706/2002 Coll. From Dec 29th, 2002 as amended.**

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Annual Emission Protocols

DP Power Engineering, Boiler K1

Period	PA	EL (mg/m^3)	Number of EL exceedings	Measured amount of PA when	
				≤ EL	> EL
from 01.01.2005 to 31.12.2005	CO	100	0	13 109 kg	0 kg
	NO_x	200	0	169 369 kg	0 kg
	SO_2	800	0	322 091 kg	0 kg

DP Power Engineering, Boiler K2

Period	PA	EL (mg/m^3)	Number of EL exceedings	Measured amount of PA when	
				≤ EL	> EL
from 01.01.2005 to 02.10.2005	CO	250	0	46 502 kg	0 kg
	NO_x	650	60	530 667 kg	306 931 kg
	SO_2	1 700	0	728 798 kg	0 kg
	PM	100	0	11 491 kg	0 kg
from 03.10.2005 to 26.12.2005 *	CO	250	0	18 830 kg	0 kg
	NO_x	-	0	239 098 kg	0 kg
	SO_2	1 700	0	177 614 kg	0 kg
	PM	100	0	4 573 kg	0 kg
from 27.12.2005 to 31.12.2005	CO	250	0	1 232 kg	0 kg
	NO_x	1 300	0	14 589 kg	0 kg
	SO_2	1 700	0	10 878 kg	0 kg
	PM	100	0	339 kg	0 kg

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Annual Emission Protocols

DP Power Engineering, Boiler K3

Period	PA	EL (mg/m^3)	Number of EL exceedings	Measured amount of PA when	
				≤ EL	> EL
from 01.01.2005 to 02.10.2005	CO	250	0	51 530 kg	0 kg
	NO_x	650	43	508 980 kg	233 371 kg
	SO_2	1 700	0	574 936 kg	0 kg
	PM	100	0	11 492 kg	0 kg
from 03.10.2005 to 26.12.2005 *	CO	250	0	21 864 kg	0 kg
	NO_x	-	0	398 644 kg	0 kg
	SO_2	1 700	0	261 878 kg	0 kg
	PM	100	0	8 073 kg	0 kg
from 27.12.2005 to 31.12.2005	CO	250	0	1 680 kg	0 kg
	NO_x	1 300	0	25 045 kg	0 kg
	SO_2	1 700	0	16 076 kg	0 kg
	PM	100	0	761 kg	0 kg

DP Power Engineering, Boiler K4

Period	PA	EL (mg/m^3)	Number of EL exceedings	Measured amount of PA when	
				≤ EL	> EL
from 01.01.2005 to 02.10.2005	CO	250	0	53 717 kg	0 kg
	NO_x	650	111	118 802 kg	612 824 kg
	SO_2	1 700	0	536 659 kg	0 kg
	PM	100	0	63 743 kg	0 kg
from 03.10.2005 to 26.12.2005 *	CO	250	0	22 080 kg	0 kg
	NO_x	-	0	437 028 kg	0 kg
	SO_2	1 700	0	189 835 kg	0 kg
	PM	100	0	8 078 kg	0 kg
from 27.12.2005 to 31.12.2005	CO	250	0	1 235 kg	0 kg
	NO_x	1 300	0	26 589 kg	0 kg
	SO_2	1 700	0	7 403 kg	0 kg
	PM	100	0	880 kg	0 kg

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Annual Emission Protocols

DP Power Engineering, Boiler K5

Period	PA	EL (mg/m^3)	Number of EL exceedings	Measured amount of PA when	
				≤ EL	> EL
from 01.01.2005 to 02.10.2005	CO	250	0	45 977 kg	0 kg
	NO_x	650	145	194 701 kg	758 799 kg
	SO_2	1 700	0	728 138 kg	0 kg
	PM	100	0	32 515 kg	0 kg
from 03.10.2005 to 26.12.2005 *	CO	250	0	12 207 kg	0 kg
	NO_x	-	0	304 790 kg	0 kg
	SO_2	1 700	0	216 540 kg	0 kg
	PM	100	0	20 924 kg	0 kg
from 27.12.2005 to 31.12.2005	CO	250	0	1 974 kg	0 kg
	NO_x	1 300	0	16 287 kg	0 kg
	SO_2	1 700	0	15 426 kg	0 kg
	PM	100	0	1 134 kg	0 kg

** NO_X – pollution agent was classified into the "B" category temporarily (by the Law No.478/2002 Coll.)*

DP Power Engineering, Boiler K6

Period	PA	EL (mg/m^3)	Number of EL exceedings	Measured amount of PA when	
				≤ EL	> EL
from 01.01.2005 to 31.12.2005	CO	250	0	79 604 kg	0 kg
	NO_X	♣ 650/1300	0	772 079 kg	0 kg
	SO_2	1 700	0	1 003 476 kg	0 kg
	PM	100	0	110 625 kg	0 kg

♣ *NO_x emission limit* - *650 mg/m^3 was valid from 01.01.2005 to 26.12.2005*
- *1300 mg/m^3 was valid from 27.12.2005 to 31.12.2005*

❖ Emission limit of pollution is specified in SR Environment Ministry Regulation No.706/2002 Coll. From Dec 29th, 2002 as amended.

Abbreviations:

- ***PM*** - particulate matter
- ***PA*** - pollution agent
- ***EL*** - emission limit

Summary information on environment status in 2005 in the surroundings of U. S. Steel Košice, s.r.o.

(According to Law No. 17/1992 Coll. on the environment as amended)

Annual Emission Protocols

DP Blast Furnaces

Facility	PA	EL (mg/m^3)	Number of EL exceedings		Measured amount of PA when	
			SPH	PDH	≤ EL	> EL
Sintering belt SP1	CO	6 000	0	0	13 516 899.7 kg	0 kg
	NO_x	400	0	0	391 432.1 kg	0 kg
	SO_2	400	0	1	1 070 360.4 kg	4 763,9 kg
	PM	100	0	7	294 824.4 kg	9 760.0 kg
Sintering belt SP2	CO	6 000	0	0	12 604 151.6 kg	0 kg
	NO_x	400	0	0	364 609.5 kg	0 kg
	SO_2	400	0	0	925 672.9 kg	0 kg
	PM	100	0	0	197 143.6 kg	0 kg
Sintering belt SP3	CO	6 000	0	0	15 400 587.7 kg	0 kg
	NO_x	400	0	0	425 189.8 kg	0 kg
	SO_2	400	1	0	1 099 765.1 kg	98.4 kg
	PM	100	0	14	273 249.8 kg	22 120.0 kg
Sintering belt SP4	CO	6 000	0	0	13 785 471.2 kg	0 kg
	NO_x	400	0	0	368 805.8 kg	0 kg
	SO_2	400	0	0	1 006 680.9 kg	0 kg
	PM	100	0	1	162 847.2 kg	265.5 kg

DP Steelworks

Facility	PA	EL (mg/m^3)	Number of EL exceedings		Measured amount of PA when	
			SPH	PDH	≤ EL	> EL
Sec. dedusting of SS2.	TZL	50	0	0	14 266.5 kg	0 kg

❖ Emission limit of pollution is specified in SR Environment Ministry Regulation No.706/2002 Coll. From Dec 29th, 2002 as amended.

Abbreviations:

- **PA** - pollution agent
- **PM** - particulate matter
- **EL** - emission limit
- **SPH** - a half hour medium value
- **PDH** - 24-hrs. average value