# 表一 基本信息

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| --- | --- | --- | --- | --- | --- |
| 建设项目名称 | 深圳市霍尼卡姆机电设备有限公司建设项目 | | | | |
| 项目地址 | 深圳市龙华区观澜街道富坑社区华朗嘉工业园3#厂房 | | | | |
| 建设单位名称 | 深圳市霍尼卡姆机电设备有限公司 | | | | |
| 建设项目性质 | 新建改扩建技改迁建√ | | | | |
| 主要产品名称  设计生产能力  实际生产能力 | 通信机柜、机箱、其他配件  3000套、10000套、20000件  3000套、85000套、83000件 | | | | |
| 环评时间 | 2010年6月 | 开工日期 | 2010年8月 | | |
| 试运行时间 | 2010年10月 | 现场监测时间 | 2017年9月15~16日 | | |
| 环评报告表  审批部门 | 深圳市人居环境委员会 | 环评报告表  编制单位 | 佛山市环境工程装备有限公司 | | |
| 投资总概算 | 500万元 | 环保投资总概算 | 120万元 | 比例 | 24% |
| 实际总投资 | 500万元 | 实际环保投资 | 120万元 | 比例 | 24% |
| 验收监测依据 | 1、国务院令253号（1988）《建设项目环境保护管理条例》；  2、国家环保总局令第13号《建设项目竣工环境保护验收管理办法》；  3、广东省八届人大常委会[1994]第57号公告《广东省建设项目环境保护管理条例》；  4、《深圳市霍尼卡姆机电设备有限公司建设项目环境影响报告表》，佛山市环境工程装备有限公司，2010年6月；  5、《关于深圳市霍尼卡姆机电设备有限公司建设项目环境影响报告表审批意见的函》（深圳市人居环境委员会，深环批[2010]901595号），2010年6月28日；  6、深圳市霍尼卡姆机电设备有限公司建设项目环境保护验收监测方案。 | | | | |
| 验收监测标准  标号、级别 | 1、废气评价标准  《印刷行业挥发性有机物排放标准》（DB44/815-2010）中表2第二时段标准；颗粒物、氯化氢、非甲烷总烃执行广东省《大气污染物排放限值》（DB 44/27-2001）中第二时段二级标准；  2、噪声评价标准  厂界噪声执行《工业企业厂界环境噪声排放标准》（GB 12348-2008）3类标准。 | | | | |

# 表二 基本情况

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| **项目基本情况：**  深圳市霍尼卡姆机电设备有限公司于2003年1月在深圳市龙华区观澜街道南大富社区大布头路16号l-2层开办,并于2006年3月经深圳市人居环境委员会审查批复同意其延期开办，生产通迅机箱、通迅机柜,主要污染工艺为打磨、酸洗、磷化、喷粉，废水排放量不超过25吨/天。因发展需要，现拟迁至深圳市龙华区观澜街道富坑社区华朗嘉工业园3#厂房，租赁深圳市华朗嘉实业有限公司的厂房25000m2(合同登记(备 案)号 :宝 IA034722(备 ))，从事机柜、机箱及其他配件的生产。本项目为迁建项目,原环保审查批复废水排放量为25吨/天,本次迁建后废水产生量为35吨/天,回用水量为10吨/天 ,废水排放量不超过25吨/天 ,不新增污染物排放量；生活污水统一由工业区建设废水处理设施处理。项目厂房共6层 ,现为空置，均归本项目所有，项目东面、南面为空地，其它二面均为工业厂房.  项目总投资500万元，其中环保投资120万元，环保投资约占主体工程投资额的24%。  本项目拟定员500人，员工年工作天数为300天，厂区提供食宿，每天工作时间为8小时，年工作时间约300天。  本项目采用电网供电，除喷涂工艺用燃气外，其生产设备均以电能为能源，项目不设燃煤、燃油的机器设备。  项目平面布置见下图。  N  E  S  W  备注：▲监测点位  霍尼卡姆  厂房  ▲4#  空地  厂房  ▲3#  ▲1#  ▲2#  **◎**  **项目平面布置图**  **（▲代表噪声监测点，◎代表有组织废气监测点）** |

# 表三 废气处理流程

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| **废气处理流程见下图：**  废气  自动喷淋循环装置  UV光解  自来水/中水  溶液洗涤循环装置 |

# 表四 主要污染物、污染物处理和排放流程

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| **主要污染物、污染物处理和排放流程：**  本次验收针对废气处理设施进行验收，包括废气、噪声。  **（1）废气：**项目产生的废气主要为喷涂车间废气、丝印车间的废气、焊机废气、打磨车间废气、磷化酸洗池酸雾，分别经管道收集引至15米高排放。  **（2）噪声：**本扩建项目噪声主要来空调机和排风机。采取的治理措施有：减振垫、吸声、隔音等。  **（3）固体废物：**本项目的主要固体废物主要是废酸洗液、废磷化液、废粉末涂料包装物、污泥、废机油及其擦拭物等，分类集中收集后交深圳市深投环保科技有限公司进行处置，生活垃圾交由当地环卫部门统一清运。 |

# 表五 监测结果

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| **监测结果：**  **1、监测工况**  2017年9月15日和2017年9月16日验收监测期间，建设项目各工序正常运行，生产负荷大于75%，废气和噪声的监测数据有效。  **2、废气监测结果**  A、废气监测结果  2017年9月15日和2017年9月16日，在废气处理前后各设1个监测点（见第2页项目平面示意图，**◎**代表监测点），监测内容为颗粒物、氯化氢、非甲烷总烃、苯、甲苯、二甲苯、总VOCs，监测频次为2天，每天采样监测3次。  监测结果详见表七。  **3、噪声监测结果**  2017年9月15日和2017年9月16日，该项目厂界东、南、西、北各布设1个噪声监测点位，监测等效连续A声级（见第2页项目平面示意图，▲代表监测点），监测频次为每天白天监测1次，连续监测2天。  监测结果详见表七 |

**表六 环保检查结果**

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| **环保检查结果**  **1、固体废物综合利用处理：**  所产生的有害危化品交给深圳市深投环保科技有限公司回收处理。  **2、绿化、生态恢复措施及恢复情况：**  铺设草坪，植树等恢复措施。   1. **环保管理制度及人员责任分工**   该项目设有1名环保管理专职，设备维护由经理不定期抽查，专人专岗负责生产设备和污染治理设施的运行、维护和保养，保证环保设施的正常运行。   1. **监测手段及人员配置：**   委托有资质的机构开展监测。  **5、应急计划**  遇到紧急情况按照紧急事故应急流程对应处理（详见附件5 环境污染事故应急预案）；  每月定期对员工进行培训，增强员工技能；  定时点检保养设施，每年举行一次紧急事故应急演习，增加员工对应急情况的应变能力；  所有设备配备备用设备，杜绝发生因设备故障导致无法处理的情况。  **6、存在问题：**  无 |

# 表七 验收监测结果

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **表1废气监测结果** 单位：风量：m3/h；浓度mg/m3；速率：kg/h   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 监测点位 | 监测项目 | | 监测结果 | | | | | | | | | 执行 | 达标 | | 2017年9月15日 | | | 2017年9月16日 | | | 均值 | 最小值 | 最大值 | 标准 | 情况 | | 10:00 | 14:00 | 16:00 | 10:00 | 14:00 | 16:00 |  |  | | 废气处理前 | 标干废气流量（m3/h） | | 16920 | 17483 | 16307 | 17148 | 17487 | 17092 | 17073 | 16307 | 17487 | — | — | | 颗粒物 | 排放浓度 | 68.3 | 63.2 | 65.7 | 60.3 | 64.2 | 61.8 | 63.9 | 60.3 | 68.3 | 120 | 达标 | |  | 排放速率 | 1.16 | 1.10 | 1.07 | 1.03 | 1.12 | 1.06 | 1.09 | 1.03 | 1.16 | 16.2 | 达标 | | 氯化氢 | 排放浓度 | 20.6 | 18.9 | 19.3 | 17.6 | 19.3 | 18.2 | 19.0 | 17.6 | 20.6 | 100 | 达标 | |  | 排放速率 | 0.349 | 0.330 | 0.315 | 0.302 | 0.337 | 0.311 | 0.324 | 0.302 | 0.349 | 1.0 | 达标 | | 非甲烷总烃 | 排放浓度 | 68.6 | 62.6 | 66.9 | 60.6 | 63.8 | 65.2 | 64.6 | 60.6 | 68.6 | 120 | 达标 | |  | 排放速率 | 1.16 | 1.09 | 1.09 | 1.04 | 1.12 | 1.11 | 1.10 | 1.04 | 1.16 | 38 | 达标 | | 苯 | 排放浓度 | 1.03 | 1.26 | 1.16 | 1.35 | 1.21 | 1.12 | 1.12 | 1.03 | 1.35 | 1 | 达标 | |  | 排放速率 | 1.74×10-2 | 2.19×10-2 | 1.89×10-2 | 2.31×10-2 | 2.12×10-2 | 1.91×10-2 | 2.03×10-2 | 1.74×10-2 | 2.31×10-2 | 0.4 | 达标 | | 甲苯 | 排放浓度 | 18.6 | 16.7 | 17.2 | 15.9 | 17.3 | 18.0 | 17.3 | 15.9 | 18.6 | — | — | |  | 排放速率 | 0.315 | 0.292 | 0.280 | 0.273 | 0.303 | 0.308 | 0.295 | 0.273 | 0.315 | 1.0 | 达标 | | 二甲苯 | 排放浓度 | 10.6 | 10.00 | 11.3 | 9.90 | 11.3 | 13.50 | 11.1 | 9.90 | 13.5 | — | — | |  | 排放速率 | 0.179 | 0.175 | 0.184 | 0.170 | 0.198 | 0.231 | 0.190 | 0.170 | 0.231 | — | — | | 甲苯与二甲苯合计 | 排放浓度 | 29.2 | 26.7 | 28.5 | 25.8 | 28.6 | 31.5 | 28 | 26 | 32 | 15 | 达标 | | 排放速率 | 0.494 | 0.467 | 0.465 | 0.442 | 0.500 | 0.538 | 0.484 | 0.442 | 0.538 | 1.6 | 达标 | | 总VOCs | 排放浓度 | 93.6 | 96.5 | 90.3 | 85.6 | 90.2 | 87.9 | 91 | 86 | 97 | 80 | 达标 | | 排放速率 | 1.58 | 1.69 | 1.47 | 1.47 | 1.58 | 1.50 | 1.548 | 1.470 | 1.690 | 5.1 | 达标 | | 废气处理后 | 标干废气流量（m3/h） | | 20218 | 20665 | 19422 | 19881 | 19140 | 20827 | 20026 | 19140 | 20827 | — | — | | 颗粒物 | 排放浓度 | 12.3 | 15.8 | 14.2 | 13.5 | 11.8 | 12.9 | 13.4 | 11.8 | 15.8 | 120 | 达标 | |  | 排放速率 | 0.249 | 0.327 | 0.276 | 0.268 | 0.226 | 0.269 | 0.269 | 0.226 | 0.327 | 16.2 | 达标 | | 氯化氢 | 排放浓度 | 8.5 | 7.2 | 8.0 | 6.9 | 7.7 | 8.1 | 7.7 | 6.9 | 8.5 | 100 | 达标 | |  | 排放速率 | 0.17 | 0.15 | 0.16 | 0.14 | 0.15 | 0.17 | 0.16 | 0.14 | 0.17 | 1.0 | 达标 | | 非甲烷总烃 | 排放浓度 | 21.6 | 20.5 | 18.9 | 19.2 | 18.5 | 20.3 | 19.8 | 18.5 | 21.6 | 120 | 达标 | |  | 排放速率 | 0.437 | 0.424 | 0.367 | 0.382 | 0.354 | 0.423 | 0.398 | 0.354 | 0.437 | 38 | 达标 | | 苯 | 排放浓度 | 0.04 | 0.06 | 0.07 | 0.07 | 0.10 | 0.08 | 0.07 | 0.04 | 0.10 | 1 | 达标 | |  | 排放速率 | 8.0×10-4 | 1.0×10-3 | 1.0×10-3 | 1.0×10-3 | 2.0×10-3 | 2.0×10-3 | 1.3×10-3 | 8.0×10-4 | 2.0×10-3 | 0.4 | 达标 | | 甲苯 | 排放浓度 | 7.62 | 7.13 | 7.09 | 6.88 | 7.02 | 6.95 | 7.12 | 6.88 | 7.62 | — | — | |  | 排放速率 | 0.154 | 0.147 | 0.138 | 0.137 | 0.134 | 0.145 | 0.143 | 0.134 | 0.154 | 1.0 | 达标 | | 二甲苯 | 排放浓度 | 3.15 | 2.98 | 3.08 | 2.89 | 2.93 | 3.10 | 3.02 | 2.89 | 3.15 | — | — | |  | 排放速率 | 6.37×10-2 | 6.16×10-2 | 5.98×10-2 | 5.75×10-2 | 5.61×10-2 | 6.46×10-2 | 6.06×10-2 | 5.61×10-2 | 6.46×10-2 | — | — | | 甲苯与二甲苯合计 | 排放浓度 | 10.8 | 10.1 | 10.2 | 9.77 | 9.95 | 10.0 | 10.1 | 9.77 | 10.8 | 15 | 达标 | | 排放速率 | 0.218 | 0.209 | 0.198 | 0.194 | 0.190 | 0.208 | 0.203 | 0.190 | 0.218 | 1.6 | 达标 | | 总VOCs | 排放浓度 | 27.5 | 26.8 | 28.3 | 25.3 | 24.6 | 27.2 | 26.6 | 24.6 | 28.3 | 80 | 达标 | | 排放速率 | 0.556 | 0.554 | 0.550 | 0.503 | 0.471 | 0.566 | 0.533 | 0.471 | 0.566 | 5.1 | 达标 | | 备注：排气筒高度28米 | | | | | | | | | | | | | |   从连续两天的监测结果可见，该项目废气中苯、甲苯与二甲苯合计、总VOCs监测结果符合《印刷行业挥发性有机化合物排放标准》（DB 44/815-2010）表2第Ⅱ时段排放标准，颗粒物、氯化氢、非甲烷总烃监测结果符合《大气污染物排放限值》（DB 44/27-2001）第二时段二级标准，符合环评批复的要求。 |

**续表七**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3、噪声**  噪声监测结果见表2。  表2 厂界噪声监测结果   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 序号 | 监测点位 | 监测结果Leq[dB(A)] | | 执行标准Leq[dB(A)] | 达标  情况 | | 2017年9月15日 | 2017年9月16日 | | 昼间 | 昼间 | 昼间 | | 1# | 厂界东外1m处 | 55 | 56 | ≤65 | 达标 | | 2# | 厂界南外1m处 | 57 | 57 | ≤65 | 达标 | | 3# | 厂界西外1m处 | 56 | 56 | ≤65 | 达标 | | 4# | 厂界北外1m处 | 58 | 58 | ≤65 | 达标 | | 备注 | 2017年9月15日，晴，监测前校准值：93.9dB，监测后校准示值偏差：-0.1 dB；  2017年9月16日，晴，监测前校准值：93.9dB，监测后校准示值偏差：-0.1 dB。 | | | | |   从连续两天的监测结果可见，该项目东、南、西、北面厂界噪声排放符合《工业企业厂界环境噪声排放标准》（GB 12348-2008）3类标准，符合环评批复的要求。  **4、污染物总量控制指标**  根据本次验收监测结果对废气、固废的排放总量核算，主要污染物排放总量见表3。  **表3主要污染物排放总量**  单位：t/a   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **类别** | **污染物** | **深环批[2010]901595号** | **环评总量** | **实际排放总量** | | 废水 | 排放总量 | — | — | — | | COD | — | — | — | | BOD5 | — | — | — | | SS | — | — | — | | 氨氮 | — | — | — | | 废气 | 排放总量 | — | — | 4806 | | 二氧化硫 | — | — | — | | 氮氧化物 | — | — | — | | 颗粒物 | — | — | 0.646 | | 氯化氢 | — | — | 0.376 | | 非甲烷总烃 | — | — | 0.955 | | 苯 | — | — | 0.003 | | 甲苯与二甲苯合计 | — | — | 0.487 | | 总VOCs | — | — | 1.28 | | **类别** | **污染物** | **深环批[2010]901595号** | **环评总量** | **实际排放总量** | | 固体废物 | 排放总量 | — | — | — | | 固体废物 | — | — | | 生活垃圾 | — | — |   本项目无排放总量无要求。 |

# 表八 结论及建议

|  |
| --- |
| **1、验收监测期间工况**  2017年9月15日和9月16日，验收监测期间，该项目正常生产，生产设备均正常运行，废气和噪声的监测数据均有效。  **2、废气验收监测评价**  该项目废气中苯、甲苯与二甲苯合计、总VOCs监测结果符合《印刷行业挥发性有机化合物排放标准》（DB 44/815-2010）表2第Ⅱ时段排放标准，颗粒物、氯化氢、非甲烷总烃监测结果符合《大气污染物排放限值》（DB 44/27-2001）第二时段二级标准，符合环评批复的要求。  **3、噪声验收监测评价**  该项目东、南、西、北面厂界噪声排放符合《工业企业厂界环境噪声排放标准》（GB 12348-2008）3类标准，符合环评批复的要求。  **4、环保检查结论**  该项目的环评手续齐全，项目主体工程建设、生产设备安装、所需配套的环保设施、污染防治工程等已全部竣工并投入生产运营。项目环保组织结构完善，规章制度健全，环境管理制度化；处理设施的运行、维护和污染物排放的日常监测由专人负责落实，记录完整、运转良好、绿化状况良好。  **综上所述：**  本次对深圳市霍尼卡姆机电设备有限公司建设项目进行竣工环保验收监测，其监测结论如下：  1、该项目废气中苯、甲苯与二甲苯合计、总VOCs监测结果符合《印刷行业挥发性有机化合物排放标准》（DB 44/815-2010）表2第Ⅱ时段排放标准，颗粒物、氯化氢、非甲烷总烃监测结果符合《大气污染物排放限值》（DB 44/27-2001）第二时段二级标准，符合环评批复的要求。  3、该项目东、南、西、北面厂界噪声排放符合《工业企业厂界环境噪声排放标准》（GB 12348-2008）3类标准，符合环评批复的要求。  **建议：**  进一步加强对环保设施的运行与管理，严格按照（深环批[2010]901595号文）的要求做好各项污染防治工作。 |

# 附件1 监测分析方法一览表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | 检测因子 | 分析仪器型号 | 检测标准 | 检出限 | | 颗粒物 | 电子天平  ME104E/02 | 《固定污染源排气中颗粒物测定与气态污染物采样方法》  GB/T 16157-1996 | — | | 氯化氢 | 紫外可见分光光度计TU-1810DPC | 《固定污染源排气中氯化氢的测定 硫氰酸汞分光光度法》  HJ/T 27-1999 | 0.9mg/m3 | | 非甲烷总烃 | 气相色谱仪  GC 9790II | 《固定污染源排气中非甲烷总烃的测定气相色谱法》  HJ/T 38-1999 | 0.04mg/m3 | | 苯 | 气相色谱仪  7890B | 《印刷行业挥发性有机化合物排放标准》 VOCs监测方法  DB44/815-2010 附录D | 0.01mg/m3 | | 甲苯 | 气相色谱仪  7890B | 《印刷行业挥发性有机化合物排放标准》 VOCs监测方法  DB44/815-2010 附录D | 0.01mg/m3 | | 二甲苯 | 气相色谱仪  7890B | 《印刷行业挥发性有机化合物排放标准》 VOCs监测方法  DB44/815-2010 附录D | 0.01mg/m3 | | 甲苯与二甲苯合计 | 气相色谱仪  7890B | 《印刷行业挥发性有机化合物排放标准》 VOCs监测方法  DB44/815-2010 附录D | 0.01mg/m3 | | 总VOCS | 气相色谱仪  7890B | 《印刷行业挥发性有机化合物排放标准》 VOCs监测方法  DB44/815-2010 附录D | 0.01mg/m3 | | 厂界噪声 | 多功能声级计AWA6228 | 《工业企业厂界环境噪声排放标准》  GB 12348-2008 | — | |