Air Pollution Report

1st January to 31st December 2015

Spalding Monkhouse School (Site ID: MONK)

These data have been fully ratified

Only relevant statistics for LAQM are presented in the table. Cells with - indicate no data available or calculated.

Pollutant	NO µg/m³	NO_2 µg/m³	NO_x as NO_2 µg/m³	PM_{10} µg/m³
Number Days Low	-	352	-	362
Number Days Moderate	-	0	-	2
Number Days High	-	0	-	0
Number Days Very High	-	0	-	0
Max Daily Mean	56	37	110	58
Annual Max	145	69	291	125
Annual Mean	5	11	17	16
98th Percentile of daily mean	-	-	-	40
90th Percentile of daily mean	-	-	-	22
99.8th Percentile of hourly mean	-	48	-	-
98th Percentile of hourly mean	27	34	67	44
95th Percentile of hourly mean	17	27	48	34
50th Percentile of hourly mean	1	8	13	14
% Annual data capture	**95.86%**	**95.86%**	**95.86%**	**97.43%**

Instruments:

PM_{10}: Conventional TEOM Gravimetric Equivalent (VCM correction applied) (01/01/2015 to 31/12/2015)

All gaseous pollutant mass units are at 20°C and 1013mb. Particulate matter concentrations are reported at ambient temperature and pressure. NO_X mass units are NO_X as NO_2 µg m-3

Pollutant	Air Quality Standards regulations 2010	Exceedances	Days
PM_{10} particulate matter (Hourly measured)	daily mean > 50 microgrammes per metre cubed	2	2
PM_{10} particulate matter (Hourly measured)	Annual mean > 40 microgrammes per metre cubed	0	-
Nitrogen dioxide	Hourly Mean > 200 microgrammes per metre cubed	0	0
Nitrogen dioxide	Annual Mean > 40 microgrammes per metre cubed	0	-

Annual Graph