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3.3 ..... 25
3.4 ..... 25
3.5 ..... 45
3.6 ..... 56
3.7 ..... 65
3.8 ..... 70
4 ..... 71
4.1 ..... 71
4.2 ..... 71
4.3 ..... 72
4.4 ..... 72
4.5 ..... 90
4.6 ..... 91
4.7 ..... 102
4.8 ..... 106
5 ..... 109
5.1 ..... 109
5.2 ..... 109
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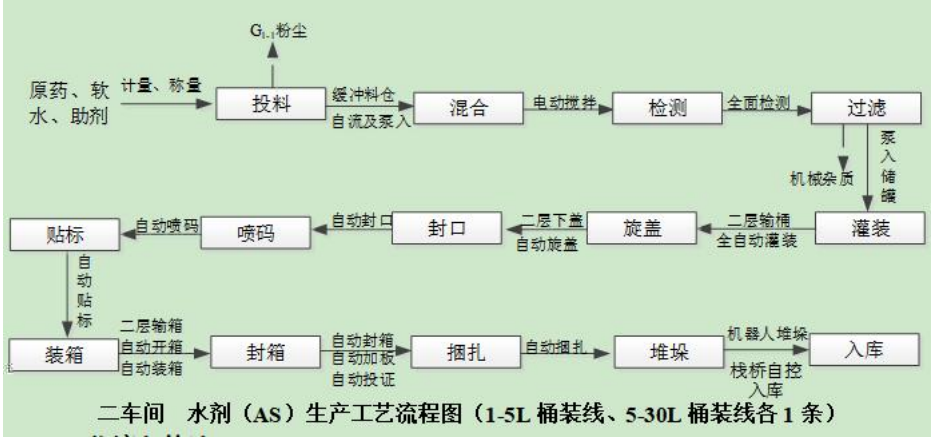

二车间　水剂（AS）生产工艺流程图（1-5L 桶装线、5-30L 桶装线各 1 条）

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## 3.5.2

WP) WDG

GR

**1** **WP**

WP

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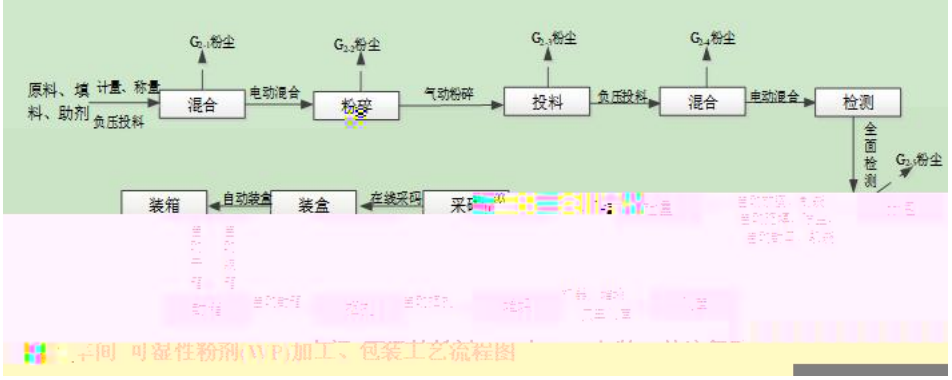
原料、填料、助剂
计量、称量
负压投料
混合
电动混合
粉碎
气动粉碎
投料
负压投料
混合
电动混合
检测
全面检测
装箱
自动装盒
装盒
在线采码

## 2 WDG

WDG

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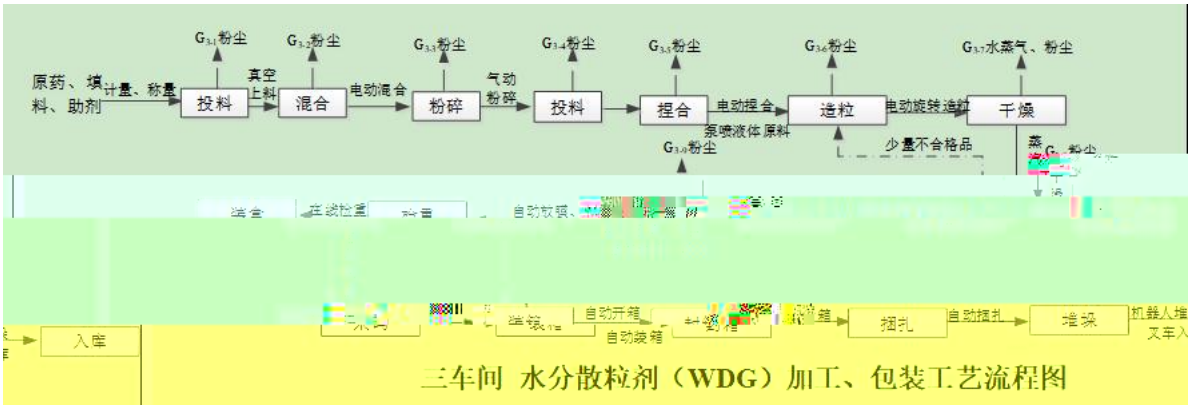
原药、填料、助剂
计量、称量
投料
真空上料
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电动混合
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气动粉碎
投料
捏合
电动捏合
泵喷液体原料
造粒
电动旋转造粒
干燥
少量不合格品
入库
自动开箱
自动装箱
扭扎
自动扭扎
堆垛
三车间 水分散粒剂（WDG）加工、包装工艺流程图

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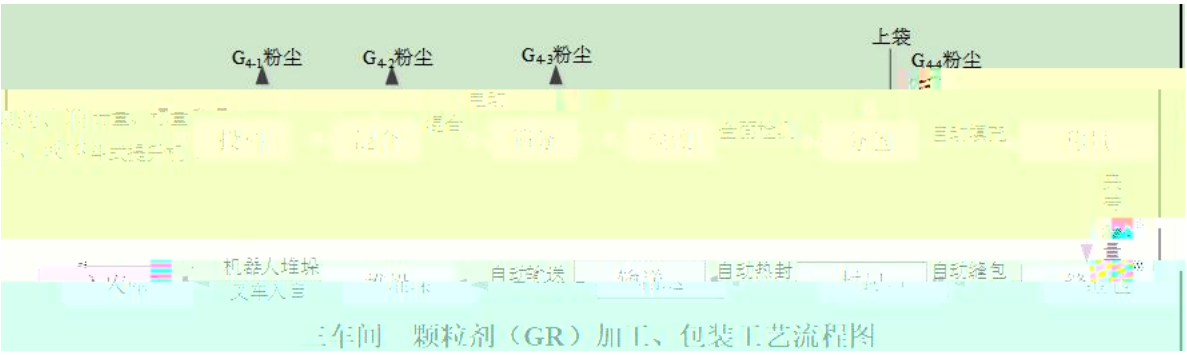


三车间 颗粒剂（GR）加工、包装工艺流程图

## 3.5.3

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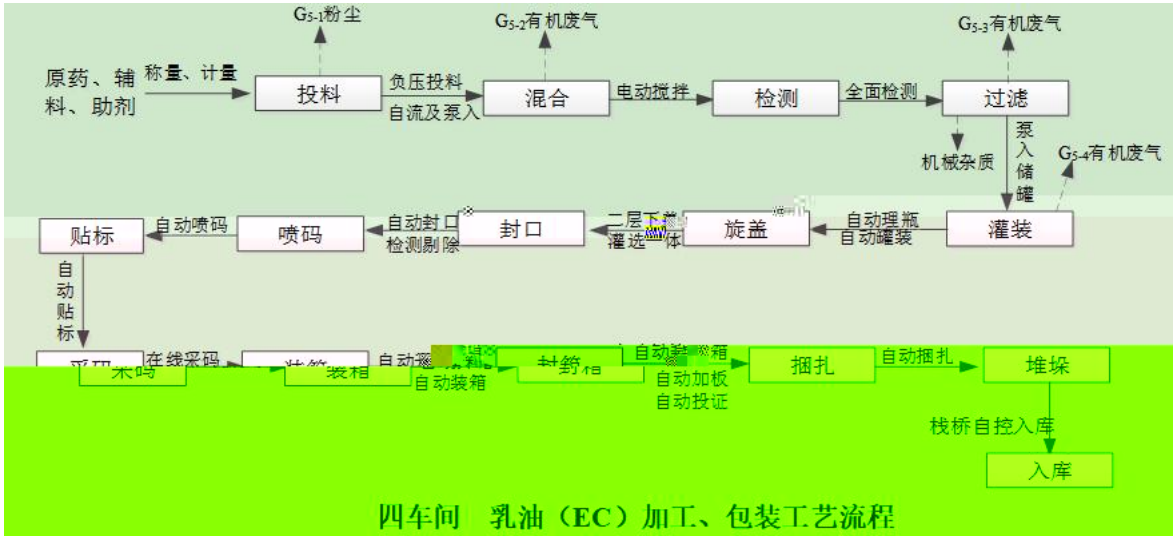

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## 3.5.4

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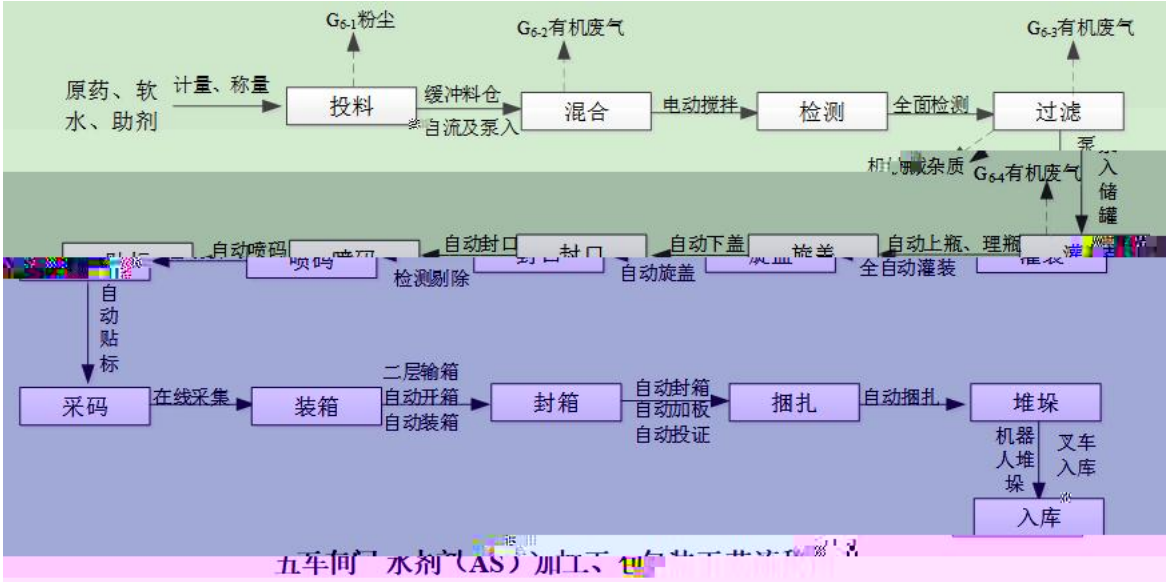


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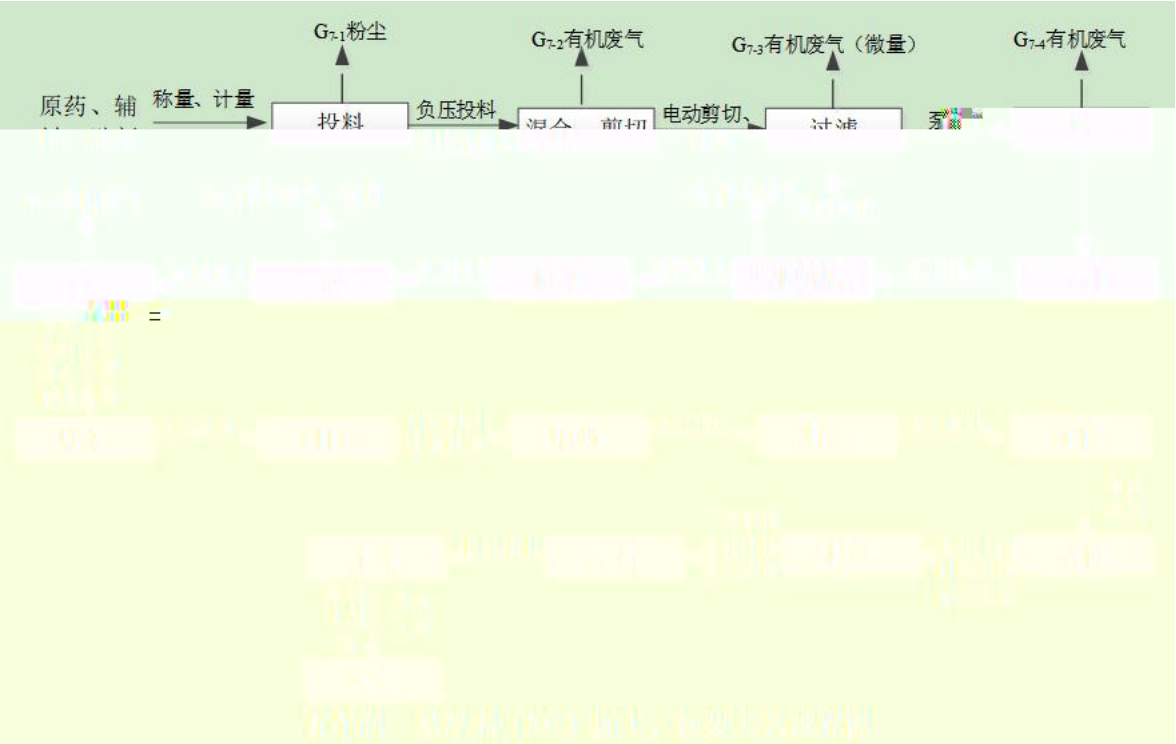


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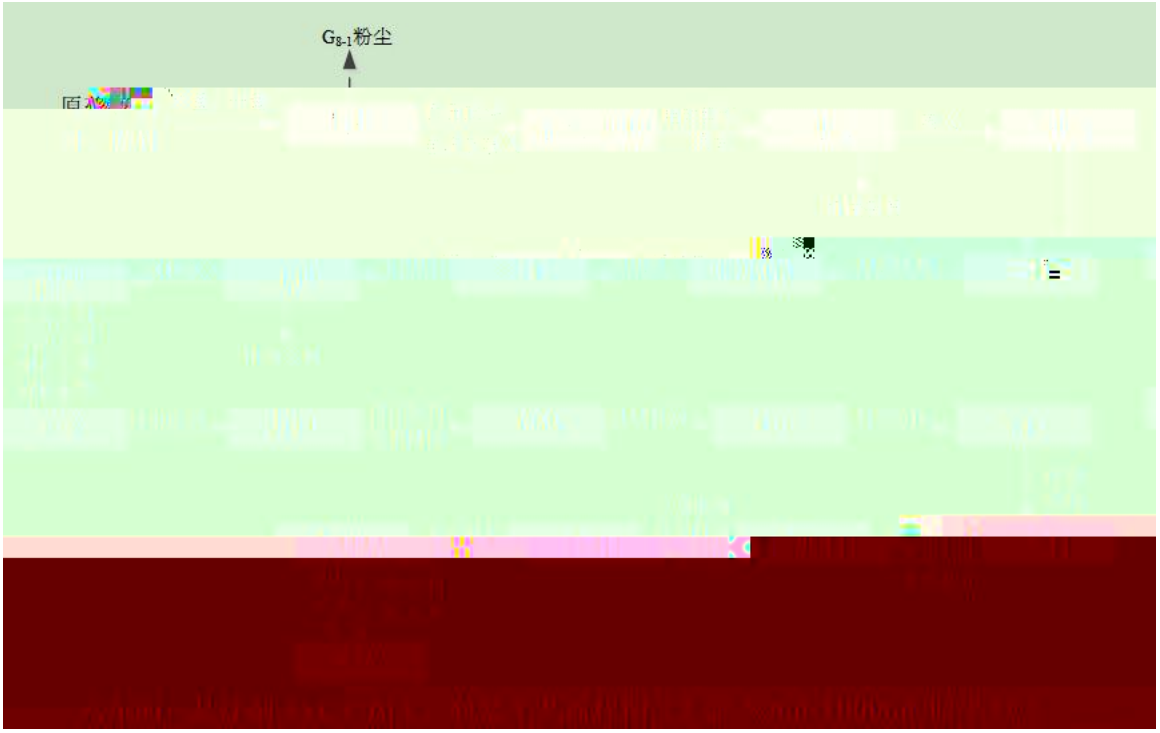
## 3.5.5

SC

1 SC 2 50ml—1000ml

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## 3.5.6

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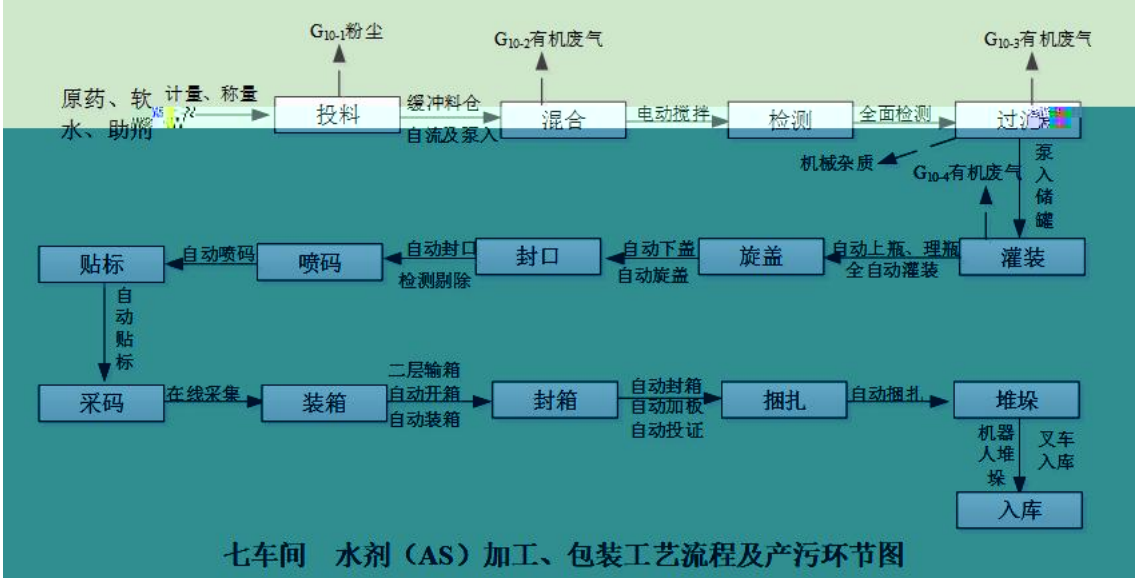
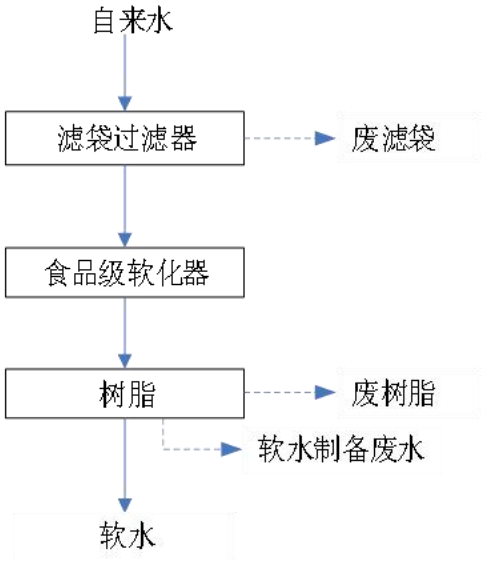



七车间 水剂（AS）加工、包装工艺流程及产污环节图

### 3.5.7

7294.06m³/a 1.01t/h “ + ”

75% 20t/h




## 3.6

### 3.6.1

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### 3.6.2

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WDG 4000t/a

40 ~50

2500t/a

90% 5850m3/a

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13144.06m³/a 5850m³/a

7294.06m³/a 1 20m³/h + 75%

9725.41m³/a 2431.35m³/a COD50mg/L SS100mg/L

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600m³/a 0.8 480m³/a

COD SS TP

5000mg/L 1000mg/L 300mg/L 70mg/L 100mg/L 30mg/L 5mg/L 2mg/L

4

1 10 3m³ 90m³

0.8 72m³/a

3 32% 2:1

10 6m³ 3t 180m³ 90t/a

61.2m³/a 0.8 193m³/a

5

564m³ 28

15792m³/a

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100 100L/ ·d 300

3000m³/a 0.8 2400m³/a

COD SS TP 500mg/L 400mg/L 45mg/L 70mg/L 5mg/L

100mg/L

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## 3.6.3

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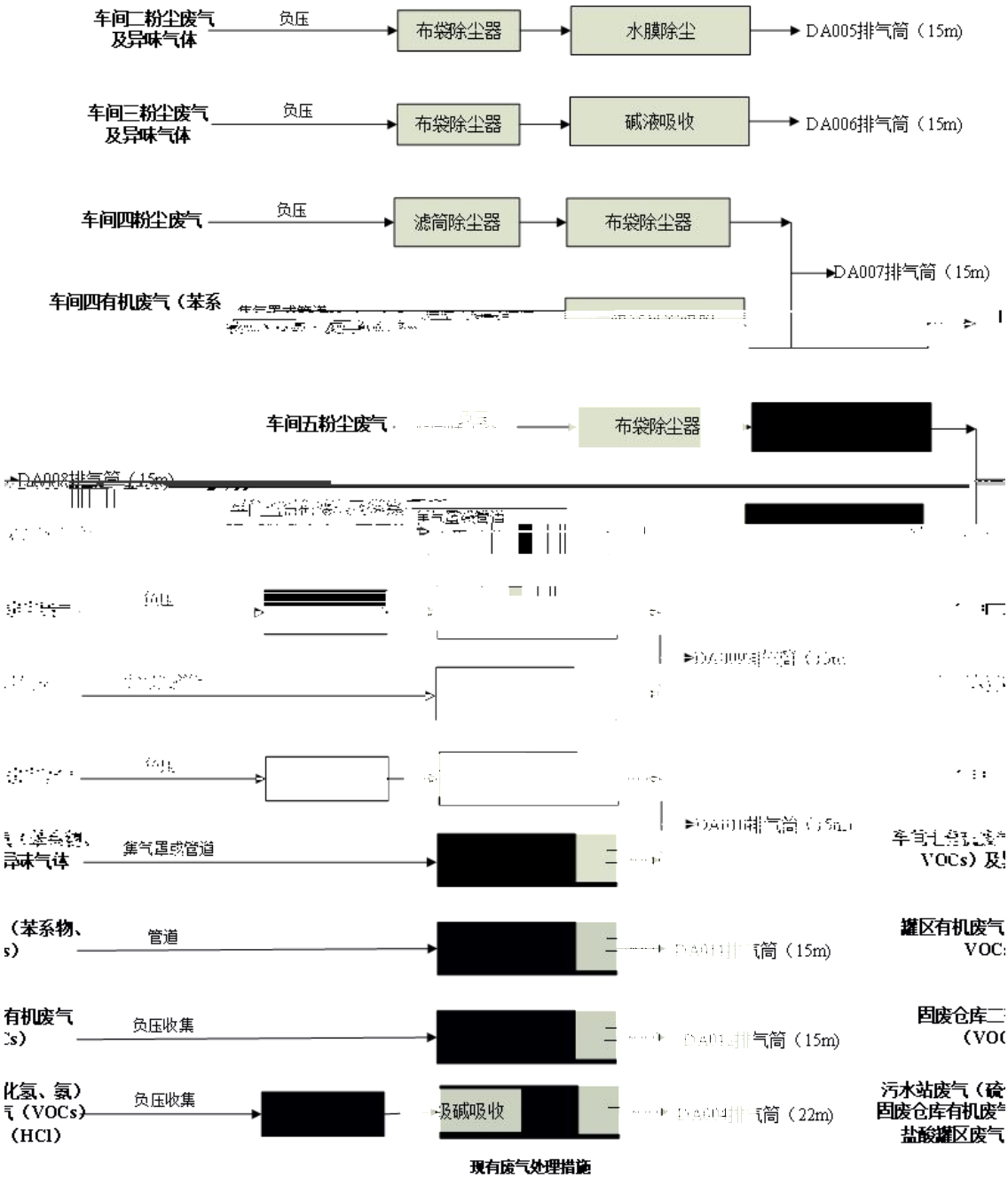
## 3.7

### 3.7.1

3.7-1




3.7-1

+ 15m

DA005

+ 15m

DA006

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09 15m DA009

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A010 VOCs
15m DA010
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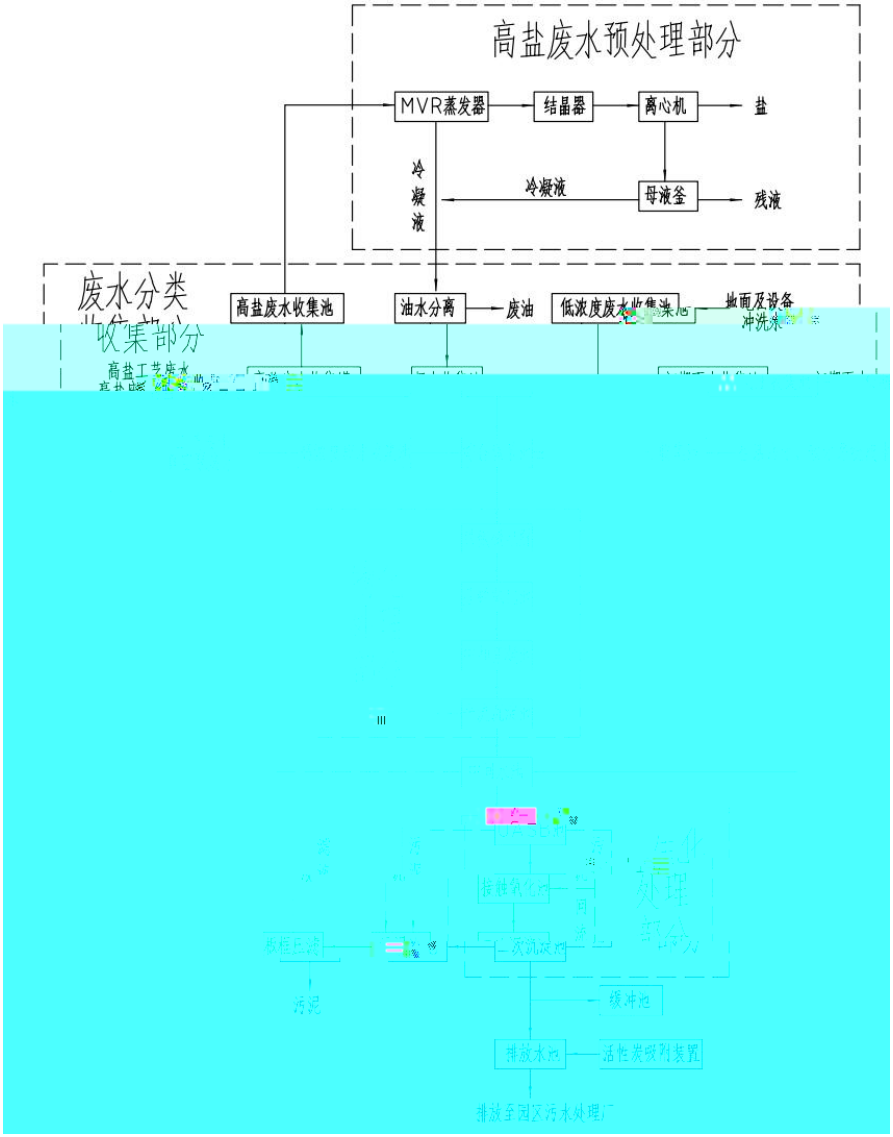
VOCs 15m DA01
2
+
22m DA004

## 3.7.2

300000m³/a 2 500t/d 55592.11m³/a 185.31
m³/d 300d 314.69m³/d
75.6m³/d 24.02%




3.7-2

COD80% 60% SS40% 50% 50% 50% 60%

40% COD666.7mg/L 19.1mg/L S389.4mg/L 9mg/L

21.1mg/L 3.5mg/L 214.4mg/L 1.5mg/L 3.2mg/L 10.6mg/L

COD133.3mg/L 7.6mg/L

SS233.6mg/L 4.5mg/L 10.8mg/L 1.8mg/L 214.4mg/L 1.5mg/L

1.9mg/L 4.2mg/L

## 3.7.3

70m²

GB18599-2020

350m² 2m 3 700m²

10.02t/a

700㎡

736㎡ 2m 3

1472m³ 47.35t/a

1472m³

3.7-2

3.7-2

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## 3.7.4

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## 3.7.5

3.7-3 “ ”

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## 3.8

3.8-1

3.8-1 t/a

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## 4.1

### 4.1.1

### 4.1.2

## 4.2

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4.2-1.1

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## 4.3

## 4.4

### 4.4.1

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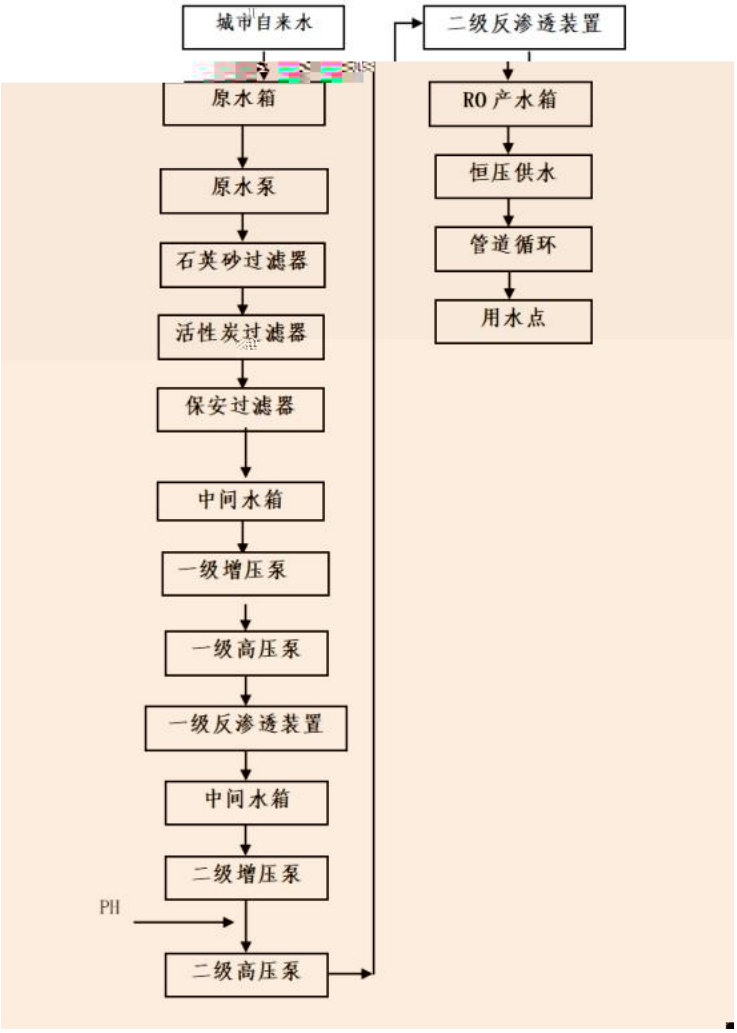


10m³/h

6m³/h 6t/h 75%

| 软水处理装置 | | | | | |
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| 水质基本 | 电导率 | 硬度 | 钙离子 | 镁离子 | 铁离子 |
| /L | 690us.cm | 177mg/L | 40.2mg/L | 16.9mg/L | 0.2mg/ |

## 4.6

### 4.6.1

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## 4.6.2

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13144.06m³/a 5850m³/a

7294.06m³/a 1 6m³/h “ +

+ + ” 75% 9725.41m³/a

2431.35m³/a

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4.6.2-1

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1408.092m³/a 1126.42m³/a

231.68m³/a 185.4 m³/a

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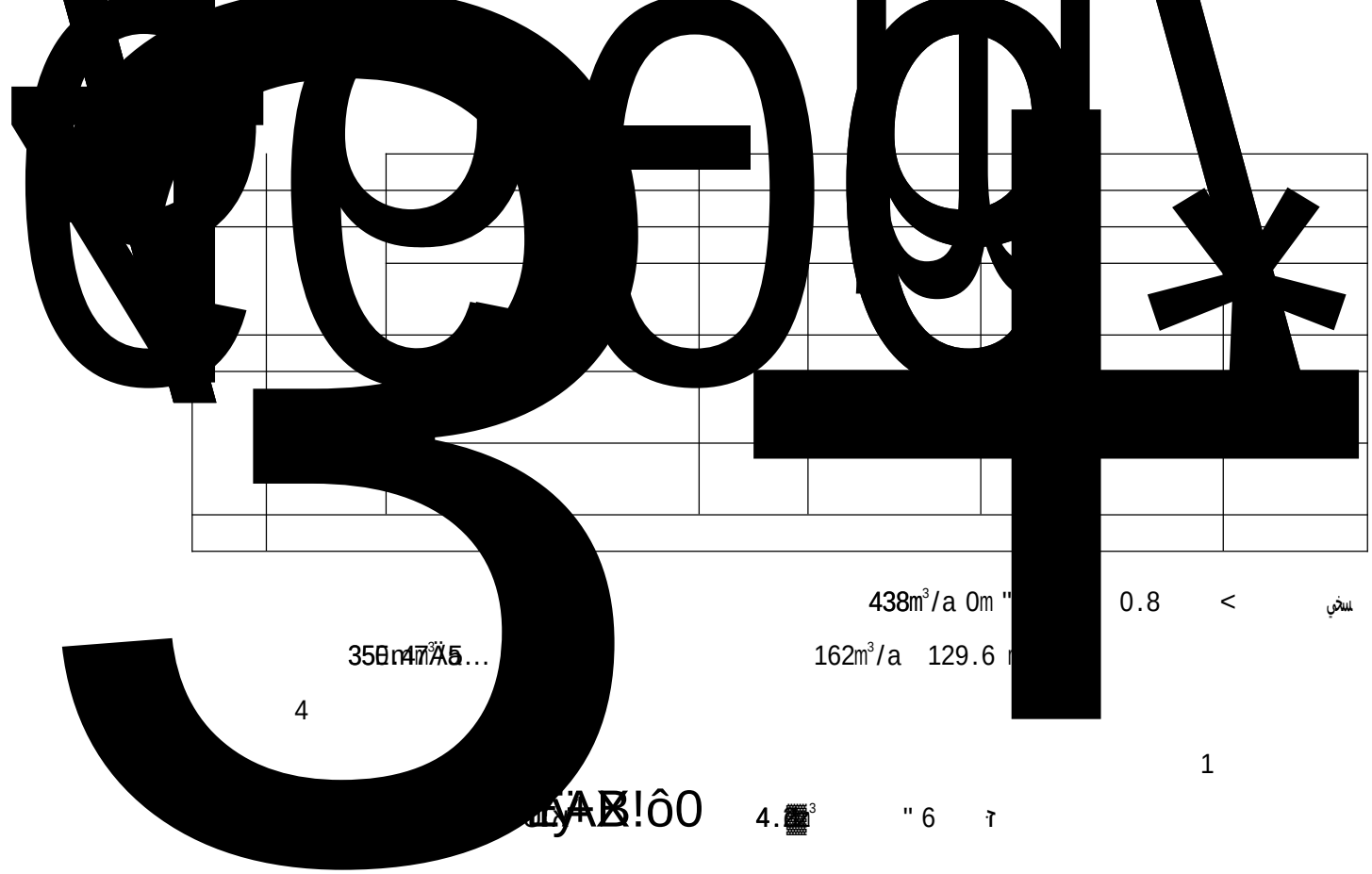
438m³/a 0m "
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162m³/a 129.6
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## 4.6.3

4.6.3-1

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## 4.7

### 4.7.1

“ + ” 15m DA005

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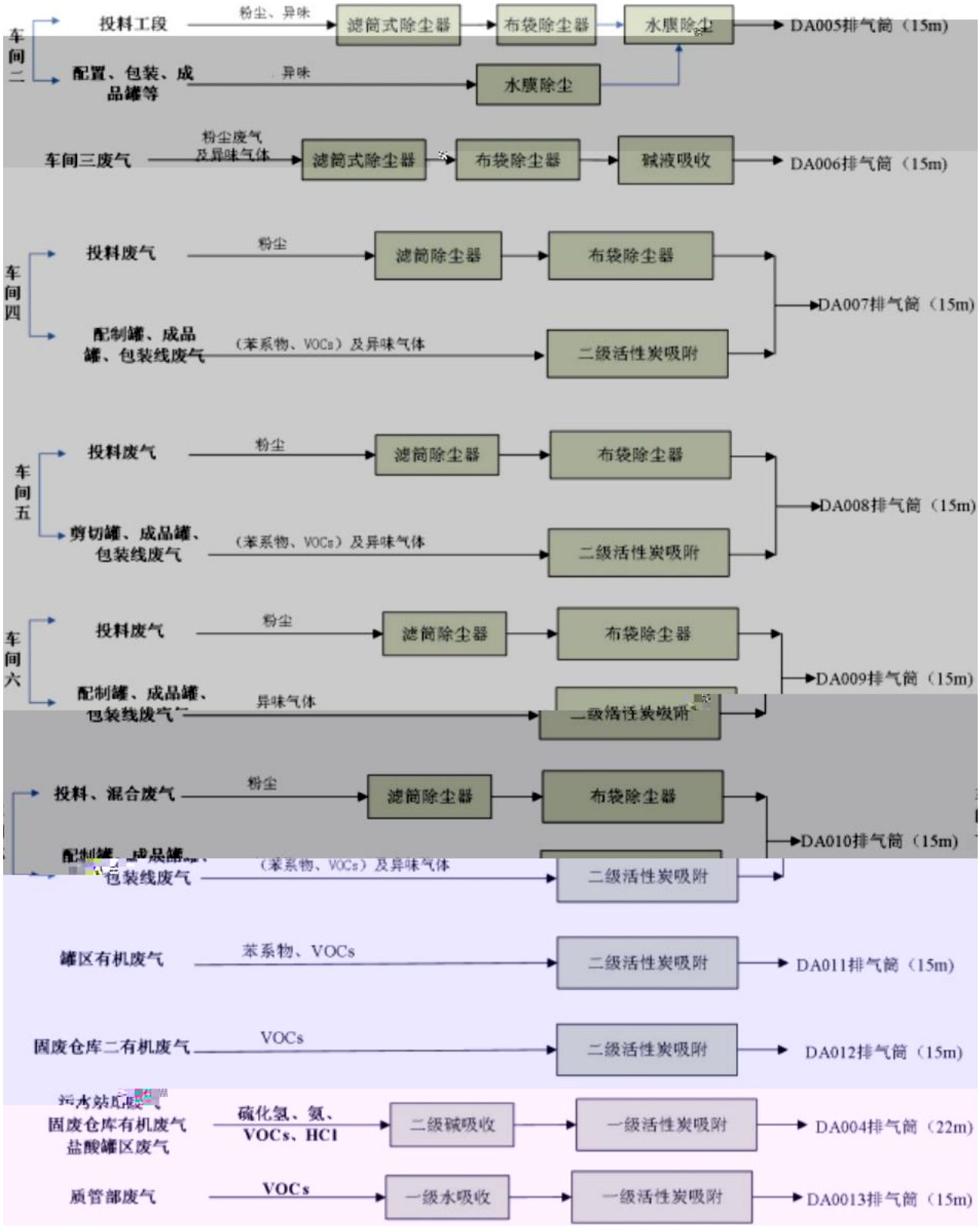
1 “ + ”

15m DA013

4.7.1-1


车间二
投料工段
粉尘、异味
滤筒式除尘器
布袋除尘器
水膜除尘
DA005排气筒（15m）
配置、包装、成品罐等
异味
水膜除尘
车间三废气
粉尘废气及异味气体
滤筒式除尘器
布袋除尘器
碱液吸收
DA006排气筒（15m）
车间四
投料废气
粉尘
滤筒除尘器
布袋除尘器
DA007排气筒（15m）
配制罐、成品罐、包装线废气
（苯系物、VOCs）及异味气体
二级活性炭吸附
车间五
投料废气
粉尘
滤筒除尘器
布袋除尘器
DA008排气筒（15m）
剪切罐、成品罐、包装线废气
（苯系物、VOCs）及异味气体
二级活性炭吸附
车间六
投料废气
粉尘
滤筒除尘器
布袋除尘器
DA009排气筒（15m）
配制罐、成品罐、包装线废气
异味气体
二级活性炭吸附
投料、混合废气
粉尘
滤筒除尘器
布袋除尘器
DA010排气筒（15m）
包装线废气
（苯系物、VOCs）及异味气体
二级活性炭吸附
罐区有机废气
苯系物、VOCs
二级活性炭吸附
DA011排气筒（15m）
固废仓库二有机废气
VOCs
二级活性炭吸附
DA012排气筒（15m）
固废仓库有机废气
盐酸罐区废气
硫化氢、氨、VOCs、HCl
二级碱吸收
一级活性炭吸附
DA004排气筒（22m）
质管部废气
VOCs
一级水吸收
一级活性炭吸附
DA0013排气筒（15m）

4.7.1-1

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$m^3/d$

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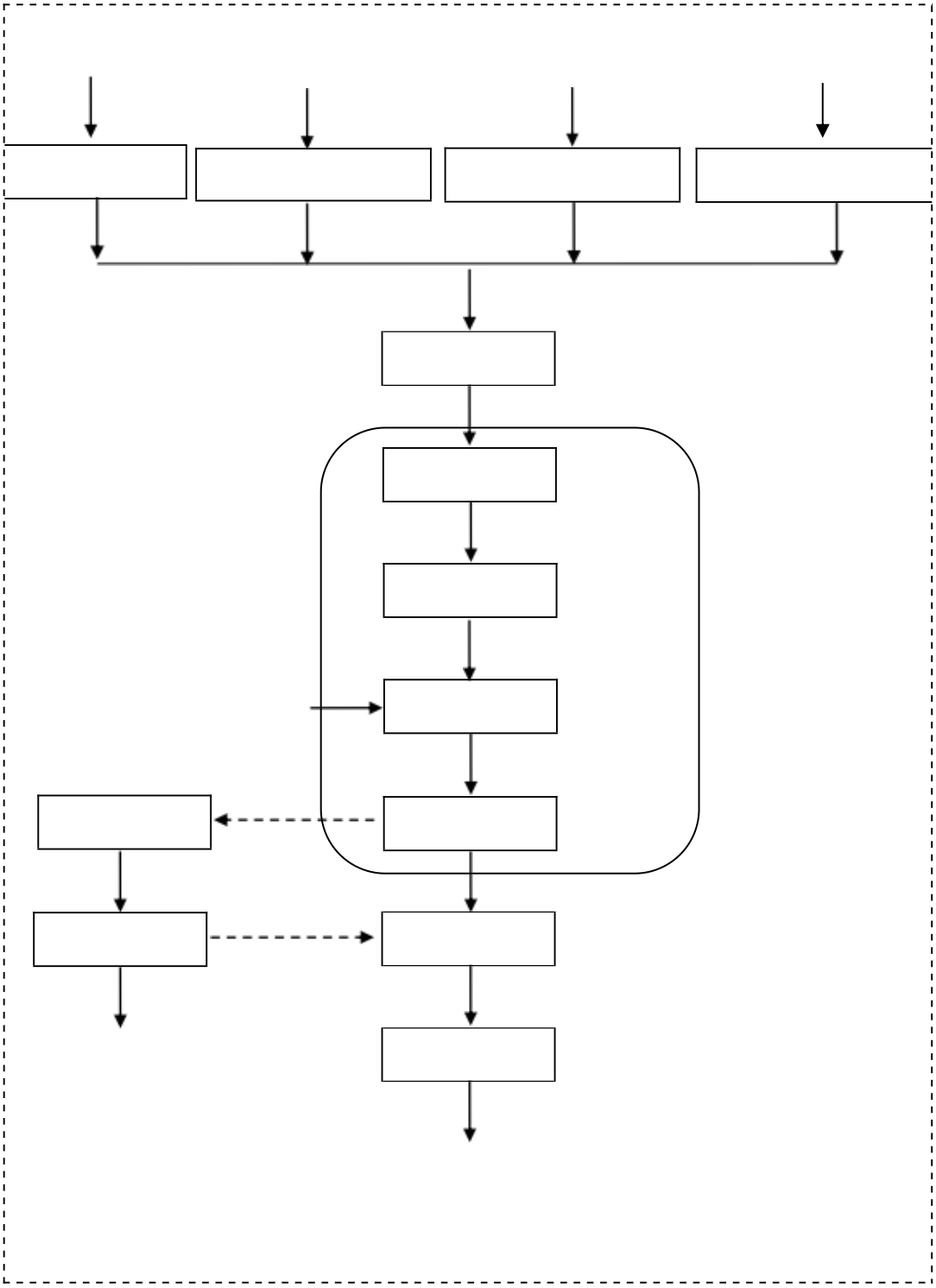

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4.8-1 t/a

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95% 95%

4.6-1.1

4.6-1.2

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TDS “ MVR

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+UASB+ + + ” 3.7-2

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500m³/d 55592.11m³/a

185.31m³/d 300d

5.2.1-5

2

5.2.1-5

22680.17㎥/a　　75.6㎥/d

5.2.1.2-2

5.2.1.2-3

③

4.6.3-1

## 5.2.2

5.2.2-1

5.2.2-1 t/a

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## 5.3

### 5.3.1

### 5.3.2

### 5.3.3

15.6t/a

7.2t/a， 0.02t/a 4.6.3-1

64.59t/a 300 / 15 3.3t 350㎡

735.18㎡ 3 1 244.86㎡ 3

[2014]232 “ 15 ”

1t/a 1t/a 0.3t/a 70㎡

### 5.3.4

75~95dB(A) GR

5.3.5

5.3.6

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[2018]6

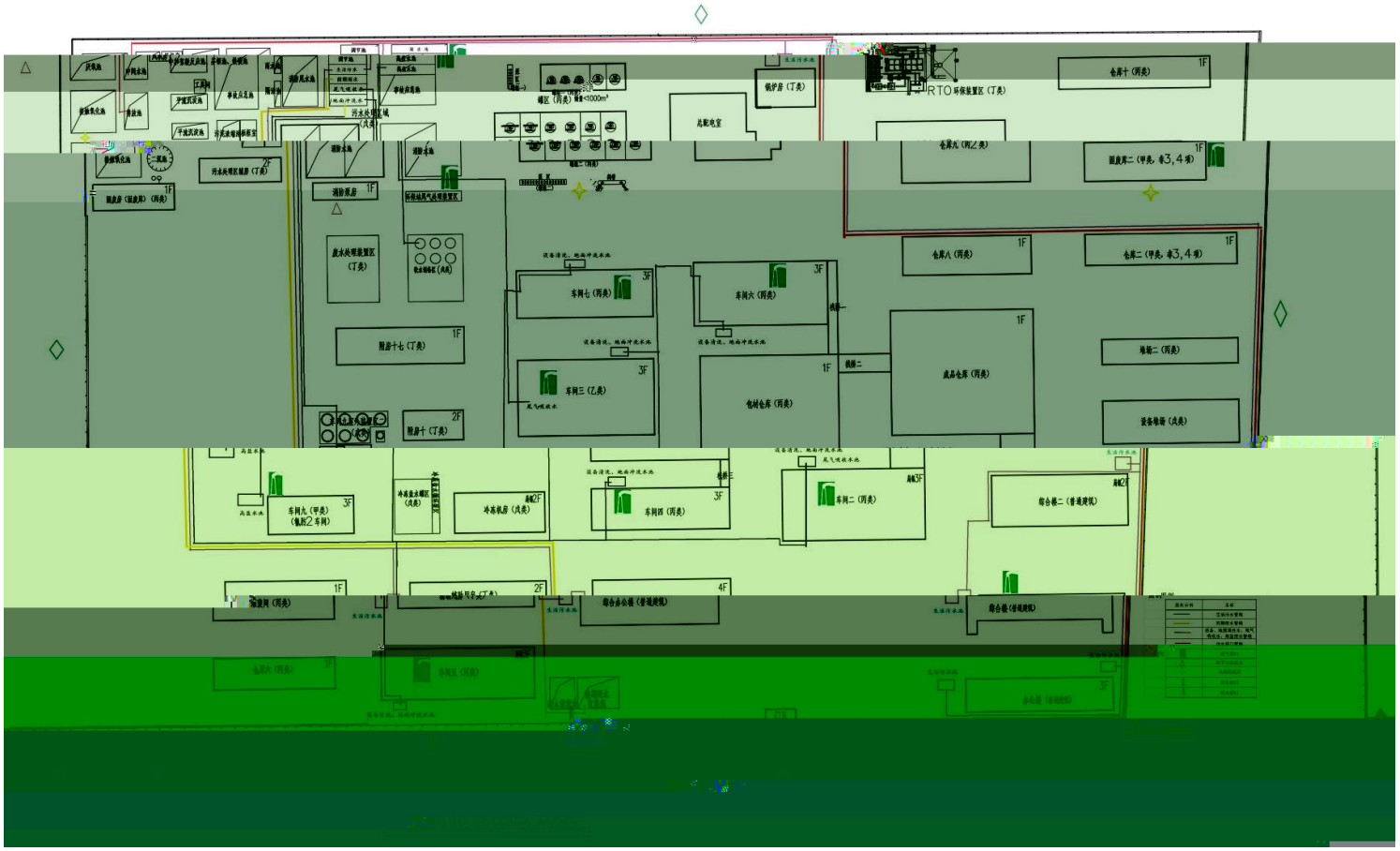
## 6.2

## 6.3

## 6.4

[2018]6

[2021]122 51600


RTO环保装置区（丁类）
锅炉房（丁类）
总配电室
仓库十（丙类）
仓库九（丙乙类）
原皮库二（甲类，者3,4项）
仓库八（丙类）
仓库二（甲类，者3,4项）
车间七（丙类）
车间六（丙类）
成品仓库（丙类）
地板二（丙类）
设备修理（戊类）
车间三（乙类）
包材仓库（丙类）
附房十七（丁类）
附房十（丁类）
皮水处理装置区（丁类）
污水处理区辅房（丁类）
原皮房（原皮库）（丙类）
车间九（甲类）（包括2车间）
冷冻机房（戊类）
车间四（丙类）
车间二（丙类）
综合楼二（普通建筑）
综合楼（普通建筑）
综合办公楼（普通建筑）
车间五（丙类）
办公楼（普通建筑）

合同编号： ZSHB-20240015

# 废水处理委托合同

项 目 名 称：废水处理

委托方（甲 方）：连云港立本作物科技有限公司

受托方（乙 方）：连云港智水环保科技有限公司

签 订 时 间：2024年6月1日

扫描全能王 创

为确保企业废水得到有效处理，连云港智水环保科技

第四条 乙方在甲方废水管道末端按照一企一管安装在线监控仪对甲方废水进行在线检测与计量。

第五条 水费价格和结算方式。乙方根据甲方夹水水质、水量收费，按照以下标准计算。

1、符合替换标准的废水处理费为 19.5 元/吨。

2、结算方式：根据甲方的水量、水质进行计量收费，实行按日结算，包括以下内容：

（1）固定废水处理费=日实际排水量×19.5 元；

（2）实行预交费制度，甲方需在确保上月污水处理费账户余额充足，当甲方账户余额不足时，乙方提前一周通知甲方。如甲方对水量有疑问，必须在每月 8 日前以书面形式提出异议。逾期不缴的，乙方有权停止甲方排水。

第六条 双方的权利和义务。

1、甲方必须确保排放的废水在任何时候都符合第一条



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款之约定。甲方如遇突发事件可能影响协议所规定的废水水质时，必须第一时间以书面或电话通知乙方做好应急准备。乙方一旦发现甲方排放超标废水，乙方可以拒绝接收。

2、乙方接受委托后，必须确保甲方所排放的达标废水得到有效处理，如因乙方管理不善而引起的超标排放的后果由乙方承担全部责任。

3、双方对各自所属废水处理设施及管道进行日常维护保养，确保正常运行。

4、为确保废水处理系统正常[illegible]实际情况确定送水时间和水量，甲方须遵照执行。甲方在规定排放时间以外排水造成乙方污水处理设施或附属设施超负荷运行所产生的损失由甲方承担赔偿责任。

5、如甲方的排放废水水质、水量发生重大变化，须提前告知乙方，待得到乙方同意后方可继续排放，否则乙方有权拒收或终止协议。

第七条 水质监测。

1、水质水量以在线数据为主，甲方如对乙方水质化验结果有异议时，须在3日内与乙方将留存样共同送至第三方[illegible]有资质单位检测，并以此结果结算费用。仲裁化验费用由数据失准的一方承担。

第八条 违约责任。

1、当甲方所排废水水质不符合约定时，则按照以下办法处理：

如甲方排放超标废水，甲方须另外支付超标废水处理费，并视情节轻重，停水1-4周，待甲方整改合格后方可打水；如对乙方设施造成损坏的，甲方须赔偿损失，乙方有权终止协议，并追究法律责任。



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2、甲方未经乙方同意擅自接入其他单位废水的，甲方须承担废水处理费用，乙方有权终止协议。

第九条 因不可抗事件引起该协议全部或部分条款无法履行，则违约方不承担任何赔偿责任，双方可协商解决。

第十条 本协议签订后，原协议或协议自动作废。本协议有效期自 2024 年 2 月 1 日起至 2024 年 12 月 31 日。

第十一条 本协议一式两份，甲、乙双方各执一份。

签字页

买 方 ： 连云港立[illegible]物科技有限公司 （盖章）

通讯地址： 江苏省灌南县堆沟港镇（化学工业园区）

联系电话： 0518-80028004

开 户 行： 中国农业银行连云港灌南堆沟港支行

银行账号： 10448701040000278（行号：1033082[illegible]

附件 1

# 连云港智水环保科技有限公司接管标准

| 序号 | 污染物名称 | 接管标准 | 备注 |
| --- | --- | --- | --- |
| 1 | pH | 6-9 | |
| 2 | 色度 | 200 倍 | |
| 3 | 悬浮物（SS） | 400 mg/L | |
| 4 | 五日生化需氧量（$BOD_5$） | >30 mg/L | |
| 5 | [illegible] | [illegible] | [illegible] |

| 序号 | 污染物名称 | 接管标准 | 备注 |
| --- | --- | --- | --- |
| 33 | 三氯乙烯 | 0.3 mg/L | |
| 34 | 四氯乙烯 | 0.1 mg/L | |
| 35 | 苯 | 0.1 mg/L | |
| 36 | 甲苯 | [illegible] | |