Table sent in addition to the filled out 2010 Questionnaire on-line (for Poland) for better clarification as the on-line version would not accept longer records.

Question 68: Please provide details of your country's ambient air quality and deposition standards, programmes and policies by completing the table below.

Table 1: Question 68

	Standard (unit) /conditions[1]	**Status[2]/objectives[3]**	**Policy and programme/legislation (ref)**
1. Ambient air quality standards			
Sulphur dioxide (7446-09-5) [a)]	20 µg/m^3 /annual average for calendar year and in winter (1 Oct.-31 March)	Limit value/plant protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	125 µg/m^3 / 24-hour mean	Limit value (not to be exceeded more than 3 times a calendar year) /human health protection	
	350 µg/m^3 /1-hour mean	Limit value (not to be exceeded more than 24 times a calendar year)/human health protection	
	125 µg/m^3 /24-hour mean	Limit value in health resorts and within health resort protection areas	Regulation of the Minister of the Environment (Dz.U of 2008, No 47, item 281)[1/]
	350 µg/m^3 /1-hour mean		
	500 µg/m^3 [h)] /1-hour mean	Alarm value	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Nitrogen dioxide (10102-44-0) [a)]	40 µg/m^3 /annual average for calendar year	Limit value (not to be exceeded more than 18 times a calendar year)/human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	200 µg/m^3 /1-hour mean	Limit value/human health protection	
	35 µg/m^3 /annual average for calendar year	Limit value in health resorts and within health resort protection areas	Regulation of the Minister of the Environment (Dz.U of 2008, No 47, item 281)[1/]
	200 µg/m^3 /1-hour mean		
	400 µg/m^3 [h)] /1-hour mean	Alarm value	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Nitrogen oxides [b)] (10102-44-0, 10102-43-9) [a)]	30 µg/m^3 /annual average for calendar year	Limit value/plant protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]

Ozone (10028-15-6) [a)]	6000 μg/m^3*h [g)] /average for vegetation period (1 May-31 July) 120 μg/m^3 /8-hour mean [e)]	Long-term target value (to be achieved in 2010)/plant protection Long-term target value (to be achieved in 2010)/human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	240 μg/m^3 [i)] /1-hour mean	Alarm value	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	18000 μg/m^3*h [g) l)] /average for vegetation period (1 May-31 July) 120 μg/m^3 /8-hour mean [e)]	Target value (2010) /plant protection Target value (2010) (not to be exceeded more than 25 days in a calendar year) [m)] /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Particulate matter (PM_{10})	40 μg/m^3 /annual average for calendar year 50 μg/m^3 /24-hour mean	Limit value /human health protection Limit value (not to be exceeded more than 35 times a calendar year) /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	40 μg/m^3 /annual average for calendar year 50 μg/m^3 /24-hour mean	Limit value in health resorts and within health resort protection areas Limit value in health resorts and within health resort protection areas (not to be exceeded more than 35 times a calendar year) /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	200 μg/m^3 [j)] /24-hour mean	Alarm value	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Particulate matter ($PM_{2.5}$)	-	-	-
Total suspended particulates	-	-	-
Carbon monoxide (630-08-0) [a)]	10000 μg/m^3 /8-hour mean [e)]	Limit value /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	5000 μg/m^3 /8-hour mean	Limit value in health resorts and within health resort protection areas	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Lead [f)] (7439-92-1) [a)]	0.5 μg/m^3 /annual average for calendar year	Limit value /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]

	0.5 µg/m^3 /annual average for calendar year	Limit value in health resorts and within health resort protection areas	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1]
Cadmium (7440-43-9) [a)]	5 ng/m^3 [k)] /annual average for calendar year	Target value (year 2013) /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Mercury	-	-	-
Arsenic (7440-38-2) [a)]	6 ng/m^3 [k)] /annual average for calendar year	Target value (year 2013) /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Nickel (2440-02-0) [a)]	20 ng/m^3 [k)] /annual average for calendar year	Target value (year 2013) /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Benzene (71-43-2) [a)]	5 µg/m^3 /annual average for calendar year	Limit value /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
	4 µg/m^3 /annual average for calendar year	Limit value in health resorts and within health resort protection areas	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Benzo(a)pyrene (50-32-8) [a)]	1 ng/m^3 [k)] /annual average for calendar year	Target value (year 2013) /human health protection	Regulation of the Minister of the Environment (Dz.U. of 2008, No 47, item 281)[1/]
Dioxins/furans	-	-	-
Other	-	-	-
2. Deposition standards			
Acidification	-	-	-
Eutrophication	-	-	-
Heavy metals	-	-	-
Persistent organic pollutants (POPs)	-	-	-
Other	-	-	-

[1]What are the conditions for these standards (e.g. yearly values, 8-hour averages, etc.)?
[2] What is the status of the quality standards: limit values, target values, etc.?
[3]What is their aim (e.g. health, vegetation, etc.)?

[1/] Regulation of the Minister of the Environment of 3 March 2008 on concentrations of certain substances in ambient air (Dz.U. of 2008, No 47, item 281)
[a)] Chemical Abstracts Service (CAS) number
[b)] sum of nitrogen dioxide and nitrogen oxide expressed as nitrogen dioxide
[c)] concentrations of substances in the air for gaseous pollutants are set for the following conditions: 293 K (temperature) and 101.3 kPa (pressure), and for particulate matter and substances determined in particulate matter they are set under natural (real) conditions.
[d)] concentration of dust with up to 10 µm in diameter (PM10) measured using the gravimetric method with fraction separation or any other methods regarded to be equivalent
[e)] highest 8-hour average among consecutive mean values, calculated every hour from eight 1-hour mean values in 24 hours; each of those calculated 8-hour average values is assigned to the 24-hour day, in which it ends; the first calculation period for each 24-hour day starts from 5 pm. of the day before and ends at 1 am. of the day concerned; the last calculation period for every 24-hour day starts at 4 pm and ends at 12 pm of the very day (CET)

[f] sum of metal and its compounds in particulate matter (PM10)
[g] expressed as AOT 40
[h] value observed over 3 consecutive hours at measurement sites representing the quality of air over an area of at least 100 km^2 or over the zone, depending on which of those areas is smaller.
[i] threshold value for informing the public about the risk of alarm levels is 180 $\mu g/m^3$.
[j] threshold value for informing the public about the risk of a 3-day period with likely adverse health effects
[k] total content of the chemical element in particulate matter (PM10), and for benzo(a)pyrene – the total content of the compound in particulate matter (PM10).
[l] average value for 5 consecutive years, and in the case of lack of sufficient measurement data – for 3 consecutive years.
[m] number of days with exceeded target value in a calendar year (average value for 3 consecutive years or 1-year value in case of lack of data).