监 测 报 告

金盾检测（现）第2018005号

项目名称：陕西金程塑料制品生产及销售项目

环境质量现状监测

委托单位： 陕西金程砂轮制造有限公司

陕西金盾工程检测有限公司

2018年9月3日

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **监测信息** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 项目名称 | | | | 陕西金程塑料制品生产及销售项目环境质量现状监测 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 委托单位 | | | | 陕西金程砂轮制造有限公司 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 单位地址 | | | | 泾河新城永乐工业密集区金程砂轮有限公司内 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测目的 | | | | 了解环境质量现状 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 采样时间 | | | | 2018年8月25日至2018年8月31日 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 分析日期 | | | | 2018年8月26日至2018年9月1日 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测项目 | | | | 环境空气 | | | | | | | SO2、NO2、PM10、TSP、非甲烷总烃 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 噪声 | | | | | | | 等效连续A声级 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测点位  及频次 | | | | 环境空气 | | | | | | | 在1#上风向（新村）、2#下风向各设1个监测点位；监测SO2、NO2每天02:00、08:00、14:00、20:00各采集1小时平均浓度；24h平均浓度PM10每天至少采样20小时；TSP每天采样24小时，连续监测七天；监测非甲烷总烃每天4次，连续采样三天。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 噪声 | | | | | | | 在项目厂界四周各设4个监测点，连续监测2天，每天昼间、夜间各1次。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 气象条件 | | | | 2018年8月25日 多云、东北风、1.0-2.5m/s、温度24.6℃-33.7℃  2018年8月26日 晴、东北风、1.2-2.6m/s、温度25.6℃-32.8℃  2018年8月27日 多云、东北风、1.5-3.5m/s、温度20.9℃-32.9℃  2018年8月28日 多云、东北风、1.2-2.6m/s、温度21.3℃-33.6℃  2018年8月29日 晴、东风、1.5-2.6m/s、温度27.5℃-33.8℃  2018年8月30日 多云、东风、1.4-2.0m/s、温度24.0℃-33.6℃  2018年8月31日 多云、东风、1.6-3.0m/s、温度21.5℃-33.5℃ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测仪器  及编号 | | | | 崂应2021-S型24小时恒温自动连续采样器（JDJC-YQ-005）、崂应3072双路烟气采样器（JDJC-YQ-003）、崂应2030型智能TSP采样器（JDJC-YQ-004、JDJC-YQ-055）、DYM3气温气压表（JDJC-YQ-026）、DEM-6风速风向仪（JDJC-YQ-038）、AWA6228+型多功能声级计（JDJC-YQ-034） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **分析依据** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 类型 | | 监测项目 | | | | | | | | 方法来源 | | | | | | | | | | 检出限 | | | | | | | | | | | | | | | | 仪器名称型号(编号) | | | | | | | | |
| 环境空气 | | SO2 | | | | | | | | HJ 482-2009 | | | | | | | | | | 1小时平均值 | | | | | | | | | 0.007mg/m3 | | | | | | | SP-756P型  紫外分光光度计（JDJC-YQ-008） | | | | | | | | |
| 24小时平均值 | | | | | | | | | 0.004mg/m3 | | | | | | |
| NO2 | | | | | | | | HJ 479-2009 | | | | | | | | | | 1小时平均值 | | | | | | | | | 0.005mg/m3 | | | | | | |
| 24小时平均值 | | | | | | | | | 0.003mg/m3 | | | | | | |
| **分析依据** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 类型 | | 监测项目 | | | | | | | | 方法来源 | | | | | | | | | | | | 检出限 | | | | | | | | | | | 仪器名称型号(编号) | | | | | | | | | | | |
| 环境空气 | | PM10 | | | | | | | | HJ 618-2011 | | | | | | | | | | | | 0.010mg/m3 | | | | | | | | | | | ESJ182-4  电子分析天平  （JDJC-YQ-014） | | | | | | | | | | | |
| TSP | | | | | | | | GB/T 15432-1995 | | | | | | | | | | | | 0.001mg/m3 | | | | | | | | | | |
| 非甲烷总烃 | | | | | | | | HJ 604-2017 | | | | | | | | | | | | 0.07mg/m3 | | | | | | | | | | | GC4000A型气相色谱仪  （JDJC-YQ-050） | | | | | | | | | | | |
| 噪声 | | | | | | | | | | GB 3096-2008 | | | | | | | | | | | | / | | | | | | | | | | | AWA6228+型  多功能声级计（JDJC-YQ-034） | | | | | | | | | | | |
| **环境空气监测结果** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1#上风向（新村）环境空气1小时平均值监测结果** 单位μg/m3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测时间 | | 2:00-2:45 | | | | | | | | | | | | | 8:00-8:45 | | | | | | | | | | | 14:00-14:45 | | | | | | | | | | | | | 20:00-20:45 | | | | | |
| SO2 | | | | | NO2 | | | | | | | | SO2 | | | | | NO2 | | | | | | SO2 | | | | | | NO2 | | | | | | | SO2 | | | | | NO2 |
| 2018.8.25 | | 8 | | | | | 40 | | | | | | | | 10 | | | | | 37 | | | | | | 9 | | | | | | 35 | | | | | | | 7 | | | | | 46 |
| 2018.8.26 | | 8 | | | | | 37 | | | | | | | | 10 | | | | | 34 | | | | | | 9 | | | | | | 36 | | | | | | | 7 | | | | | 37 |
| 2018.8.27 | | 8 | | | | | 33 | | | | | | | | 7ND | | | | | 36 | | | | | | 7 | | | | | | 39 | | | | | | | 7ND | | | | | 38 |
| 2018.8.28 | | 8 | | | | | 35 | | | | | | | | 8 | | | | | 34 | | | | | | 7 | | | | | | 35 | | | | | | | 8 | | | | | 33 |
| 2018.8.29 | | 8 | | | | | 35 | | | | | | | | 7ND | | | | | 37 | | | | | | 7ND | | | | | | 36 | | | | | | | 7 | | | | | 38 |
| 2018.8.30 | | 8 | | | | | 36 | | | | | | | | 8 | | | | | 38 | | | | | | 7 | | | | | | 35 | | | | | | | 7ND | | | | | 36 |
| 2018.8.31 | | 7 | | | | | 40 | | | | | | | | 8 | | | | | 36 | | | | | | 8 | | | | | | 39 | | | | | | | 7 | | | | | 40 |
| **2#下风向环境空气1小时平均值监测结果** 单位μg/m3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测时间 | 2:00-2:45 | | | | | | | | | | | | | 8:00-8:45 | | | | | | | | | | | 14:00-14:45 | | | | | | | | | | | | | 20:00-20:45 | | | | | | |
| SO2 | | | | | NO2 | | | | | | | SO2 | | | | | | NO2 | | | | | SO2 | | | | | | | NO2 | | | | | | SO2 | | | | | | NO2 | |
| 2018.8.25 | 11 | | | | | 42 | | | | | | | 9 | | | | | | 42 | | | | | 11 | | | | | | | 41 | | | | | | 11 | | | | | | 42 | |
| 2018.8.26 | 11 | | | | | 39 | | | | | | | 8 | | | | | | 42 | | | | | 7 | | | | | | | 48 | | | | | | 8 | | | | | | 40 | |
| 2018.8.27 | 11 | | | | | 47 | | | | | | | 8 | | | | | | 43 | | | | | 12 | | | | | | | 50 | | | | | | 11 | | | | | | 44 | |
| 2018.8.28 | 8 | | | | | 47 | | | | | | | 8 | | | | | | 44 | | | | | 10 | | | | | | | 47 | | | | | | 9 | | | | | | 41 | |
| 2018.8.29 | 8 | | | | | 41 | | | | | | | 9 | | | | | | 48 | | | | | 10 | | | | | | | 46 | | | | | | 8 | | | | | | 49 | |
| 2018.8.30 | 8 | | | | | 46 | | | | | | | 9 | | | | | | 43 | | | | | 8 | | | | | | | 49 | | | | | | 7 | | | | | | 46 | |
| 2018.8.31 | 9 | | | | | 50 | | | | | | | 11 | | | | | | 40 | | | | | 10 | | | | | | | 45 | | | | | | 11 | | | | | | 51 | |
| **环境空气监测结果** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1#上风向（新村）环境空气24小时平均值监测结果**  单位μg/m3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测项目 | 2018.8.25 | | | | | | | | 2018.8.26 | | | | | | | 2018.8.27 | | | | | 2018.8.28 | | | | | | | 2018.8.29 | | | | | | | 2018.8.30 | | | | | | | 2018.8.31 | | |
| SO2 | 7 | | | | | | | | 7 | | | | | | | 7ND | | | | | 7 | | | | | | | 7ND | | | | | | | 7ND | | | | | | | 7 | | |
| NO2 | 37 | | | | | | | | 34 | | | | | | | 33 | | | | | 34 | | | | | | | 34 | | | | | | | 35 | | | | | | | 39 | | |
| PM10 | 57 | | | | | | | | 55 | | | | | | | 62 | | | | | 67 | | | | | | | 56 | | | | | | | 58 | | | | | | | 74 | | |
| TSP | 102 | | | | | | | | 105 | | | | | | | 113 | | | | | 110 | | | | | | | 106 | | | | | | | 109 | | | | | | | 121 | | |
| **2#下风向环境空气24小时平均值监测结果**  单位μg/m3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测项目 | 2018.8.25 | | | | | | | | 2018.8.26 | | | | | | | 2018.8.27 | | | | | 2018.8.28 | | | | | | | 2018.8.29 | | | | | | | 2018.8.30 | | | | | | | 2018.8.31 | | |
| SO2 | 9 | | | | | | | | 7 | | | | | | | 8 | | | | | 8 | | | | | | | 7 | | | | | | | 7 | | | | | | | 9 | | |
| NO2 | 41 | | | | | | | | 37 | | | | | | | 42 | | | | | 43 | | | | | | | 45 | | | | | | | 42 | | | | | | | 44 | | |
| PM10 | 72 | | | | | | | | 69 | | | | | | | 68 | | | | | 82 | | | | | | | 80 | | | | | | | 75 | | | | | | | 81 | | |
| TSP | 122 | | | | | | | | 114 | | | | | | | 116 | | | | | 135 | | | | | | | 125 | | | | | | | 121 | | | | | | | 123 | | |
| **非甲烷总烃监测结果** 单位mg/m3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测点位 | | | | | 监测日期 | | | | | | | 2:00 | | | | | | | | | | | 8:00 | | | | | | | 14:00 | | | | | | | | | | | 20:00 | | | |
| 1#上风向  （新村） | | | | | 2018.8.29 | | | | | | | 0.949 | | | | | | | | | | | 0.766 | | | | | | | 0.760 | | | | | | | | | | | 0.823 | | | |
| 2018.8.30 | | | | | | | 0.920 | | | | | | | | | | | 0.852 | | | | | | | 0.826 | | | | | | | | | | | 0.972 | | | |
| 2018.8.31 | | | | | | | 0.861 | | | | | | | | | | | 0.813 | | | | | | | 0.873 | | | | | | | | | | | 0.762 | | | |
| 2#下风向 | | | | | 2018.8.29 | | | | | | | 1.55 | | | | | | | | | | | 1.22 | | | | | | | 1.67 | | | | | | | | | | | 1.90 | | | |
| 2018.8.30 | | | | | | | 1.64 | | | | | | | | | | | 1.69 | | | | | | | 1.68 | | | | | | | | | | | 1.74 | | | |
| 2018.8.31 | | | | | | | 1.63 | | | | | | | | | | | 1.73 | | | | | | | 1.39 | | | | | | | | | | | 1.56 | | | |
| **噪声监测结果** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测依据 | | | 《声环境质量标准》（GB 3096-2008） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 气象条件 | | | 监测日期 | | | | | | | | | | | | | | | 昼间 | | | | | | | | | | | | | | | | 夜间 | | | | | | | | | | |
| 2018年8月30日 | | | | | | | | | | | | | | | 多云、东风、1.4m/s | | | | | | | | | | | | | | | | 阴、东北风、2.2m/s | | | | | | | | | | |
| 2018年8月31日 | | | | | | | | | | | | | | | 多云、东风、1.8m/s | | | | | | | | | | | | | | | | 阴、东风、2.0m/s | | | | | | | | | | |
| **噪声监测结果** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测仪器 | | | AWA6228+型多功能声级计（JDJC-YQ-034）  DEM-6风速风向仪（JDJC-YQ-026） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测时间及点位 | | | | | | | | 2018年8月30日 | | | | | | | | | | | | | | | | | | | 2018年8月31日 | | | | | | | | | | | | | | | | | |
| 昼间dB（A） | | | | | | | | | 夜间dB（A） | | | | | | | | | | 昼间dB（A） | | | | | | | | | | | | | 夜间dB（A） | | | | |
| 1#厂界北 | | | | | | | | 55.0 | | | | | | | | | 45.5 | | | | | | | | | | 54.9 | | | | | | | | | | | | | 45.2 | | | | |
| 2#厂界东 | | | | | | | | 53.6 | | | | | | | | | 44.8 | | | | | | | | | | 53.8 | | | | | | | | | | | | | 44.2 | | | | |
| 3#厂界南 | | | | | | | | 50.5 | | | | | | | | | 41.8 | | | | | | | | | | 50.0 | | | | | | | | | | | | | 41.2 | | | | |
| 4#厂界西 | | | | | | | | 50.7 | | | | | | | | | 41.4 | | | | | | | | | | 50.9 | | | | | | | | | | | | | 41.0 | | | | |
| 噪声监测点位示意图：    N  图注：▲--表示噪声监测点位    泾  永  路  项目地  4#▲  3#▲  ▲2#  ▲1# | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 备注 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.“检出限+ND”表示“未检出”；  2.本结果仅对本次监测负责。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

编制人： 室主任： 审核人： 签发人：

年 月 日 年 月 日 年 月 日 年 月 日