

格尔木盐化（集团）有限责任公司煤改气项目

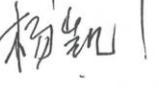
竣工环境保护验收监测报告表

建设单位：格尔木盐化（集团）有限责任公司

编制单位：青海青环发环境科技有限公司

编制日期：2022年5月

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基本情况

| | | | | | |
|---------------|----------------------|---------------|--------------------|----|--------|
| 建设项目名称 | 格尔木盐化（集团）有限责任公司煤改气项目 | | | | |
| 建设单位名称 | 格尔木盐化（集团）有限责任公司 | | | | |
| 建设项目性质 | 改建 | | | | |
| 建设地点 | 青海省海西州格尔木市盐桥北路4号 | | | | |
| 主要产品名称 | 蒸汽 | | | | |
| 设计生产能力 | 2台8t/h燃气锅炉 | | | | |
| 实际生产能力 | 2台8t/h燃气锅炉 | | | | |
| 建设项目环评时间 | 2020年3月26日 | 开工建设时间 | 2020年4月1日 | | |
| 调试时间 | 2020年4月30日 | 验收现场监测时间 | 2020年5月12日 | | |
| 环评报告表 审批部门 | 格尔木市生态 环境局 | 环评报告表 编制单位 | 山东永宏环保技术 咨询有限公司 | | |
| 环保设施设计单位 | 泰山集团股份 有限公司 | 环保设施施工单位 | 泰山集团股份 有限公司 | | |
| 投资总概算 | 82.89 | 环保投资 | 82.89 | 比例 | 82.89% |
| 实际总概算 | 82.89 | 环保投资 | 6.5 | 比例 | 7.8% |

表一

| | |
|--------------------|--|
| 验收监测 依据 | <p>1、环境保护法律、法规</p> <p>(1) 《中华人民共和国环境保护法》（2015年1月1日）；</p> <p>(2) 《中华人民共和国大气污染防治法》（2018年10月26日）；</p> <p>(3) 《中华人民共和国水污染防治法》（2017年6月27日）；</p> <p>(4) 《中华人民共和国环境噪声污染防治法》（2018年12月29日）；</p> <p>(5) 《中华人民共和国固体废物污染环境防治法》（2020年9月1日）；</p> <p>(6) 《建设项目环境保护管理条例》（国务院令第682号，2017年7月）；</p> <p>(7) 《建设项目竣工环境保护验收暂行办法》（国环规环评〔2017〕4号，2017年11月）。</p> <p>2、验收技术规范</p> <p>(1) 《建设项目竣工环境保护验收技术指南污染影响类》（生态环境部公告2018年第9号）；</p> <p>(2) 《关于印发环评管理中部分行业建设项目重大变动清单的通知》（环办〔2015〕52号）；</p> <p>(3) 《关于印发《污染影响类建设项目重大变动清单（试行）》的通知》（环办环评函〔2020〕688号）。</p> <p>3、环评及其批复</p> <p>(1) 《格尔木盐化（集团）有限责任公司煤改气项目环境影响报告表》（2020年3月）；</p> <p>(2) 《格尔木市生态环境局关于格尔木盐化（集团）有限责任公司煤改气项目环境影响报告表的批复》（格生审〔2020〕9号）。</p> <p>4、其他文件</p> <p>(1) 《格尔木盐化（集团）有限责任公司制盐分公司检测报告》（2020年5月25日）；</p> <p>(2) 《格尔木盐化（集团）有限责任公司制盐分公司排污许可证》（2020年2月20日）；</p> <p>(3) 《格尔木盐化（集团）有限责任公司突发环境事件应急预案备案表》。</p> |
|--------------------|--|

验收监测
评价标准、
标号、级
别、限值

1、大气污染物排放标准

锅炉烟气排放执行《锅炉大气污染物排放标准》(GB13271-2014)中的燃气锅炉标准限值，详见表 1。

表 1 大气污染物排放标准一览表

| 标准名称 | 污染物 | 标准值 | |
|---------------------------------|-----------------|-----|-------------------|
| | | 限值 | 单位 |
| 《锅炉大气污染物排放标准》 (GB13271-2014) | 颗粒物 | 20 | mg/m ³ |
| | SO ₂ | 50 | |
| | NO _x | 200 | |
| | 烟气黑度 (林格曼黑度) | ≤1 | 级 |

2、水污染物排放标准

锅炉房废水排放执行《污水排入城镇下水道水质标准》(GB/T31962-2015) B 级限值，详见表 2。

表 2 水污染物排放标准一览表

| 序号 | 污染物 | 单位 | 标准限值 |
|----|------------------|------|---------|
| 1 | pH | - | 6.5~9.5 |
| 2 | COD | mg/L | 500 |
| 3 | BOD ₅ | mg/L | 350 |
| 4 | 悬浮物 | mg/L | 400 |
| 5 | 氨氮 | mg/L | 45 |
| 6 | 动植物油 | mg/L | 100 |
| 7 | 溶解性总固体 | mg/L | 2000 |

3、噪声排放标准

锅炉房噪声排放执行《工业企业厂界环境噪声排放标准》(GB12348-2008)中的 2 类标准,即昼间 60dB (A) , 夜间 50dB (A) 。

4、主要污染物排放总量

氮氧化物 2.687t/a。

表二

1、工程建设内容：

(1) 地理位置

项目位于格尔木市盐桥北路4号，格尔木盐化（集团）有限责任公司制盐分公司厂区内。地理坐标为东经 $94^{\circ}53'53.87''$ ，北纬 $36^{\circ}26'49.95''$ 。

项目地理位置见图1。

(2) 建设内容

项目拆除原有2台8t/h燃煤锅炉，在现有锅炉房内安装2台8t/h燃气蒸汽锅炉，以及燃烧机、软化水处理器等辅助设备，详见表3，项目平面布置见图2。

表3 项目组成一览表

| 项目名称 | | | 组成内容 |
|------|---|--------|--|
| 主体工程 | 1 | 蒸汽锅炉 | 2台 WNS8-1.6-Q 锅炉 |
| 辅助工程 | 1 | 燃烧机 | 2套 GP-700M-II WD33 |
| | 2 | 补水泵 | 4台流量 12m^3 ，扬程162m |
| | 3 | 控制柜 | 2套 PLC 触摸屏 |
| | 4 | 软化水处理器 | 2台全自动双筒流量型 |
| | 5 | 软水水箱 | 2台 15m^3 |
| | 6 | 排气筒 | 2根，H=12m， $\Phi=0.4\text{m}$ |
| 公用工程 | 1 | 供气 | 由市输气管网输送，消耗量为 $123.2\text{万}\text{m}^3/\text{a}$ |
| | 2 | 供水 | 由市供水管网输送，新鲜用水量为 $1500\text{m}^3/\text{a}$ |
| | 3 | 供电 | 从市电网接入 |

(3) 工作制度

锅炉房安排2名工作人员，实行2班工作制，每班8小时，年运行300天，共计4800小时。

2、项目敏感保护目标

项目现阶段敏感目标与环评阶段比较未发生变化，详见表4，图3。

表4 环境敏感保护目标一览表

| 环境要素 | 保护对象 | 规模 | 相对位置 | | 标准 |
|------|------|----|------|----|----|
| | | | 方位 | 距离 | |
| | | | | | |

| | | | | | |
|----------------------|-----------|-------|----|------|--|
| | | | | (m) | |
| 环境 空气、 声 环境 | 盐桥北路居住商业区 | 220 人 | W | 25 | GB3095-2012 中 二级标准 2 类标 准； GB3096-2008 中 2 类标准 |
| | 城北村 | 350 人 | NW | 201 | |
| | 星月幼儿园 | 30 人 | NE | 558 | |
| | 居民集聚区 | 280 人 | E | 320 | |
| | 平安家园 | 400 人 | S | 814 | |
| | 中村 | 360 人 | SW | 717 | |
| | 小島村 | 610 人 | SW | 1608 | |

3、项目重大变动的判定

根据《关于印发环评管理中部分行业建设项目重大变动清单的通知》(环办〔2015〕52 号)和《污染影响类建设项目重大变动清单(试行)》规定,“建设项目的性质、规模、地点、生产工艺和环境保护措施五个因素中的一项或一项以上发生重大变动,且可能导致环境影响显著变化(特别是不利环境影响加重)的,界定为重大变动”。

本项目重大变动判定详见表 5。

表 5 项目重大变动判定一览表

| 序号 | 类别 | 环评阶段 | 验收阶段 | 是否变动 |
|----|----------------------------|-----------------------------------|----------------------------------|------|
| 1 | 性质 | 改建 | 改建 | 否 |
| 2 | 规模 | 2 台 8t/h 燃气锅炉 | 2 台 8t/h 燃气锅炉 | 否 |
| 3 | 地点 | 盐桥北路 4 号 | 盐桥北路 4 号 | 否 |
| 4 | 生产工艺 | 天然气蒸汽锅炉 | 天然气蒸汽锅炉 | 否 |
| 5 | 防治污 染、防止 生态破坏 的措施 | 废气: 废气通过高 35m, 直 径 0.8m 烟囱达标排放 | 废气: 废气通过高 12m, 直径 0.4m 烟囱达标排放 | 是 |
| | | 废水: 通过市政管网进入格 尔木市污水处理厂处理 | 废水: 通过市政管网进 入格尔木市污水处理厂 处理 | 否 |
| | | 噪声: 基础减震、厂房隔音 | 噪声: 基础减震、厂房 隔音 | 否 |

| | | | | |
|--|--|------------------------|----------------------------------|---|
| | | 固废：产生一般工业固废，统一收集后外售处理。 | 固废：尚未产生 | 否 |
| | | 环境风险：落实风险管理制度，制定应急预案 | 环境风险：制定了管理和操作规范，制定了突发环境事件应急预案并备案 | 否 |

通过上述分析，验收阶段项目性质、规模、地点和生产工艺方面未发生变动；排放废气烟囱由环评阶段高 35m，直径 0.8m 变动为高 12m，直径 0.4m，此变动未导致环境影响显著变化，因此，项目建设不存在重大变动。



锅炉房



锅炉



锅炉铭牌



烟气排放口



厂内废水管道



敏感保护目标



厂区与敏感保护目标距离



厂区与敏感保护目标距离

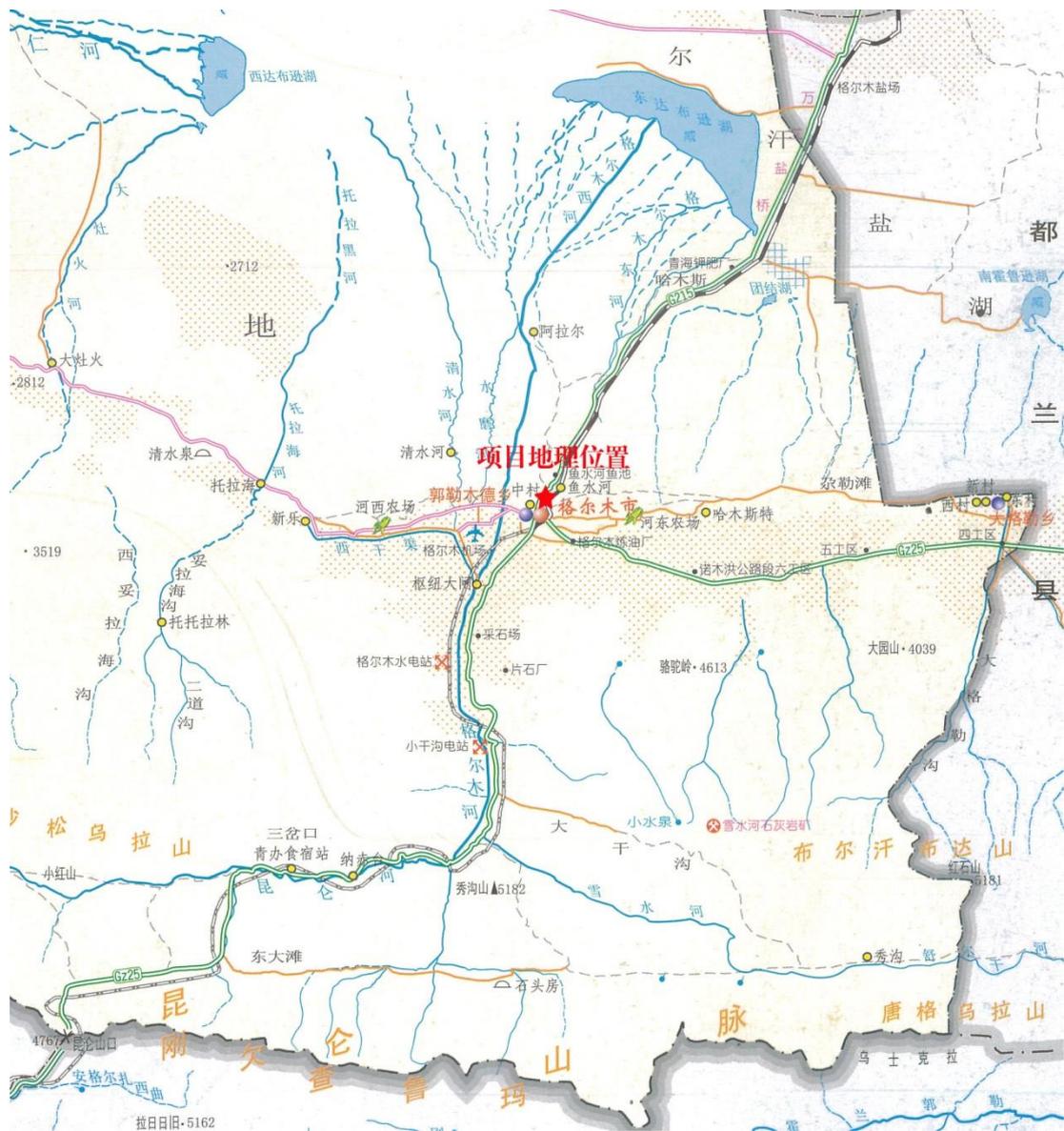


图1 项目地理位置图



图 2 项目总平面布置及排放口位置示意图

原辅材料消耗及水平衡：

1、原辅材料

主要为工业盐，成分为氯化钠，使用量约为 2.0t/a。

2、水平衡

锅炉新鲜用水量为 1500m³/a，为 by 市政管网供水。排水约为 348m³/a，损耗约为 1152m³/a。项目供水详见图 4。

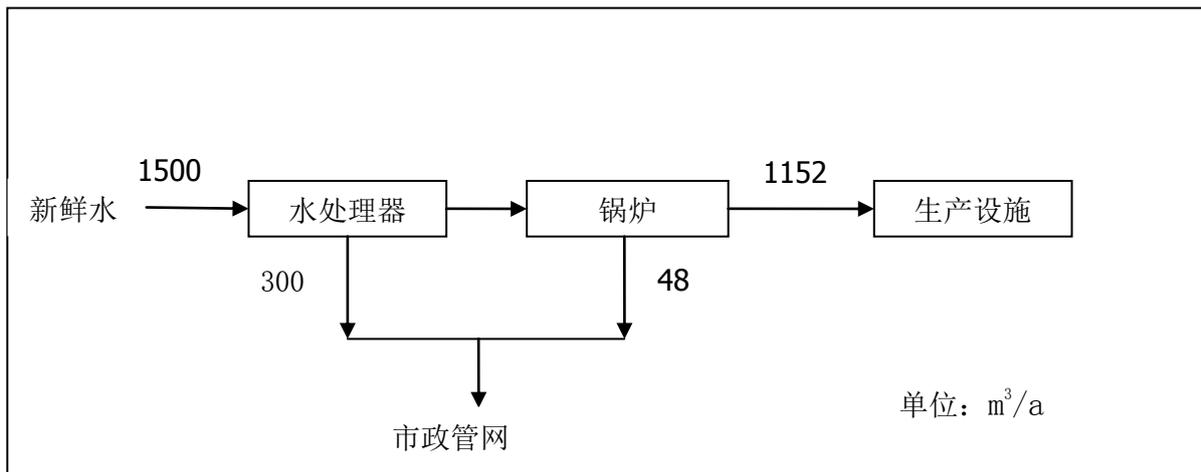


图 4 项目水平衡图

主要工艺流程及产污环节（附处理工艺流程图，标出产污节点）：

锅炉生产的 200℃ 高温蒸汽，通过供热管网的供给生产系统。

项目工艺流程及产污环节详见图 5。

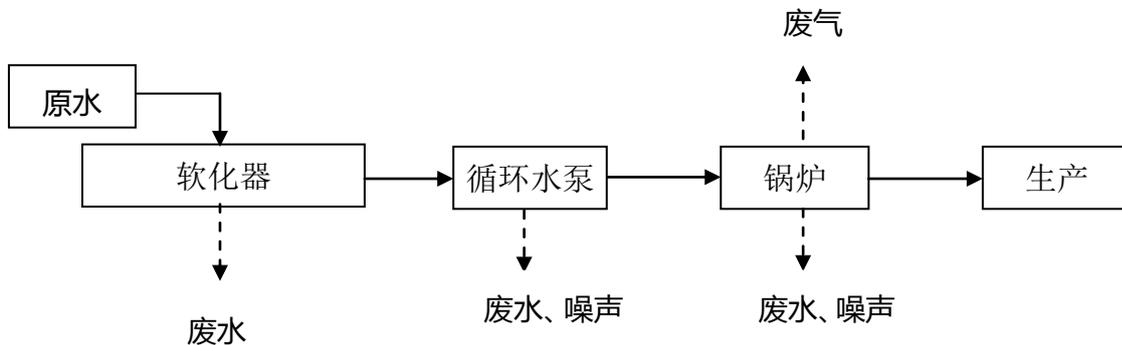


图 5 锅炉房工艺流程及产污环节示意图

锅炉房对环境的影响主要来自废气、噪声、废水。

1、废气产生环节

锅炉房废气主要来自天然气燃烧产生废气，通过设置的 12m 高排气筒排空。

2、废水产生环节

锅炉房废水主要来自锅炉本体排放废水和软化水装置反冲洗产生的废水，废水中含有溶解性总固体等污染物。

3、噪声产生环节

锅炉噪声主要来自锅炉燃烧和水泵运转震动产生。

表三

主要污染源、污染物处理和排放

1、废气

(1) 污染源

环境空气污染源为燃气锅炉，废气通过锅炉烟囱排放，排放口情况见表 6，排放口位置见图 2。

表 6 大气排放口参数一览表

| 序号 | 参数 | | 单位 | 数值 |
|----|-----------------------------------|----------|-------------------|------|
| 1 | 排气筒高度 | | m | 12 |
| 2 | 排气筒内径 | | m | 0.4 |
| 3 | 烟气温度 | | k | 346 |
| 4 | 年排放小时数 | | h | 4800 |
| 5 | 锅炉大气污染物 排放标准 (GB13271-2014) | 烟气黑度 (级) | mg/m ³ | ≤1 |
| 6 | | 颗粒物 | mg/m ³ | 20 |
| 7 | | 二氧化硫 | mg/m ³ | 50 |
| 8 | | 氮氧化物 | mg/m ³ | 200 |

(2) 污染物产排情况

2020年5月12日，青海蓝博检测科技有限公司监测锅炉烟气中污染物排放浓度，监测结果见表 7。

表 7 锅炉烟气监测结果一览表

| 检测点位 | 检测项目 | 检测结果 | | | |
|-------|--------------------------|---------------------------|------|------|------|
| | | 第一次 | 第二次 | 第三次 | |
| 锅炉排气筒 | 标干流量 (m ³ /h) | 4515 | 4510 | 4877 | |
| | 含氧量 (%) | 5.4 | 5.3 | 5.2 | |
| | 烟气黑度 (级) | <1 | <1 | <1 | |
| | 二氧化硫 | 实测浓度 (mg/m ³) | 3L | 3L | 3L |
| | | 折算浓度 (mg/m ³) | 3.4L | 3.4L | 3.4L |

| | | | | | |
|------|--|---------------------------|------|------|------|
| | | 排放速率 (kg/h) | -- | -- | -- |
| 氮氧化物 | | 实测浓度 (mg/m ³) | 124 | 125 | 119 |
| | | 折算浓度 (mg/m ³) | 139 | 139 | 132 |
| | | 排放速率 (kg/h) | 0.56 | 0.56 | 0.58 |
| 颗粒物 | | 实测浓度 (mg/m ³) | <20 | <20 | <20 |
| | | 折算浓度 (mg/m ³) | -- | -- | -- |
| | | 排放速率 (kg/h) | -- | -- | -- |

注：当测定结果低于方法检出限时，所报数据为该方法的检出限并加标志位 L。

分析上表数据，污染物二氧化硫浓度低于检出限值，氮氧化物浓度在 132mg/m³—139mg/m³，颗粒物浓度小于 20mg/m³；锅炉排放烟气中大气污染物浓度能够满足《锅炉大气污染物排放标准》(GB13271-2014)中的燃气锅炉的相应标准。

NO_x 排放总量核算：

$$E = C \times V$$

E—锅炉 NO_x 排放总量，t/a；

C—锅炉 NO_x 排放浓度，本次取实际监测浓度 124mg/m³；

V—烟气量，本次取监测时的流量 4515m³/h；

$$E=124\text{mg/m}^3 \times 4515\text{m}^3/\text{h} \times 4800\text{h/a} \times 10^{-9}=2.687\text{t/a}。$$

项目环评批复中给出 NO_x：5.388t/a 为两台锅炉排放量，单台锅炉排放量为 2.694t/a，因此，NO_x 排放总量满足环评批复要求，项目主要污染物排放总量达标。

2、噪声

锅炉的主要噪声源为锅炉本体、水泵等设备，声功率级为 75-95dB(A)，具体见表 8。

表 8 主要设备声功率级一览表

| 噪声源 | 设备名称 | 数量(台) | 声功率级 dB(A) | 排放规律 |
|-----|------|-------|------------|------|
| 锅炉房 | 热水锅炉 | 1 | 75 | 连续 |
| | 水泵 | 2 | 95 | 连续 |

验收监测数据见表 9。

表 9 噪声监测结果一览表

| 监测点位 | 日期 | 结果 L_{eq} [dB (A)] | |
|--------|-----------|-----------------------|------|
| | | 昼间 | 夜间 |
| 1#厂界东侧 | 2020.5.12 | 44.3 | 38.9 |
| 2#厂界北侧 | | 55.8 | 42.8 |
| 3#厂界西侧 | | 55.5 | 38.8 |
| 4#厂界南侧 | | 59.3 | 39.2 |

分析监测数据，锅炉房厂界达到《工业企业厂界环境噪声排放标准》(GB12348-2008)中的 2 类标准要求。

3、废水

锅炉房废水主要来自锅炉，排水量约为 348m³/a，主要污染物为 pH、溶解性总固体等。

废水排入盐桥路市政管网进入格尔木市污水处理厂处理，锅炉房废水属于清净下水，污染物浓度能够达到《污水排入城镇下水道水质标准》(GB/T31962-2015)限值。项目废水接入市政管网见图 2。

4、固废

根据环评报告表，项目软水制备装置产生废 RO 膜，属于一般工业固体废物，提出收集后外售处理的要求。

截止此次验收阶段，项目未产生固废。后期产生时，按照环评意见处理处置。

表四

建设项目环境影响报告表主要结论及审批部门审批决定：

1、建设项目环境影响报告表主要结论

(1) 运营期废气

本技改项目拆除现有工程 2 台燃煤锅炉，新增 2 台 8t/h 燃气蒸汽锅炉，锅炉烟气经 2 根 35m 高排气筒 P1 和 P2 排放。根据工程分析可知，本项目每台燃气锅炉耗气量约为 $600\text{Nm}^3/\text{h}$ ，全年工作时间约为 4800h，则 2 台燃气锅炉天然气耗气量为 576 万 Nm^3 ，经计算本项目每台燃气锅炉产生的废气量约为 3924.26 万 m^3 ，其中烟尘产生量 0.3744t/a， SO_2 0.576t/a， NO_x 5.388t/a，产生浓度为烟尘 $9.54\text{mg}/\text{m}^3$ ， SO_2 $14.68\text{mg}/\text{m}^3$ ， NO_x $137.3\text{mg}/\text{m}^3$ 。本次环评建议建设单位采用低氮燃烧以降低氮氧化物产生量，低氮燃烧器脱硫效率为 50%，则经低氮燃烧后污染物排放量为：烟尘排放量 0.3744t/a， SO_2 0.576t/a， NO_x 2.694t/a，排放浓度为烟尘 $9.54\text{mg}/\text{m}^3$ ， SO_2 $14.68\text{mg}/\text{m}^3$ ， NO_x $68.65\text{mg}/\text{m}^3$ ，满足《锅炉大气污染物排放标准》（GB13271-2014）表 3 新建锅炉大气污染物排放浓度限值（燃气锅炉）排放标准限值，对环境的影响较小。

(2) 运营期废水

本技改项目不新增劳动定员，不新增生活污水外排；本项目新增外排废水主要为软水制备浓水和锅炉排污水，产生总量为 $348\text{m}^3/\text{a}$ ，其中：锅炉排污水产生量为 $48\text{m}^3/\text{a}$ ，软水制备浓水产生量为 $300\text{m}^3/\text{a}$ ，通过市政管网进入格尔木市污水处理厂处理。

(3) 运营期噪声

本项目在设计时优先选用的噪声设备，筛选设备等高噪声设备置于封闭建筑物内，进行隔音，并进行基础减震；在总图设计上尽量做到布局合理，使噪声源远离敏感点，并在厂区内注意绿化，建立绿化隔离带，利用植物降噪。采取以上措施后，运营期厂界噪声满足《工业企业厂界环境噪声排放标准》（GB12348-2008）中 2 类标准限值要求，对声环境影响较小。

(4) 运营期固废

本技改项目不新增劳动定员，不新增生活垃圾，故项目运营期产生的固体废物主要是一般工业固体废物，主要为软水制备过程产生的废 R0 膜，统一收集后外售处理。

综上所述，项目运营期间加强宣传培训和环境管理，将产生的各种固体废物进行回收处理、合理利用，项目产生的固体废物对周围环境影响较小。措施可行。

(5) 总量控制

大气污染物：烟尘排放量 0.749t/a、SO₂1.152t/a，NO_x5.388t/a。本项目技改完成后二氧化硫、氮氧化物和烟粉尘总量均小于格尔木市环保局已批复总量（项目技改完成后项目烟尘、SO₂、NO_x减排量分别为 27.381t/a，71.058t/a，13.432 t/a），故项目总量于现有工程进行调剂，无需申请总量。

水污染物：本技改项目不新增劳动定员，不新增生活污水外排；本项目新增外排废水主要为软水制备浓水和锅炉排污水，均为清净下水，通过市政管网进入格尔木市污水处理厂处理。

综上所述，项目建设符合国家产生政策，评价项目在认真落实“三同时”及本环评中所提的建议以及各项污染防治对策，对所产生的污染物进行有效合理的治理后，对周围环境产生的影响较小。因此，从环保角度分析，项目建设可行。

项目落实环评报告表验收意见情况详见表 10。

表 10 建设单位落实环评报告表验收意见一览表

| 类别 | 环保措施 | 验收标准 | 落实情况 |
|-------------------------------|--------------------------------|--|---|
| 噪声 | 选用低噪声设备、安装消音器、基础减震、设置操作间、绿化阻隔等 | 《工业企业厂界环境噪声排放标准》(GB12348-2008)中的 2 类标准要求。 | 锅炉房水泵基础采取减震措施。通过监测数据可知，锅炉房厂界昼间等效连续 A 声级最大值为 59.3dB (A)，夜间最大值为 42.8 dB (A)，能够达到《工业企业厂界环境噪声排放标准》(GB12348-2008)中的 2 类标准要求。 |
| 废水 | 化粪池、污水管网 | 《污水排入城镇下水道水质标准》(GB/T31962-2015) B 级限值。 | 锅炉房废水接入盐桥路市政管网，进入格尔木市污水处理厂处理。 |
| 废气： 排气筒 P1 排气筒 P2 | 35m 排气筒 | 颗粒物 $\leq 20\text{mg}/\text{m}^3$ SO ₂ $\leq 50\text{mg}/\text{m}^3$ NO _x $\leq 150\text{mg}/\text{m}^3$ | 项目锅炉燃料为清洁能源天然气。通过监测数据可知，烟气中二氧化硫低于检出限，氮氧化物最大浓度为 139mg/m ³ ，颗粒物浓度为小于 20 mg/m ³ 。锅炉烟气中大气污染物 |

| | | | |
|-------------|-------|---|---|
| | | | 排放能够满足《锅炉大气污染物排放标准》(GB13271-2014)中的燃气锅炉的相应标准。 |
| 一般工业固废 RO 膜 | 一般固废间 | 《一般工业固体废物贮存、处置场污染控制标准》(GB18599-2001)及其修改单 | 截止目前，项目未产生固体废物。 |

2、环评批复决定

(1) 项目概况

格尔木盐化（集团）有限责任公司煤改气项目位于格尔木市盐桥北路4号，行政区划属于海西州格尔木市管辖，属于技改项目。中心地理坐标：东经94°53′53.87″，北纬：36°26′49.95″。本项目总投资82.89万元，其中环保投资为82.89万元，占总投资的100%。本项目主要建设内容及规模：拆除原有的2台8t/h的燃煤锅炉，在原场地新装2台8t/h燃气蒸汽锅炉。具体建设内容、建设规模及采取的环境保护措施等以报告表核定为准。

根据报告表的结论，专家评审意见，在你单位严格落实报告表及本批复提出的各项环保对策措施，切实有效做好施工期，运营期风险防范及污染防治工作的前提下，从环保角度原则同意该项目建设。

(2) 在项目设计，建设和环境管理中要认真落实《报告表》提出的各项环保要求，确保各类污染物稳定达标排放，并重点做好以下工作：

①拆除原有设施，应确保所有拆除产物、遗留物料、残留污染物等得到合理处置。

②施工期主要环境影响均来自各施工活动，其主要影响因素包括扬尘、噪声等，施工期内各项活动具有短暂性特点。须采取环境影响报告表提到的相应的控制及管理措施，将施工期环境影响控制在可接受范围内。

③严格落实废气治理排放控制措施，认真做好建设项目的工程分析，算清建设项目污染物排放情况，贯彻执行“达标排放”《锅炉大气污染物排放标准》(GB13271-2014)中新建锅炉大气污染物排放浓度限值。

④严格落实噪声污染防治措施。优化厂区平面布置，优先选用低噪声设备，合理布置高噪声设备，对高噪声机械设备采取基础减震，消声等降噪促措施。噪声执行《工业企业厂界环境噪声排放标准》(GB12348-2008)标准。

⑤按“减量化、资源化、无害化”原则落实各类固体废物的收集、处置和综合利用措施。一般工业固体废物执行《一般工业固体废物贮存、处置场污染控制标准》（GB18599-2001）及其修改清单；危险废物执行《危险废物贮存污染物控制标准》（GB18597-2001）及其修改单有关要求，并委托有危废处置资质的单位处置，严格按照危险废物规范化管理要求进行全过程管理。

⑥严格落实水环境保护措施。运营期废水主要为锅炉排污水和软水制备浓水，经市政污水管网至格尔木市污水处理厂处理；生活污水经化粪池预处理后经市政污水管网进入格尔木市污水处理厂处理。废水执行《污水排入城镇下水道水质标准》（GB/T31962-2015）的要求，不得外排。

⑦严格落实各项环境风险防控措施，及时制订环境应急预案，并在生态环境部门备案。

⑧其他未尽事宜请严格对照《报告表》中的要求执行。

（3）本项目污染物排放总量控制指标：本项目 NO_x ：5.388t/a，原有燃煤锅炉的总量控制指标为 NO_x ：18.82t/a，本项目产生的总量指标通过原有燃煤锅炉的总量指标进行替代。

（4）你公司须根据报告表提出的环保对策措施和本批复要求，做好各项环境风险防范和污染防治工作，严格执行配套建设的环保设施与主体工程同时设计、同时施工、同时投产使用的环保“三同时”制度。

①项目竣工后，按照《建设项目竣工环境保护验收暂行办法》“第十二条除需要取得排污许可证的水和大气污染防治设施外，其他环境保护设施的验收期限一般超过3个月；需要对该类环境保护设施进行调试或者整改的，验收期限可以适当延期，但最长不超过12个月”，及时对配套建设的环境保护设施进行验收。

②依法申领排污许可证，持证排污。

③按照《国家重点监控企业自行监测及信息公开办法》的要求开展工作。

④项目的环境影响评价报告表经批准后，项目性质、规模、地点、采取的生产工艺或者防治污染、防止生态破坏的措施发生重大变动的，应当重新报批建设项目的环评文件。

海西州生态环境局

2020年3月26日

表 11 建设单位落实环评批复意见一览表

| 序号 | 批复意见 | 落实情况 |
|----|---|---|
| 1 | 拆除原有设施，应确保所有拆除产物、遗留物料、残留污染物等得到合理处置。 | 通过现场核查，未遗留拆除的物品。通过了解，原锅炉作为废旧资源，外售综合利用。 |
| 2 | 施工期主要环境影响均来自各施工活动，其主要影响因素包括扬尘、噪声等，施工期内各项活动具有短暂性特点。须采取环境影响报告表提到的相应的控制及管理措施，将施工期环境影响控制在可接受范围内。 | 项目施工期无土方等基础施工作业，主要活动为在现有锅炉房内安装燃气锅炉，施工期较短；通过调查，项目施工阶段，未发生扰民等举报事件。 |
| 3 | 严格落实废气治理排放控制措施，认真做好建设项目的工程分析，算清建设项目污染物排放情况，贯彻执行“达标排放”《锅炉大气污染物排放标准》(GB13271-2014)中新建锅炉大气污染物排放浓度限值。 | 2020年5月，青海蓝博检测科技有限公司监测锅炉烟气，通过分析监测数据，大气污染物能够满足《锅炉大气污染物排放标准》(GB13271-2014)中新建燃气锅炉大气污染物排放浓度限值。 (检测报告见附件2) |
| 4 | 严格落实噪声污染防治措施。优化厂区平面布置，优先选用低噪声设备，合理布置高噪声设备，对高噪声机械设备采取基础减震，消声等降噪促措施。噪声执行《工业企业厂界环境噪声排放标准》(GB12348-2008)标准。 | 项目采取了低噪声锅炉等设备，对水泵设备采取基础减震措施。通过分析监测数据，锅炉房厂界噪声满足《工业企业厂界环境噪声排放标准》(GB12348-2008)2类标准限值。 (检测报告见附件2) |
| 5 | 按“减量化、资源化、无害化”原则落实各类固体废物的收集、处置和综合利用措施。一般工业固体废物执行《一般工业固体废物 | 本项目燃料为天然气，属于清洁能源，燃烧过程中不产生固废；软化水装置定期加入工业盐。截止目前，锅炉房尚未产生固体废物。 |

| | | |
|---|---|---|
| | <p>物贮存、处置场污染控制标准》(GB18599-2001)及其修改清单;危险废物执行《危险废物贮存污染物控制标准》(GB18597-2001)及其修改单有关要求,并委托有危废处置资质的单位处置,严格按照危险废物规范化管理要求进行全过程管理。</p> | |
| 6 | <p>严格落实水环境保护措施。运营期废水主要为锅炉排污水和软水制备浓水,经市政污水管网至格尔木市污水处理厂处理;生活污水经化粪池预处理后经市政污水管网进入格尔木市污水处理厂处理。废水执行《污水排入城镇下水道水质标准》(GB/T31962-2015)的要求,不得外排。</p> | <p>锅炉房废水接入制盐分公司厂内五污水管网,统一接入盐桥路市政污水管网,进入格尔木市污水处理厂处理,锅炉房排水属于清净下水,水质能够达到《污水排入城镇下水道水质标准》(GB/T31962-2015)的要求。</p> |
| 2 | <p>严格落实各项环境风险防控措施,及时制订环境应急预案,并在生态环境部门备案。</p> | <p>格尔木盐化(集团)有限责任公司统一制定突发环境事件应急预案,并在格尔木市生态环境局备案,备案号为:632801-2018-005-L“一般-大气(Q0)+一般-水(Q0)” (应急预案备案表见附件4)</p> |
| 3 | <p>本项目污染物排放总量控制指标:本项目NO_x:5.388t/a,原有燃煤锅炉的总量控制指标为NO_x:18.82t/a,本项目产生的总量指标通过原有燃煤锅炉的总量指标</p> | <p>NO_x排放总量核算 $E = C \times V$ E—锅炉NO_x排放总量,t/a; C—锅炉NO_x排放浓度,本次取实际监测浓度124mg/m³; V—烟气量,本次取监测时的流量</p> |

| | 进行替代。 | <p>4515m³/h;</p> <p>$E=124\text{mg}/\text{m}^3 \times 4515\text{m}^3/\text{h} \times 4800\text{h}/\text{a} \times 10^{-9}=2.687\text{t}/\text{a}$。</p> <p>本项目环评批复中给出NO_x:5.388t/a为两台锅炉排放量，单台锅炉排放量为2.694t/a，因此，本项目NO_x排放总量满足环评批复要求。</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4 | 依法申领排污许可证，持证排污。 | <p>格尔木盐化（集团）有限责任公司制盐分公司已取得排污许可证，证书编号：9163280192759481X6001R。</p> <p>（排污许可证见附件3）</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 按照《国家重点监控企业自行监测及信息公开办法》的要求开展工作。 | <p>建设单位按照排污许可证规定，定期开展自行监测，并按时在排污许可管理信息平台公开信息。</p>  <table border="1"> <thead> <tr> <th>监测点</th> <th>监测项目</th> <th>监测频次</th> </tr> </thead> <tbody> <tr><td>1#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>2#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>3#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>4#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>5#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>6#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>7#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>8#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>9#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>10#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>11#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>12#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>13#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>14#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> 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<tr><td>87#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>88#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>89#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>90#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>91#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>92#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>93#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>94#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>95#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>96#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>97#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>98#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>99#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> <tr><td>100#</td><td>2,4-二硝基苯胺</td><td>每月监测2次</td></tr> </tbody> </table> | 监测点 | 监测项目 | 监测频次 | 1# | 2,4-二硝基苯胺 | 每月监测2次 | 2# | 2,4-二硝基苯胺 | 每月监测2次 | 3# | 2,4-二硝基苯胺 | 每月监测2次 | 4# | 2,4-二硝基苯胺 | 每月监测2次 | 5# | 2,4-二硝基苯胺 | 每月监测2次 | 6# | 2,4-二硝基苯胺 | 每月监测2次 | 7# | 2,4-二硝基苯胺 | 每月监测2次 | 8# | 2,4-二硝基苯胺 | 每月监测2次 | 9# | 2,4-二硝基苯胺 | 每月监测2次 | 10# | 2,4-二硝基苯胺 | 每月监测2次 | 11# | 2,4-二硝基苯胺 | 每月监测2次 | 12# | 2,4-二硝基苯胺 | 每月监测2次 | 13# | 2,4-二硝基苯胺 | 每月监测2次 | 14# | 2,4-二硝基苯胺 | 每月监测2次 | 15# | 2,4-二硝基苯胺 | 每月监测2次 | 16# | 2,4-二硝基苯胺 | 每月监测2次 | 17# | 2,4-二硝基苯胺 | 每月监测2次 | 18# | 2,4-二硝基苯胺 | 每月监测2次 | 19# | 2,4-二硝基苯胺 | 每月监测2次 | 20# | 2,4-二硝基苯胺 | 每月监测2次 | 21# | 2,4-二硝基苯胺 | 每月监测2次 | 22# | 2,4-二硝基苯胺 | 每月监测2次 | 23# | 2,4-二硝基苯胺 | 每月监测2次 | 24# | 2,4-二硝基苯胺 | 每月监测2次 | 25# | 2,4-二硝基苯胺 | 每月监测2次 | 26# | 2,4-二硝基苯胺 | 每月监测2次 | 27# | 2,4-二硝基苯胺 | 每月监测2次 | 28# | 2,4-二硝基苯胺 | 每月监测2次 | 29# | 2,4-二硝基苯胺 | 每月监测2次 | 30# | 2,4-二硝基苯胺 | 每月监测2次 | 31# | 2,4-二硝基苯胺 | 每月监测2次 | 32# | 2,4-二硝基苯胺 | 每月监测2次 | 33# | 2,4-二硝基苯胺 | 每月监测2次 | 34# | 2,4-二硝基苯胺 | 每月监测2次 | 35# | 2,4-二硝基苯胺 | 每月监测2次 | 36# | 2,4-二硝基苯胺 | 每月监测2次 | 37# | 2,4-二硝基苯胺 | 每月监测2次 | 38# | 2,4-二硝基苯胺 | 每月监测2次 | 39# | 2,4-二硝基苯胺 | 每月监测2次 | 40# | 2,4-二硝基苯胺 | 每月监测2次 | 41# | 2,4-二硝基苯胺 | 每月监测2次 | 42# | 2,4-二硝基苯胺 | 每月监测2次 | 43# | 2,4-二硝基苯胺 | 每月监测2次 | 44# | 2,4-二硝基苯胺 | 每月监测2次 | 45# | 2,4-二硝基苯胺 | 每月监测2次 | 46# | 2,4-二硝基苯胺 | 每月监测2次 | 47# | 2,4-二硝基苯胺 | 每月监测2次 | 48# | 2,4-二硝基苯胺 | 每月监测2次 | 49# | 2,4-二硝基苯胺 | 每月监测2次 | 50# | 2,4-二硝基苯胺 | 每月监测2次 | 51# | 2,4-二硝基苯胺 | 每月监测2次 | 52# | 2,4-二硝基苯胺 | 每月监测2次 | 53# | 2,4-二硝基苯胺 | 每月监测2次 | 54# | 2,4-二硝基苯胺 | 每月监测2次 | 55# | 2,4-二硝基苯胺 | 每月监测2次 | 56# | 2,4-二硝基苯胺 | 每月监测2次 | 57# | 2,4-二硝基苯胺 | 每月监测2次 | 58# | 2,4-二硝基苯胺 | 每月监测2次 | 59# | 2,4-二硝基苯胺 | 每月监测2次 | 60# | 2,4-二硝基苯胺 | 每月监测2次 | 61# | 2,4-二硝基苯胺 | 每月监测2次 | 62# | 2,4-二硝基苯胺 | 每月监测2次 | 63# | 2,4-二硝基苯胺 | 每月监测2次 | 64# | 2,4-二硝基苯胺 | 每月监测2次 | 65# | 2,4-二硝基苯胺 | 每月监测2次 | 66# | 2,4-二硝基苯胺 | 每月监测2次 | 67# | 2,4-二硝基苯胺 | 每月监测2次 | 68# | 2,4-二硝基苯胺 | 每月监测2次 | 69# | 2,4-二硝基苯胺 | 每月监测2次 | 70# | 2,4-二硝基苯胺 | 每月监测2次 | 71# | 2,4-二硝基苯胺 | 每月监测2次 | 72# | 2,4-二硝基苯胺 | 每月监测2次 | 73# | 2,4-二硝基苯胺 | 每月监测2次 | 74# | 2,4-二硝基苯胺 | 每月监测2次 | 75# | 2,4-二硝基苯胺 | 每月监测2次 | 76# | 2,4-二硝基苯胺 | 每月监测2次 | 77# | 2,4-二硝基苯胺 | 每月监测2次 | 78# | 2,4-二硝基苯胺 | 每月监测2次 | 79# | 2,4-二硝基苯胺 | 每月监测2次 | 80# | 2,4-二硝基苯胺 | 每月监测2次 | 81# | 2,4-二硝基苯胺 | 每月监测2次 | 82# | 2,4-二硝基苯胺 | 每月监测2次 | 83# | 2,4-二硝基苯胺 | 每月监测2次 | 84# | 2,4-二硝基苯胺 | 每月监测2次 | 85# | 2,4-二硝基苯胺 | 每月监测2次 | 86# | 2,4-二硝基苯胺 | 每月监测2次 | 87# | 2,4-二硝基苯胺 | 每月监测2次 | 88# | 2,4-二硝基苯胺 | 每月监测2次 | 89# | 2,4-二硝基苯胺 | 每月监测2次 | 90# | 2,4-二硝基苯胺 | 每月监测2次 | 91# | 2,4-二硝基苯胺 | 每月监测2次 | 92# | 2,4-二硝基苯胺 | 每月监测2次 | 93# | 2,4-二硝基苯胺 | 每月监测2次 | 94# | 2,4-二硝基苯胺 | 每月监测2次 | 95# | 2,4-二硝基苯胺 | 每月监测2次 | 96# | 2,4-二硝基苯胺 | 每月监测2次 | 97# | 2,4-二硝基苯胺 | 每月监测2次 | 98# | 2,4-二硝基苯胺 | 每月监测2次 | 99# | 2,4-二硝基苯胺 | 每月监测2次 | 100# | 2,4-二硝基苯胺 | 每月监测2次 |
| 监测点 | 监测项目 | 监测频次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100# | 2,4-二硝基苯胺 | 每月监测2次 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

表 12 落实其他意见一览表

| 序号 | 环评意见 | 落实情况 |
|----|----------------|--|
| 1 | 设置管理机构和制定规章制度。 | <p>本项目环保管理机构为格尔木盐化（集团）有限责任公司安环科统一管理。制定了《锅炉水处理岗位应急处置》、《锅炉风险识别与应急处置》等相关制度。</p> |
| 2 | 废气排放口设置采样口。 | <p>已设置烟囱采样口。</p>  |
| 3 | 排气筒设置环保图形标志牌。 | <p>已设置标志牌。</p>  |

表五

验收监测质量保证及质量控制：

为确保检测数据的代表性、准确性和可靠性，采样、监测分析人员均持证上岗；所用仪器均经计量部门检定合格和分析人员校准合格的仪器；部分废水样品带质控样分析。

(1) 本次检测所用仪器、量器经计量部门检定（校准）合格并在有效使用期内；

(2) 检测分析方法采用国家有关部门颁布的标准（或推荐）分析方法；

(3) 样品采集、运输、保存和检测的全过程严格按照国家相关技术规范和标准分析方法的要求进行，样品均在检测有效期内。

(4) 现场采样和检测前，对本次采样所使用的 3012H 型自动烟尘(气)测试仪进行了流量校准，对烟气采样器用标气进行校准，对标准采样头进行了同步分析。

(5) 本次检测严格按照《环境监测技术规范》和《环境空气监测质量保证手册》的要求进行全过程质量控制。

(6) 本次检测前后均对噪声监测仪进行了校准，噪声仪器校准结果：仪器符合要求。

表六

验收监测内容：

1、监测项目

(1) 污染源废气：颗粒物、二氧化硫、氮氧化物、烟气黑度以及流量和含氧量。

同步记录气象参数：气压、气温、风速、风向。

(2) 噪声：等效连续 A 声级。

2、监测点位

(1) 污染源废气：燃气锅炉排气筒；

(2) 噪声：锅炉房四周。

3、监测频次

(1) 污染源废气：3 次；

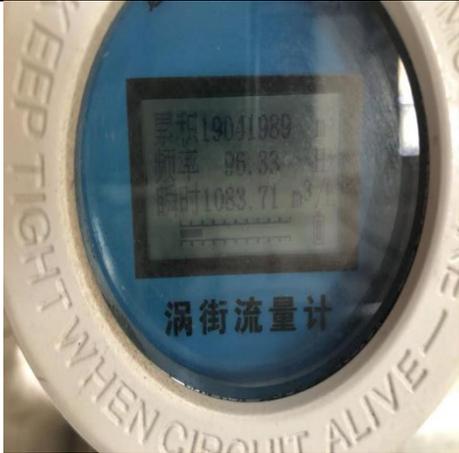
(2) 噪声：昼间和夜间。

表七

验收监测期间生产工况记录:

根据《建设项目环境保护验收指南 污染物影响类》附录 3 中 3.1 “蒸汽锅炉：负荷参数为锅炉蒸发量，以蒸汽流量表法、水表法、量水箱法测定，或根据燃料消耗量计算”的要求，本次监测废气期间统计了锅炉蒸汽流量和燃料消耗量，详见下表 13。

表 13 锅炉蒸汽和燃料流量一览表

| | |
|--|---|
|  |  |
| 蒸汽流量表 | 燃料消耗表 |

通过上表显示，监测锅炉烟气期间，锅炉蒸汽流量为 1083.71m³/h，天然气消耗量为 540.6m³/h，因此，监测烟气期间，锅炉正常运行，工况稳定。

验收监测结果:

1、废气

表 14 锅炉烟气监测结果一览表

| 检测点位 | 检测项目 | 检测结果 | | | |
|-------|--------------------------|---------------------------|------|------|------|
| | | 第一次 | 第二次 | 第三次 | |
| 锅炉排气筒 | 标干流量 (m ³ /h) | 4515 | 4510 | 4877 | |
| | 含氧量 (%) | 5.4 | 5.3 | 5.2 | |
| | 烟气黑度 (级) | <1 | <1 | <1 | |
| | 二氧化硫 | 实测浓度 (mg/m ³) | 3L | 3L | 3L |
| | | 折算浓度 (mg/m ³) | 3.4L | 3.4L | 3.4L |
| | | 排放速率 (kg/h) | -- | -- | -- |
| | 氮氧化物 | 实测浓度 (mg/m ³) | 124 | 125 | 119 |
| | | 折算浓度 (mg/m ³) | 139 | 139 | 132 |
| | | 排放速率 (kg/h) | 0.56 | 0.56 | 0.58 |
| | 颗粒物 | 实测浓度 (mg/m ³) | <20 | <20 | <20 |
| | | 折算浓度 (mg/m ³) | -- | -- | -- |
| | | 排放速率 (kg/h) | -- | -- | -- |

注：当测定结果低于方法检出限时，所报数据为该方法的检出限并加标志位 L。

通过分析上表，锅炉烟气中大气污染物排放能够满足《锅炉大气污染物排放标准》(GB13271-2014)中的燃气锅炉的相应标准。

2、噪声

表 15 噪声监测结果一览表

| 监测点位 | 日期 | 结果 L _{eq} [dB (A)] | |
|--------|-----------|-----------------------------|------|
| | | 昼间 | 夜间 |
| 1#厂界东侧 | 2020.5.12 | 44.3 | 38.9 |
| 2#厂界北侧 | | 55.8 | 42.8 |
| 3#厂界西侧 | | 55.5 | 38.8 |
| 4#厂界南侧 | | 59.3 | 39.2 |

通过分析上表数据，锅炉房厂界达到《工业企业厂界环境噪声排放标准》(GB12348-2008)中的 2 类标准要求。

表八

验收监测结论：

1、项目概况

格尔木盐化（集团）有限责任公司拆除制盐分公司原有 2 台 8t/h 燃煤锅炉，在现有锅炉房内安装 2 台 8t/h 燃气蒸汽锅炉，以及燃烧机、软化水处理器等辅助设备。

项目天然气消耗量为 123.2 万 m³/a，新鲜用水量为 1500m³/a，工业盐使用量约为 2.0t/a；项目总投资 82.89 万元，环保费用 6.5 万元，年工作时间 4500 小时。

2、污染物排放监测结果

通过监测：锅炉烟气中大气污染物排放能够满足《锅炉大气污染物排放标准》(GB13271-2014)中的燃气锅炉的相应标准；锅炉房厂界达到《工业企业厂界环境噪声排放标准》(GB12348-2008)中的 2 类标准。锅炉房排放废水通过盐桥路市政管网进入格尔木市污水处理厂处理。

3、主要污染物排放总量

本项目环评批复了两台锅炉 NO_x排放量为 5.388t/a，单台锅炉排放量为 2.694t/a；根据本次验收监测结果核算，单台锅炉 NO_x实际排放量为 2.687t/a，项目主要污染物 NO_x排放总量满足环评要求。

4、其他结论

(1) 2020年3月26日，格尔木市生态环境局以格生审（2020）9号批复了格尔木盐化（集团）有限责任公司煤改气项目环境影响报告表。

(2) 2020年2月20日，格尔木盐化（集团）有限责任公司制盐分公司申领了排污许可证，证书编号：9163280192759481X6001R。

(3) 格尔木盐化（集团）有限责任公司制定了突发环境事件应急预案，并在格尔木市生态环境局备案，

5、后续要求

加强锅炉运行期的环境管理，确保废气、废水和噪声能够达标排放。锅炉运行期间，按照排污许可证规定开展监测和信息公开工作。后期产生固废时，严格按照环评意见处理处置；修订应急预案。

6、综合结论

本项目建设与环评阶段一致，未发生重大变动内容；项目履行环评手续，申领了

排污许可证；项目采用清洁能源天然气为燃料；项目已落实环境影响报告表和批复中关于污染控制措施的要求，通过监测，项目排放废气和噪声满足排放标准限值，项目主要污染物 NO_x 排放总量满足环评要求。

格尔木盐化（集团）有限责任公司煤改气项目达到验收条件，建议项目通过竣工环境保护验收。

附件：

- 1、《格尔木市生态环境局关于格尔木盐化（集团）有限责任公司煤改气项目境影响报告表的批复》（格生审〔2020〕9号）；
- 2、检测报告；
- 3、《排污许可证》（证书编号：9163280192759481X6001R）；
- 4、《企业事业单位突发环境事件应急预案备案表》（备案编号：632801-2018-005-L“一般-大气（Q0）+一般-水（Q0）”）；
- 5、《格尔木盐化（集团）有限责任公司煤改气项目环保验收信息公开》；
- 6、建设项目工程竣工环境保护“三同时”验收登记表。

附件 1:

格尔木市生态环境局关于格尔木盐化（集团）有限责任公司
煤改气项目境影响报告表的批复

格尔木市生态环境局文件

格生审〔2020〕9号

格尔木市生态环境局 关于格尔木盐化（集团）有限责任公司煤改气 项目环境影响报告表的批复

格尔木盐化（集团）有限责任公司：

报来由山东永宏环保技术咨询有限公司编制的《格尔木盐化（集团）有限责任公司煤改气项目环境影响报告表》（以下简称《报告表》）及申请审批的相关材料收悉，经 2020 年 2 月 24 日以函审方式组织专家评审，现就有关事项批复如下：

一、格尔木盐化（集团）有限责任公司煤改气项目位于格尔木市盐桥北路 4 号，行政区划属于海西州格尔木市管辖，属于技改项目。中心地理坐标：东经 94°53'53.87"，北纬：36°26'49.95"。本项目总投资 82.89 万元，其中环保投资为 82.89 万元，占总投资的 100%。本项目主要建设内容及规模：拆除原有的 2 台 8t/h 的

燃煤锅炉，在原场地新装 2 台 8t/h 燃气蒸汽锅炉。具体建设内容、建设规模及采取的环境保护措施等以报告表核定为准。

根据报告表结论、专家评审意见，在你单位严格落实报告表及本批复提出的各项环保对策措施，切实有效做好施工期、运营期风险防范及污染防治工作的前提条件下，从环保角度原则同意该项目建设。

二、在项目设计、建设和环境管理中要认真落实《报告表》提出的各项环保要求，确保各类污染物稳定达标排放，并重点做好以下工作：

（一）拆除原有设施，应确保所有拆除产物、遗留物料、残留污染物等得到合理处置。

（二）施工期主要环境影响均来自各施工活动，其主要影响因素包括扬尘、噪声等，施工期内各项活动具有短暂性特点。须采取环境影响报告表提到的相应的控制及管理措施，将施工期环境影响控制在可接受范围内。

（三）严格落实废气治理排放控制措施，认真做好建设项目的工程分析，算清建设项目污染物排放情况，贯彻执行“达标排放”原则。运营期大气污染物主要是锅炉烟气，污染物排放浓度执行《锅炉大气污染物排放标准》（GB13271-2014）中新建锅炉大气污染物排放浓度限值。

（四）严格落实噪声污染防治措施。优化厂区平面布置，优先选用低噪声设备，合理布置高噪声设备，对高噪声机械设备采

取基础减振、消声等降噪措施。噪声执行《工业企业厂界环境噪声排放标准》(GB12348-2008)标准。

(五)按“减量化、资源化、无害化”原则落实各类固体废物的收集、处置和综合利用措施。一般工业固体废物执行《一般工业固体废物贮存、处置场污染物控制标准》(GB18599-2001)及其修改清单;危险废物执行《危险废物贮存污染物控制标准》(GB18597—2001)及其修改单有关要求,并委托有危废处置资质的单位处置,严格按照危险废物规范化管理要求进行全过程管理。

(六)严格落实水环境保护措施。运营期废水主要为锅炉排污水和软水制备浓水,经市政污水管网至格尔木市污水处理厂处理;生活污水经化粪池预处理后经市政污水管网进入格尔木市污水处理厂处理。废水执行《污水排入城镇下水道水质标准》(GB/T31962-2015)的要求,不得外排。

(七)严格落实各项环境风险防控措施,及时制订环境应急预案,并在生态环境部门备案。

(八)其他未尽事宜请严格对照《报告表》中的要求执行。

三、本项目污染物排放总量控制指标:本项目 NOx: 5.388t/a,原有燃煤锅炉的总量控制指标为 NOx: 18.82t/a,本项目产生的总量指标通过原有燃煤锅炉的总量指标进行替代。

四、你公司须根据报告表提出的环保对策措施和本批复要求,做好各项环境风险防范和污染防治工作,严格执行配套建设的环

保设施与主体工程同时设计、同时施工、同时投产使用的环保“三同时”制度。

(一)项目竣工后,按照《建设项目竣工环境保护验收暂行办法》“第十二条除需要取得排污许可证的水和大气污染防治设施外,其他环境保护设施的验收期限一般不超过3个月;需要对该类环境保护设施进行调试或者整改的,验收期限可以适当延期,但最长不超过12个月”,及时对配套建设的环境保护设施进行验收。

(二)依法申领排污许可证,持证排污。

(三)按照《国家重点监控企业自行监测及信息公开办法》的要求开展工作。

(四)项目的环境影响评价报告表经批准后,项目的性质、规模、地点、采用的生产工艺或者防治污染、防止生态破坏的措施发生重大变动的,应当重新报批建设项目的环境影响评价文件。

五、格尔木市环境监理所负责该项目施工期及运营期间的环境保护监督检查工作。

此复。

2020年3月26日



抄送:局长、各副局长,存档。

格尔木市环境保护局

2020年3月26日印

附件 2:

检测报告

 LBJ2005-78
162912050010

报告编号: LBJ2005113304

检测报告

格尔木盐化(集团)有限责任公司制盐

项目名称 分公司委托检测

委托单位 格尔木盐化(集团)有限责任公司

报告日期 2020年05月25日

青海蓝博检测科技有限公司
检验检测专用章



一、基本情况

| | | | |
|------|--|------|------------------|
| 委托单位 | 格尔木盐化(集团)有限责任公司 | | |
| 项目地址 | 格尔木市盐桥北路 002 号 | 联系人 | 王伟勇 |
| 样品来源 | 自采 | 联系电话 | 15209784762 |
| 样品类型 | 有组织废气、无组织废气、噪声 | 检测日期 | 2020 年 05 月 12 日 |
| 检测内容 | <p>(一) 检测项目</p> <p>1、有组织废气: 二氧化硫、氮氧化物、颗粒物、烟气黑度共 4 项</p> <p>2、无组织废气: 颗粒物共 1 项</p> <p>3、噪声: 厂界噪声共 1 项</p> <p>(二) 检测点位</p> <p>1、有组织废气: 锅炉废气排放口</p> <p>2、无组织废气: 厂界东侧、厂界南侧、厂界西侧、厂界北侧</p> <p>3、厂界噪声: 厂界东侧、厂界南侧、厂界西侧、厂界北侧</p> <p>(三) 检测频次</p> <p>1、有组织废气: 1 个生产周期检测 3 次</p> <p>2、无组织废气: 检测 1 天 4 次</p> <p>3、厂界噪声: 检测 1 天, 昼、夜间各检测 1 次</p> <p>(四) 采样及方法</p> <p>1、有组织废气: 《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)、《固定源废气监测技术规范》(HJ/T 397-2007)</p> <p>2、无组织废气: 《环境空气质量手工监测技术规范》(HJ 194-2017)</p> <p>3、厂界噪声: 《工业企业厂界环境噪声排放标准》(GB 12348-2008)</p> | | |

二、检测方法来源

| 检测项目 | 分析方法 | 依据标准 | 方法检出限 | 分析仪器 | 管理编号 |
|------|-----------------------------|-----------------|----------------------|---------------------|---------|
| 颗粒物 | 固定污染源排气中颗粒物测定与气态污染物采样方法 重量法 | GB/T 16157-1996 | 0.1mg/m ³ | FA2204B 电子天平 | QHLB-04 |
| 二氧化硫 | 固定污染源废气 二氧化硫的测定 定电位电解法 | HJ 57-2017 | 3mg/m ³ | ZR-3260 型自动烟尘气综合测试仪 | QHLB-67 |
| 氮氧化物 | 固定污染源废气 氮氧化物的测定 定电位电解法 | HJ 693-2014 | 3mg/m ³ | | |

续二、检测方法及来源

| 检测项目 | 分析方法 | 依据标准 | 方法检出限 | 分析仪器 | 管理编号 |
|------|--------------------|------------------------------------|-------------------------|-----------------|----------|
| 颗粒物 | 环境空气 总悬浮颗粒物的测定 重量法 | GB/T 15432-1995 | 0.001 mg/m ³ | FA2204B 电子天平 | QHLB-04 |
| 厂界噪声 | 工业企业厂界环境噪声排放标准 | GB 12348-2008 | 20.0 (dBA) (仪器检出限) | AWA6228 型多功能声级计 | QHLB-128 |
| 烟气黑度 | 污染源废气 烟气黑度 测烟望远镜法 | 《空气和废气监测分析方法》(第四版) 国家环保总局 (2007 年) | — | JCP-LGM 型测烟望远镜 | QHLB-82 |

三、检测结果

有组织废气检测结果见表 3-1; 无组织废气检测结果见表 3-2; 厂界噪声检测结果见表 3-3;

表 3-1 有组织废气检测结果

| 燃料类型 | | 天然气 | 烟道截面积 (m ²) | 0.33 | | |
|------------|---------|--------------------------|---------------------------|------|------|------|
| 检测日期 | 检测点位 | 检测项目 | 检测结果 | | | |
| | | | 第一次 | 第二次 | 第三次 | |
| 2020.05.12 | 锅炉废气排放口 | 标干流量 (m ³ /h) | 4515 | 4510 | 4877 | |
| | | 含氧量 (%) | 5.4 | 5.3 | 5.2 | |
| | | 烟气黑度 (级) | <1 | | | |
| | | SO ₂ | 实测浓度 (mg/m ³) | 3L | 3L | 3L |
| | | | 折算浓度 (mg/m ³) | 3.4L | 3.3L | 3.3L |
| | | | 排放速率 (kg/h) | — | — | — |
| | | NO _x | 实测浓度 (mg/m ³) | 124 | 125 | 119 |
| | | | 折算浓度 (mg/m ³) | 139 | 139 | 132 |
| | | | 排放速率 (kg/h) | 0.56 | 0.56 | 0.58 |
| | | 颗粒物 | 实测浓度 (mg/m ³) | <20 | <20 | <20 |
| | | | 折算浓度 (mg/m ³) | — | — | — |
| | | | 排放速率 (kg/h) | — | — | — |

表 3-2 无组织废气检测结果

| 检测日期 | 检测项目 | 检测点位 | 检测结果 (mg/m ³) | | | |
|------------|------|--------------------------------------|---------------------------|-------|-------|-------|
| | | | 第一次 | 第二次 | 第三次 | 第四次 |
| 2020.05.12 | 颗粒物 | 厂界东侧 N: 36°26'51" E: 94°55'54" | 0.368 | 0.334 | 0.287 | 0.301 |

续表 3-2 无组织废气检测结果

| 检测日期 | 检测项目 | 检测点位 | 检测结果 (mg/m ³) | | | |
|------------|------|--------------------------------------|---------------------------|-------|-------|-------|
| | | | 第一次 | 第二次 | 第三次 | 第四次 |
| 2020.05.12 | 颗粒物 | 厂界南侧 N: 36°27'19" E: 94°55'31" | 0.252 | 0.351 | 0.320 | 0.236 |
| | | 厂界西侧 N: 36°27'39" E: 94°51'50" | 0.318 | 0.301 | 0.268 | 0.368 |
| | | 厂界北侧 N: 36°26'49" E: 94°53'56" | 0.308 | 0.273 | 0.340 | 0.256 |

表 3-3 厂界噪声检测结果

| 检测日期 | 检测项目 | 检测点位 | 检测结果 Leq [dB (A)] | |
|------------|------|--------|-------------------|------|
| | | | 昼间 | 夜间 |
| 2020.05.12 | 厂界噪声 | 1#厂界东侧 | 44.3 | 38.9 |
| | | 2#厂界南侧 | 55.8 | 42.8 |
| | | 3#厂界西侧 | 55.5 | 38.8 |
| | | 4#厂界北侧 | 59.3 | 39.2 |

四、气象参数

检测期间气象参数统计表

| 检测日期 | 检测频次 | 气温 (°C) | 气压 (KPa) | 风速 (m/s) | 风向 |
|------------|-------------|---------|----------|----------|----|
| 2020.05.12 | 02:00—03:00 | 4 | 72.12 | 3.0 | 西北 |
| | 08:00—09:00 | 8 | 72.54 | 3.5 | 西 |
| | 14:00—15:00 | 16 | 72.56 | 4.0 | 西北 |
| | 20:00—21:00 | 11 | 72.41 | 2.0 | 西北 |

编制人: 李江山

审核人: 李江山

签发人: 李江山

日期: 2020.5.25

日期: 2020.5.25

日期: 2020.5.25

附件 3:

排污许可证

排污许可证

证书编号: 9163280192759481X6001R

单位名称: 格尔木盐化(集团)有限责任公司制盐分公司

注册地址: 格尔木市盐桥北路002号

法定代表人: 巩金平

生产经营场所地址: 格尔木市盐桥北路002号

行业类别: 无机盐制造, 锅炉

统一社会信用代码: 9163280192759481X6

有效期限: 自2020年02月20日至2023年02月19日止



发证机关: (盖章) 海西蒙古族藏族自治州

发证日期: 2020年02月20日

生态环境局

中华人民共和国生态环境部监制

海西蒙古族藏族自治州生态环境局印制

附件 4:

企业事业单位突发环境事件应急预案备案表

企业事业单位突发环境事件应急预案备案表

| | | | |
|---|---|------|--------------------|
| 单位名称 | 格尔木盐化(集团)有限责任公司 | 机构代码 | 91632801227580281G |
| 法定代表人 | 刘维刚 | 联系电话 | 09798463042 |
| 联系人 | 余双德 | 联系电话 | 13909792731 |
| 传 真 | 0979-8463157 | 电子邮箱 | 2452553018@qq.com |
| 地址 | 格尔木盐化(集团)有限责任公司地区特色产品“颗粒盐”技术优化扩建项目东经95° 31' 23.69"、北纬37° 08' 14.51"、3万吨加碘盐建设项目、年产20万T原盐、5万T再生盐及配套1.5万t氯化钾项目东经94° 53' 52.29"、北纬36° 26' 42.60"、年产3000万块灰砂砖项目东经94° 53' 12.13"，北纬36° 21' 53.92" | | |
| 预案名称 | 《格尔木盐化(集团)有限责任公司地区特色产品“颗粒盐”技术优化扩建项目、3万吨加碘盐建设项目、年产20万T原盐、5万T再生盐及配套1.5万t氯化钾项目、年产3000万块灰砂砖项目环境污染事件应急预案》 | | |
| 风险级别 | 一般 | | |
| <p>本单位于2018年4月9日签署发布了突发环境事件应急预案(集团)条件具备,备案文件齐全,现报送备案。</p> <p>本单位承诺,本单位在办理备案中所提供的相关文件及信息均经本单位确认属实,无虚假,且未隐瞒事实。</p> <p style="text-align: right;">(集团)有限公司 预案制定单位 (公章)</p> | | | |
| 预案签署人 | 刘维刚 | 报送时间 | 2018.5.2 |
| 突发环境事件应急预案备案文件目录 | <p>1. 突发环境事件应急预案 2. 风险评估报告</p> <p>3. 应急预案编制说明 4. 应急资源调查报告</p> <p>5. 专家评审意见 6. 应急预案评审表</p> | | |
| 备案意见 | <p>该单位的突发环境事件应急预案备案文件已于2018年5月2日收讫,文件齐全,予以备案。</p> <p style="text-align: right;">(市)环保局 备案受理部门 (公章) 2018年5月2日</p> | | |
| 备案编号 | 632801-2018-005-2"-一般-大气(Q0)-一般-水(Q0)" | | |
| 报送单位 | 格尔木盐化集团有限公司 | | |
| 受理部门负责人 | 张亚军 | 经办人 | 张亚军 |

附件 5:

项目环保验收信息公开

附件 6:

建设项目工程竣工环境保护“三同时”验收登记表

填表单位(盖章): 格尔木盐化(集团)有限责任公司

填表人(签字):

项目经办人(签字):

| | | | | | | | | | | | | | |
|------------------------|-----------------|----------------------|---------------|---|------------|--------------|--------------|--------------|------------------|-------------|--------------|---------------|-----------|
| 建设项目 | 项目名称 | 格尔木盐化(集团)有限责任公司煤改气项目 | | | | 建设地点 | 格尔木市盐桥北路4号 | | | | | | |
| | 建设单位 | 格尔木盐化(集团)有限责任公司 | | | | 邮编 | 816000 | 联系电话 | | | | | |
| | 行业类别 | D4430 热力生产和供应 | 建设性质 | <input type="checkbox"/> 新建 <input checked="" type="checkbox"/> 改扩建 <input type="checkbox"/> 技术改造 | | 建设项目开工日期 | 2020年4月1日 | 投入试运行日期 | 2020年5月12日 | | | | |
| | 设计生产能力 | 2台8t/h燃气锅炉 | | | | 实际生产能力 | 2台8t/h燃气锅炉 | | | | | | |
| | 投资总概算(万元) | 82.89 | 环保投资总概算(万元) | 82.89 | 所占比例% | 100 | 环保设施设计单位 | 泰山集团股份有限公司 | | | | | |
| | 实际总投资(万元) | 82.89 | 实际环保投资(万元) | 6.5 | 所占比例% | 7.8 | 环保设施施工单位 | 泰山集团股份有限公司 | | | | | |
| | 环评审批部门 | 格尔木市生态环境局 | 批准文号 | 格生审(2020)9号 | | 批准时间 | 2021年2月25日 | 环评单位 | 山东永宏环保技术咨询有限公司 | | | | |
| | 初步设计审批部门 | / | 批准文号 | / | | 批准时间 | / | 环保设施监测单位 | 青海蓝博检测科技有限公司 | | | | |
| | 环保验收审批部门 | / | 批准文号 | / | | 批准时间 | / | | | | | | |
| | 废水治理(万元) | 2 | 废气治理(万元) | 4 | 噪声治理(万元) | 0.5 | 固废治理(万元) | | 绿化及生态(万元) | | 其它(万元) | | |
| 新增废水处理设施能力 | / | | | | 新增废气处理设施能力 | / | | | 年平均工作时 | 4800h/a | | | |
| 污染物排放达标与总量控制(工业建设项目详填) | 污染物 | 原有排放量(1) | 本期工程实际排放浓度(2) | 本期工程允许排放浓度(3) | 本期工程产生量(4) | 本期工程自身削减量(5) | 本期工程实际排放量(6) | 本期工程核定排放量(7) | 本期工程“以新带老”削减量(8) | 全厂实际排放总量(9) | 全厂核定排放总量(10) | 区域平衡替代削减量(11) | 排放增减量(12) |
| | 颗粒物 | 28.13 | <20 | 20 | - | - | - | - | - | - | - | - | - |
| | SO ₂ | 72.21 | 3L | 50 | - | - | - | - | - | - | - | - | - |
| | NO _x | 18.82 | 139 | 200 | 2.687 | 0 | 2.687 | 2.687 | 16.133 | 2.687 | 2.687 | 0 | -16.133 |

注:1、排放增减量(+)表示增加(-)表示减少。2、(12)=(6)-(8)-(11) (9)=(4)-(5)-(8)-(11)+(1) 3、计量单位:废水排放量——万吨/年;废气排放量——万标立方米/年;工业固体废物排放量——万吨/年;水污染物排放浓度——毫克/升;大气污染物排放浓度——毫克/立方米;水污染物排放量——吨/年;大气污染物排放量——吨