

1	.....	1
1.1	.....	1
1.2	.....	2
1.3	.....	5
1.4	.....	5
1.5	.....	8
1.6	.....	8
2	.....	9
2.1	.....	9
2.2	.....	14
2.3	.....	23
2.4	.....	28
2.5	.....	32
2.6	.....	54
3	.....	74
3.1	.....	74
3.2	.....	85
3.3	.....	95
3.4	.....	116
3.5	.....	141
3.6	.....	144
4	.....	157
4.1	.....	157
4.2	.....	170
4.3	.....	186
5	.....	190

5.1	.....	190
5.2	.....	200
5.3	.....	203
5.4	.....	206
5.5	.....	213
5.6	.....	223
5.7	.....	224
5.8	.....	225
5.9	.....	240
6	.....	241
6.1	.....	241
6.2	.....	268
6.3	.....	276
6.4	.....	277
6.5	.....	284
6.6	.....	286
6.7	.....	308
6.8	“ ”	308
7	.....	312
7.1	.....	312
7.2	.....	312
7.3	.....	313
8	.....	314
8.1	314
8.2	316
8.3	328
9	334

9.1	334
9.2	334
9.3	335
9.4	336
9.5	338
9.6	339
9.7	339
9.8	339
9.9	339



! " "!" "

"

#

%

" "")

(

)

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!!

!"

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!(

!)

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" %! □

" %! □

" %#□

! ! □

" #□

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" " ! "

" " " !

! (

" " ")

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1

2

3

" " ((

" " ! ! ""

("

%

" " !

! □ (

! % □

" ! □ !

1.2

1.2.1

2024

2012

2012

2013

2013

[2021]45

1.2.2

50.4km²

2021-2035

2021-2035

2023 8 22

[2023]63

20

50.4

3+2+2

1.2.3 “ ”

1

[2020]1

[2018]74

2

2022

GB3095-2012

SO₂

NO₂

CO

PM₁₀

4

PM

GB3838-2002 IV
GB3096-2008 3
GB/T 14848-2017 1

GB36600-2018

GB18918-2002 1 A

IV

3

3

4

(2022)

2022

<

2022 >

[2022]55

[2020]49

1.2.4

[2014]128

119

[2019]53

2021 65

2021 11 2

2022 1 24

VOCs

2022 218

GB33372-2020

<

> GB37822-2019

2019 55

VOCs

2020 11

([2020]101)

1.3

1

2

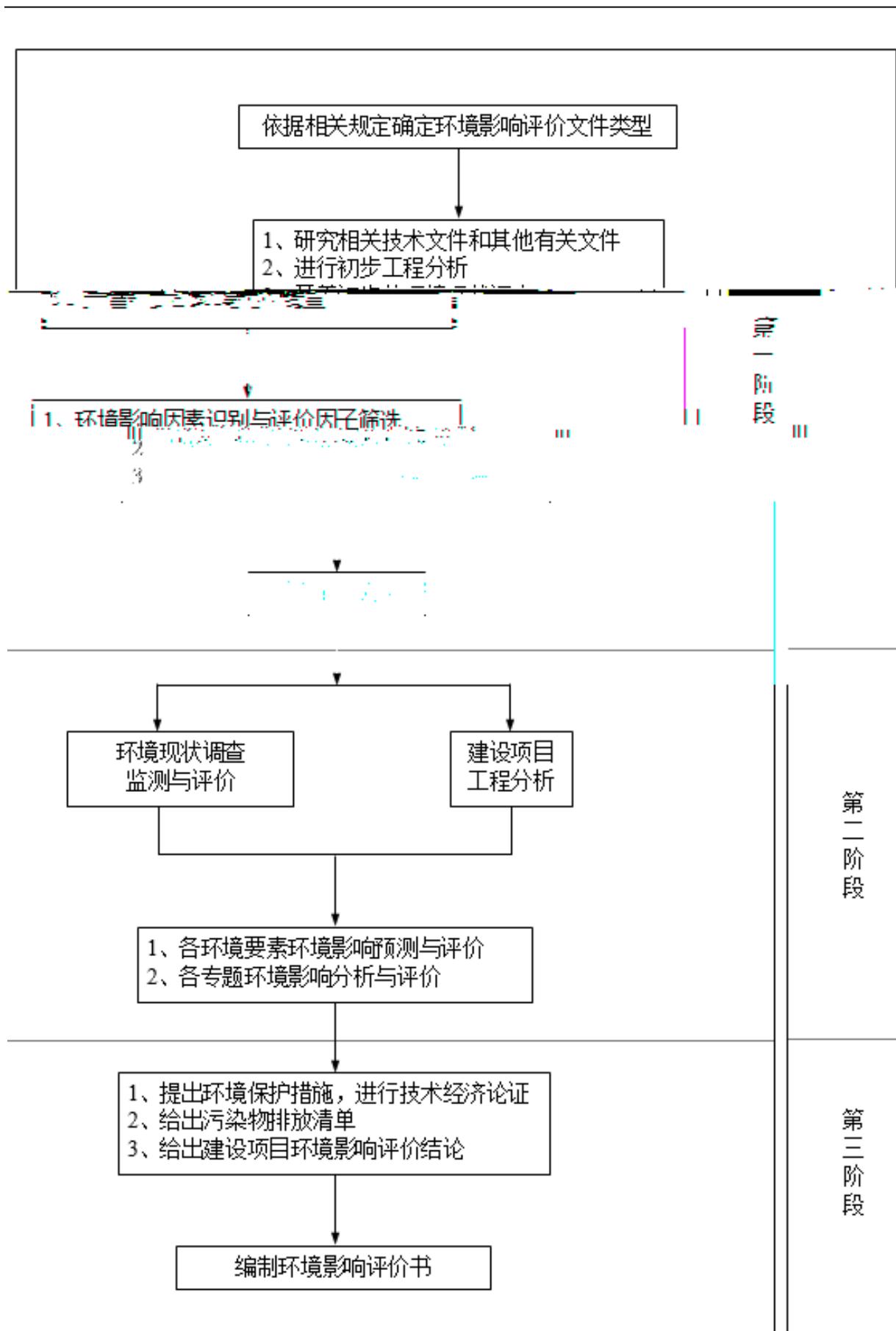
RTO

3

1.4



! □



1.4-1

1.5

!

"

#

1.6

2

2.1

2.1.1

!)() !" " " ! "

" !% ! !

" " !(! "

" ! " " !(! !

" " ! ! " " ""

% " " ")

% " ") !

" !(! " ")

" !" " ") " !"

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(" !

"! ! " ! ! !

) " " ! !

" " ! ! !

! " " !

!! , " !)

)

!"

!# " ! ! !

!

" ! (!

!% " "" " "" #)

" "" # !"

!
" ! !%
!
!((" ! !
!) " !(!!
" " "" " "" ! !)
"! " !)" !! " !)
!!
"" " !(!
"# " !((#!
" !)" ! !
" # " " ! #
!
"% "#
" "" ! !
" " " ! !! "
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" (" " ! " " !)%
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") " !
" !
#! " !! !!(
#" , .
"(□ !"
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" !)" %# " !)
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2.1.2

!
" " %
"
" "! % !
" !(!! "#
" !(# "(
%
" !(# "(
" "" # #!
" "") !
) !""
(" !#)!
) " !("
! " ! ! " !
!! "(
!! " ! !(%
!"
" ! !"(
!# " " !
! " !(
!%
!
" " ! !""
! !!)
!(" ""
" "" "
!) " !%! %

"
" ! !)
"!
" ! #
" " , " " " .
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"
" " ! "
"%
" ")
" " ! " # " " ("
" , .
" " !
"(
" " ! #
") " " ! !

" " ! ! ! !
#! ()
" " ! (#
#'
" " " ##(

" ! ! "

" ! (! !

2.1.3

!	□	" !□ !
"	□	" "□ !(
#	□	" #□ !(
		" □ "!
%	□	! □ !
	□	!)□ ""
	□) □ !(
(!)□ !(
)		!(%)□ "
!		!(%) □ ! " !#
!!		!("!(□ !(
!"		# ## □ !
!#		
!		% "%□ (
!%		!! □ !!
!	!	
!((!□ !"		
!		!□ "
!(()□ !
!)		(!□ !
")) □ !(
"!) (□ !(
""		#)))□
" "		
"#		" " □ !#
"		!)#□ "

2.1.4

! " "!" "

"

#

2.2

2.2.1

" "□ " "□

2.2-1

2.2-1					
			▲		
			▲		
	"		▲		
			▲		
	!		▲		
			▲	▲	
				▲	
				▲	
			▲		
			▲		
	%		▲		
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			▲		
			▲		
	1		▲		
			▲		
			▲		
					▲
	1		▲		

	%			▲	▲	
					▲	
▲	45					
1,1-	1,2-	1,1-	-1,2-	-1,2-	1,2-	
1,1,1,2-	1,1,2,2-		1,1,1-	1,1,2-	1,2,3-	
	1,2-	1,4-		+		
2-	[a]	[a]	[b]	[k]	[a,h]	[1,2,3-c,d]
45						

2.2-2

			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
		<input type="checkbox"/>								<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>					<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
		<input type="checkbox"/>								<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>														
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
		<input type="checkbox"/>								<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>														

2.2.2

" " #

2.2-3

	" % ! " # "	! "	"
	NH ₃ H ₂ S	# "	
	pH COD SS		
	LAS		
	" " # "		
	# " "		
	,		
	1	1	
	%		

2.2.3

2.2.3.1

" ! " " % # #) %

" ! " ! " #

,

2.2-4

		60		
SO ₂	24	150	3	GB3095-2012
	1	500		
		%		
	"	!		

	!	"%
NO ₂		40
	24	80
	1	200
" %		35
	24	75
PM ₁₀		70
	24	150
O ₃	8	!
	1	"
CO	24	

2.2-6

mg/L pH

!		% (%			% % □ % (%)	% %)
"	"	!	"	#	!	!
#		"	!	%	! %	! %
		%	%	!	!	!
%		"	"	"	!	!
		%	%	!	%	%
		!	!	!	"	"
(%	!%	"%	#%	#%
)		"	%	"	#	#
!		%	!	%	!	!
!!		!%	#	%	%	%
!"		%	!%	"%	#%	#%
!#	!	#	#	#	!	!
!		#	%	!	"	"
!%						

□ !(

" "□

(

2.2-8

mg/kg pH

!		
"		%
#		%
		!(
%		(
		#(
)
(" (
))
!		#
!!	!!□)
!"	!"□	%
!#	!□	
!	□ "□	%
!%	□ "□	%
!		!
!	!"□	%
!(!!! "□	!
!)	!! " "□	(
"		%#
"!	!!!□	(
""	!! "□	" (
"#		" (
"	!" #□	%
"%		#
"		"
"(!"□	%
")	! □	"
#		"(
#!		!")
#"		!"
##		%
#		
#%		
#		"
#	"□	""%
#(!%
#)		! %

		!%
!		!%
"		!)#
#		!%
	!"#□	!%
%		
		%

2.2.4

2.2.4.1

" !□ " ! ! # " " !
 # " # " (□ " !
 ! %□)# ! "
 ! (#□ !
 # " !□ " ! "
 !% " "□ " "□ #

2.2-9

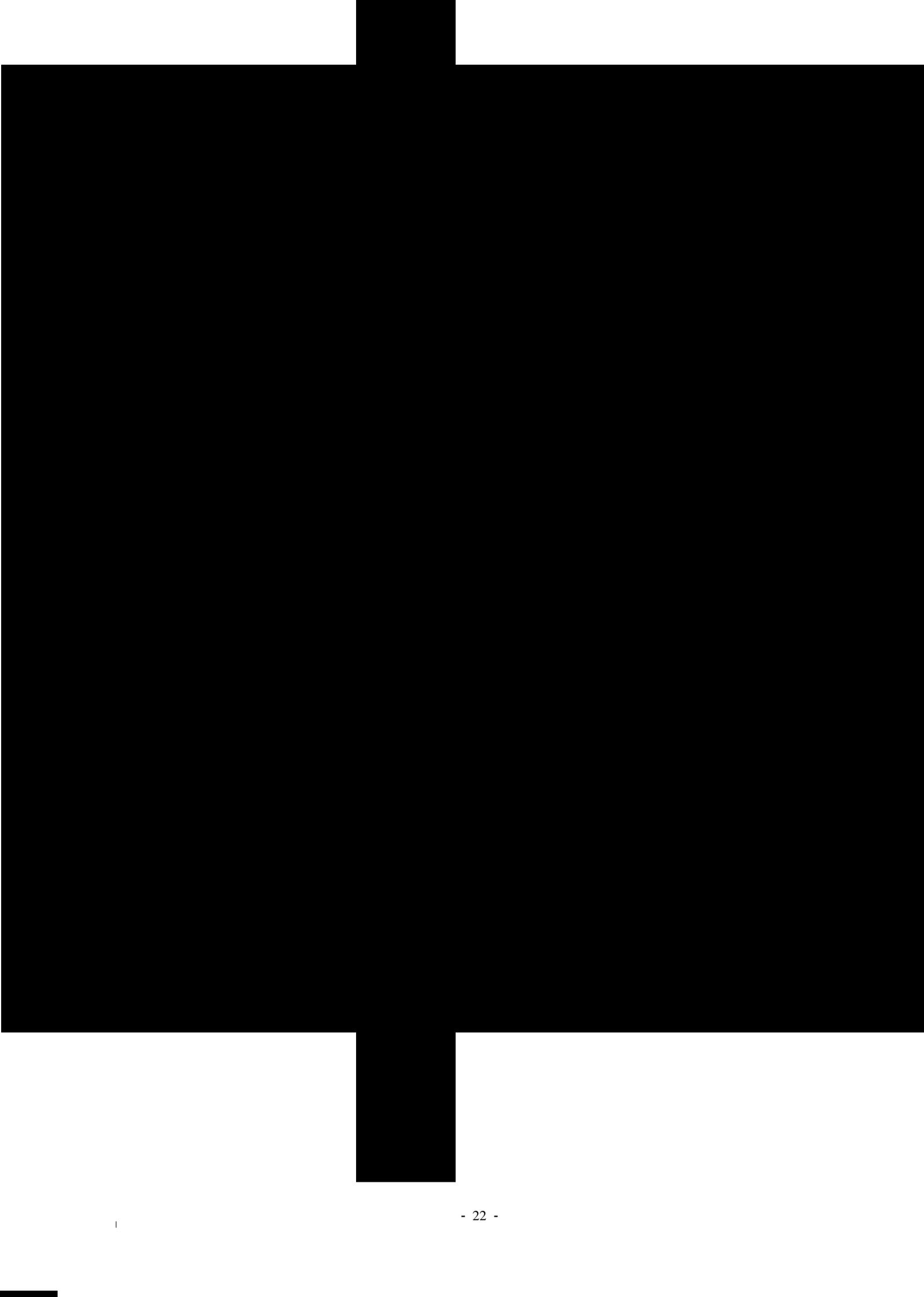
		mg/m ³	m	kg/h	mg/m ³	
!			!%	#		
"		"	!%	!	%	# " !□
#		!	!%	"	"	" "!

2.2-10

	mg/m ³	
	20	
SO ₂	80	
NO _x	180	

2.2-11

		m	kg/h	mg/Nm ³	
1		15	4.9	1.5	GB14554-93
2			0.33	0.06	
3			2000	20	



!! □	6.5 8.5	30		50	25	30	450	2500
!)# □	6.5~9.0		10	50	20		450	
	6.5~8.5	≤30	≤10	≤50	≤20	≥30	≤450	≤2500

2.2.4.3

!"# (□ (

" "□

2.2-16

dB(A)

			%	
			%	!"# (□ (#

2.2.4.4

!(%)□ "

!(%) □ "#

!%%" !□))% □

!%%" "□))%

!" □ ""

2.3

2.3.1

!

" "□ !(" ""

1

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!

!

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#

)% !

%"

!

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" #

!

" #□

2.3-1

	!
	! !
	,!

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"

" #□

" #□#

2.3-2

	! %
	#
	□ !

		!	%	%	" □	
	"	!	%	#	! □	
))	"%		! □ #	
□ %	(((("	# !	" □ "	
	!#	!#	"	% (! ! □ "	
	!	!	%	%	" □	
	"	!	%	#	! □	
□))	"%		! □ #	
	"%	"%	"	!!	" !! □ #	
□	!	!	"		! □ "	
	!	!	%	#	! ! (□	
	"	!	%	"	(# □ %	
□ ())	"%	#")" □	
	#	!("		! % # □ #	
	"	(!	%	% # □ %	
		Kg/h (#	mg/m³ %	P_i %	mg/m³	—

!

"

" ! (!

%

! "

□ !) □ " "

" □

2.4-1

	" "
	%
	"
	%
	! "

2.4.2

" □

" " □

2.4-2

	/						m
	!!()((%	# !#) !		1000			" #
	!!(((")(# !#%8%)		1500			" "
	!!((!)	# !# (1000			!((
	!!(() "	# !!)		5)("

		/						
								m
	!!((!#%88% #)) (!				300			"!#
	!!((!!## #)%6!!				100			")
	!!((!) # #)" (3			! #
	!!((% # !!#%(110			!)#
	!!((")!## # !#")				800			!
	!!(("((# !")%				1200			!
	!!( (## ! # !#" (				1500			!
	!!((##"! # !" (##				2500)%
	!!((# # # !")! #				500			!#
	!!(("%! # !" ("				1000			!%8%
	!!((% # !#!%)				2500			"
	!!((%%88 # !" !("				3000			" #
	!!((%" #))" %				200			!)

2.4-3

		/						
								m
	!!()((% # !#) !				1000			" #
	!!()(" # ! # !				500)(
	!!((#% # ! %88)"				1000)%
	!!((! # # ! #				2000)(
	!!((!! "# # ! #(%				80)
	!!((" # (# ! %				1000))
	!!(((")(# !#%88)				1500			""
	!!( (! ) # !# (				1000			!((
	!!(() " # !!)				5)("
	!!((!#%88% #)) (!				300			"!#
	!!((!!## #)%6!!				100			")
	!!( ( % # (				800			# !
	!!(()" # () #				800)(
	!!((! " # %9!				90))
	!!((" % # %				80			((
	!!( (" " ( # (				140)(

	/						m
	!!( (" ((	# "#		70))
	!!( (# ))	# (# (		180			(
	!!((#" "	# !!		50))"
	!!((# (!	# !)	"	30			(
	!!((# " "	# %#		200			(
	!!(("# " "	# ("		300			%
	!!(("#")	# %		20))
	!!(((%%#	# #%		100)(
	!!((%#%	# %		450)
	!!((% !)	# (!		170			
	!!( ( ) (	# (" ""		50			!)
	!!( ( !) #	# )" (		3			! #
	!!( (%	# !#%(		110			!)#
	!!((")!##	# !#")		800			!
	!!( ("((	# !)" %		1200			!
	!!( (## !	# !#" (		1500			!
	!!((##" !	# !" (##		2500) %
	!!((# #	# !)" ! #		500			!#
	!!(("% !	# !" ("		1000			!%#
	!!((% " (# ! "		200) %
	!!((%#	# !#! %)		2500			"
	!!((%%#	# !" !("		3000			" #
	!!(((% (# !# (#		1400			#
	!!(((!" !	# !#" (120			%
	!!(((! (!	# !#" (2200))
	!!(((!")	# !" (20)(
	!!(((" !" "	# !"") %#		20))
	!!(((" ((# !!))		50))
	!!((% (# (200			#)(
	!!(((% " "	#))" %		200			!)
	!!(((% #)	# (" #)		500			
	!!(((# !" "	# () (120)
	!!(((% #	#) %#		120) %
	!!(((# ((!		120))

2.4-4

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" !#

" !%

" % "

" !%!#!

% "

" "!" #%

" "!" #%

" "# (""

" "# #

" %

2.5.1.2

" "!" #%

" "# #

" "

3

2

2

2.5.1.3

20

50.4

!

" %



"

" "

!!"

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!!(

#)(

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"

2.5.1-1

2.5.1-2

2.5.1.4

!

#

沭阳经济技术开发区

#%) #) !
%! # ! %"! !# # # #
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" ! !) # !" #! "(
" ! !" # " ! !!(
%! # !%) #
" " %! # " ""

1 "

!()!(" " ! 1

!()!(□ " 1

"

"

2.5-1

		# %	" #	" !# #(
		# !#	" !	" !%#		

%

!(

"

!#

! !%

! !

! #% %

,

,

!#

! !%

,

! ! #) " ! " % , % "!"

"#

#

465 /

230t/h

300t/h

6.94t/h

2.5.1.5

" %"

2.5-2

		GB3095-2012 1
		GB3838-2002 IV
		GB3096-2008 3

2.5.1.6

[2008]17

" (!

!

"

!

#

#

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% #

" (!

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" #

#

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" !)

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" ! □

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" "!

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" "!

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"

" %

" "

2.5.1.7

2021-2035

" "!" #%

" "# #

2.5-3

[2023]63

[2023]63

" %

#%

" "%

" %

" "%

#%

"

"

" "

" "#		
"% " "%		
! %		
" "%		

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2.5.2

" "

" !"

" !"

2.5.3.2

" "" " ""
" (" % ! "
! # "# # " (#
" # # !) #
! # !!! # , ,)
%
" " ! " % #
" # ,
" " □ ! (,
#(# (□ "
) □ (#
! ((□ ! !
□ ! (

2.5.3.3

)%



	332		
(
)			
!			
!!			
!"			
2.5-6		2022	>
1			
1			
)	(2015-2030		
2035)	(2017-		
2			
!			
3			
...			
4			

	...		
	5		
		
	2		
	1	34	
	2		
	()	
	3		
	4		
"	5		
	2022)>	(
	6	()
	3		
	1		
#	2	()

3		
4		
5		
6		

2.5-7

!)%
!	!	!
"	!"	"
#	#	#
%	%	%

<p>!</p> <p>! #</p> <p>(" #</p> <p>##)</p> <p>(" ! #</p> <p>! !</p> <p>##" (</p> <p>("#</p> <p>"</p> <p>" ("#</p> <p>") %</p> <p>! " %</p> <p>"! %</p> <p>#</p>	<p>(" #</p> <p>##)</p> <p>("# ! %</p> <p>##" (</p> <p>" !) "</p> <p>" %</p> <p>"</p> <p>"#)</p> <p>"##</p>	<p>!</p> <p>"!</p> <p>" "</p> <p>" "</p> <p>" "</p> <p>") %</p> <p>!</p> <p>#</p>
<p>!</p> <p>"</p> <p>#</p>	<p>! □</p>	<p>!</p> <p>! □</p> <p>"</p> <p>#</p>
<p>!</p> <p>"</p> <p>" !) #</p> <p>#</p> <p>#%</p> <p>%</p> <p>#</p>	<p>!</p> <p>"</p> <p>#</p>	<p>!</p> <p>"</p> <p>#</p>

2021-

2035

2.5.3.5

“ ”

[2020]49

" ")

2.5-8

“ ”

<p>!</p>	<p>!</p> <p>" " !</p> <p>" ! (</p>	<p>!</p> <p>" " !</p> <p>" ! (</p>
----------	------------------------------------	------------------------------------

	<p>!" !)</p> <p>!"(</p> <p>"</p> <p>#</p> <p>!</p> <p>%</p>	<p>"</p> <p>#</p> <p>5</p>
"	<p>!"</p> <p>" " "</p> <p>!))!" !!) (" (%</p> <p>" ")"</p>	
#	<p>!"</p> <p>"</p>	<p>!"</p> <p>"</p> <p>3</p>

	#		
	!	% !%	" "
	"	% (	! 95.4% 90%
	#)	" "	"
	#		#

2.5.3.6

2020 78

" "

(

2.5-9

“

”

	!		!
!	"		"
"			

--	--	--	--

" ")
" " (

2.6

2.6.1

2021 11

2

2022 1 24

2.6-1

	2		
		3	
	1		
	2		

	3		
--	---	--	--

2021 11 2

2022 1 24

2.6.2

[2014]128

VOCs

VOCs

90%

75%

)%)(
#		

[2014]128

2.6.3

119

2.6-3

2.6.4

" !) %&

2.6-4

VOCs VOCs		

" "!" "

2.6-5

(

<p>VOCs</p> <p>10%</p> <p>10%</p> <p>VOCs</p> <p>VOCs</p>		
<p>0.5%</p> <p>5</p>		
<p>VOCs</p> <p>VOCs</p> <p>VOCs</p>	<p>POY</p> <p>15m</p> <p>+</p> <p>15m</p> <p>+</p> <p>15m</p> <p>/</p> <p>+RTO 15m</p> <p>+</p> <p>15m</p> <p>/</p> <p>+RTO 15m</p>	

800mg/g

650mg/g

1100m²/g BET

	%		"
	(
		POY	
		15m	
		+	
		15m	
			+
	"	15m	
	(
	,	/	+RTO
		15m	
		+	
		15m	
			/
		+RTO	
		15m	
)	
	!%		!%
		"	
		#	

	(!)	(!)	

2.6.8

<

> GB37822-2019

2019 55

		"		
		#	!	!
				#
"			,!	!

2.6.9

VOCs

2020 11

" " !!

" D

2.6-9		2020 11	
VOCs		#"	!" "!"
2014	DB12/524-		!
GB37822-2019	VOCs	#"	!" "!"
			#
			### "□
		" "	
VOCs	VOCs		VOCs
2019	DB32/T3500	2020	GB33372-
	VOCs		
VOCs	VOCs		
	VOCs		
	VOCs		VOCs
GB37822-2019	VOCs		I
	VOCs		VOCs
			GB37822-2019

--	--	--	--

	<p>VOCs</p> <p>VOCs</p> <p>VOCs</p>	VOCs	
	<p>VOCs</p> <p>VOCs</p> <p>VOCs</p> <p>VOCs</p> <p>VOCs</p> <p>VOCs</p> <p>2</p> <p>1.5</p>	"	! %
	!		

2.6.10

GB33372-2020

42~44%

44%

97%-99%

1%-3%

1%

! #

VOCs 10

"□ "

VOC

50g/L

1 " " # ! # " ! ! !

"#

"□ "

VOC

250g/L

"□ "

2.6.11

VOCs

2022 218

VOCs

2022 218

2.6-10

VOCs

!	1	POY 15m + 15m + 15m	
---	---	--	--

		$\frac{15m}{15m + \text{+RTO}}$	
"	%	%	
#			

%	! % ! "		
	((% ") % "		
	% % #	% !	

VOCs

2022 218

2.6.12

([2020]101)

" " ! !

2.6-11



3

3.1

3.1.1

2021 8 50000

12 50.68

33786.7m² 17752.8m²

1.5

" " " !

" " ") ! (

(

3.1.1-1

3.1.2

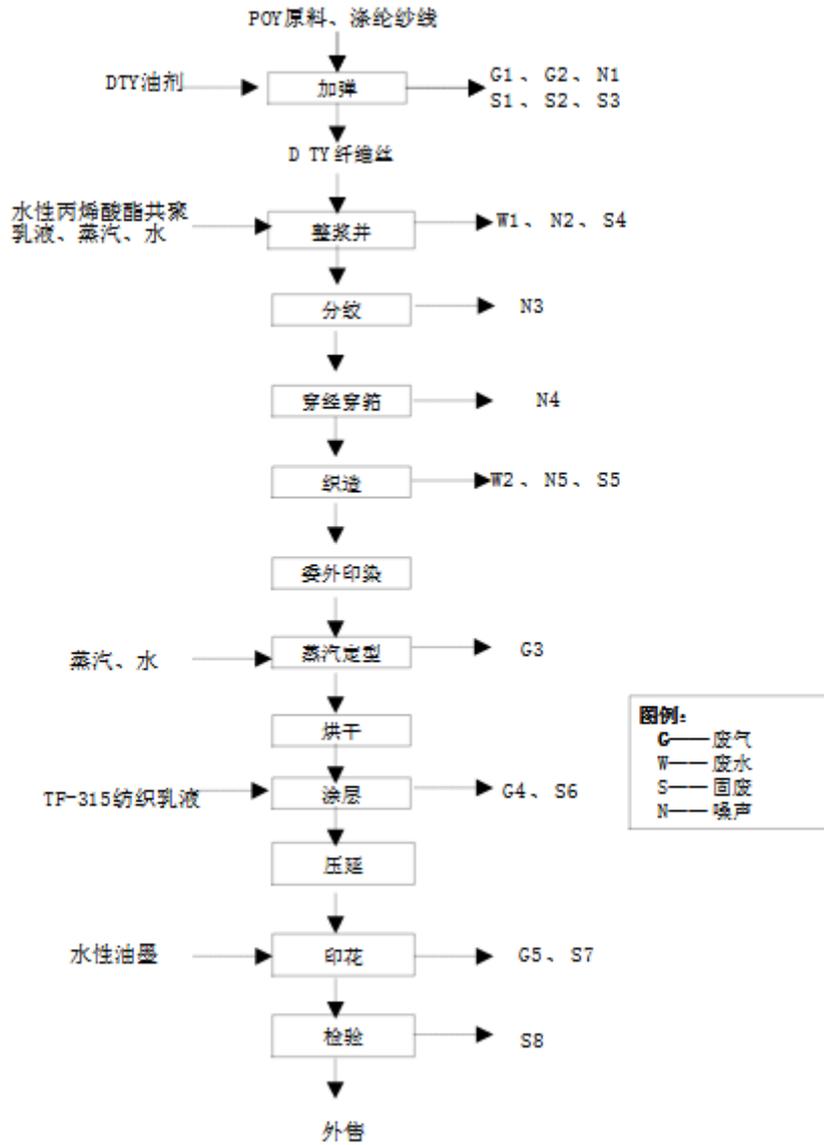
3.1-1

				h
		15000		7200h

3.1.3

3.1.3.1

15000 /a



3.1.3-1

1 POY

170

150

DTY

N1

G1

G2

S1

S2

S3

2

3.1.3.2

3.1-2

			t/a			t		
	POY		20000	50kg/		1500		
			20000	50kg/		1500		
		□ % 1% 55-57%	2000	1t/		600		
		9.5% 8% 5% 2.5% 65% 10%	700	1t/		50		
		PU 30% PA 10% 5% 35% 5% 10% 5%	100	50kg/		10		
	PAM		10	50kg/		0.05		
	PAC		20	50kg/		0.05		
	DTY	90~92% 8~10%	600	1t/		50		
			1.5	250kg /		-		

3.1.3.3

3.1-3

				/	
			HY-7 HY-12	10	
			□ ! >900m/min	1000	
			-	100	
			-	10	
			BFBS2A	2	
			-	2	
			-	2	
			-	10	
			-	2	
			-	2	
			ASMA5038WGP	2	
			ICHINOSE- 2600mm*14C	6	
/			SLVC-132A	1	
/			1m ³	1	
/			□	2	
/			5m ³	1	

3.1.4

3.1-4

			!% □!		
			+ + + +15m FQ- 02		#" !□
			+ + + +15m FQ- 03	" "!	
			+ + + +15m FQ- 04		
			(%		GB18483-2001
			! !% □ %		GB14554-93
			#% #		

		" #	
		" #	
		! "	
		!" "	

3.1.5

3.1-5		t/a			
	VOCs	!%#	! #	((((
		!!	()	!""	!""
		"	!)	%	%
		%	#		
	VOCs	! !)		! !)	! !)
	m ³ /a	! # %%	! " ! #%	!""	!""
		! "(410.752	# % (!"
		%	61.986	" %	!""
	#□	!%%	15.315	" %	!
		! !	1.022)	
		"	20.4	#	!(
		!	0.072	"	!
	%	" "	" "		
		!%#! #	!%#! #		
		!! ()			

"	#	
#	!	!
!		

!

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3.1-8

[2018] 6

!	# % # % !	! %	! %		
"		4# 6# 7# 8# 50m	4# 6# 7# 8# 100m		
#					
		! ! ! % ! #	! ! ! % ! #	!	!

		# !%	# !% " # !	!%	
	" # !	! !% % !	% ! ! !%		
	1 1	!%	! 1		
		1			
%	!	!%	!%		

" " ((

" ! (

3.2

3.2.1

! % ! %
% "% %
1.5
50.68 33786.7m²
" ()
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" # "
" " #

3.2.2

3.2.2.1

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! %

" ! □

3.2.1-1

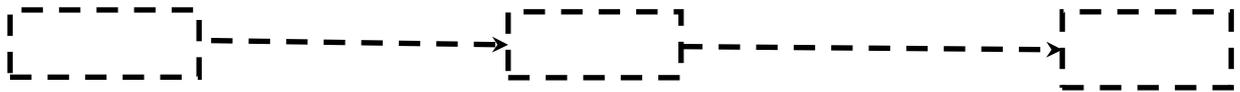
)		409.2 "			1636.8 "	
!		450 "			1800 "	
		!% %" "			! % (

3.2.2.2

! %

" "□ # " "□

3.2.2-1



3.2.2-3

	1#	1F 1800m ²	1F 1800m ²	0	
	2#	1F 1800m ²	1F 1800m ²	0	
	3#	1F 1800m ²	1F 1800m ²	0	
	4#	1F 1800m ²	1F 1800m ²	0	
	5#	1F 900m ²	1F 900m ²	0	
	6#	1F 1116m ²	1F 1116m ²	0	
	7#	1F 1020m ²	1F 1020m ²	0	
	8#	1F 4080m ²	1F 4080m ²	0	
		F 900 "	F 900 "	0	-
		F 736.8 "	F 736.8 "	0	-
		F ("	F ("	0	-
		" "	200m ²	0	7#
		" "	" "	+!# "	8#
		" "	" "	0	7#
		153329m ³ /a	#! %# #m ³ /a	-121575.7m ³ /a	
		12240m ³ /a	#" #	□)" #	
		2210 kWh/a	2300 kWh/a	+90 kWh/a	
		50000t/a	50000t/a	0	
		0	10.8 m ³ /a	+10.8 m ³ /a	
		3000m ²	3000m ²	0	-

		!% ! # □!	!% ! # □!	0	
		+ + + +15m FQ-02 10000m³/h	+2 + + +15m FQ-02 36000m³/h VOCs	+ 26000m³/h VOCs	
		+ + + +15m FQ-03 40000m³/h	+ + + +15m FQ-03 40000m³/h	0	
			+RTO / +15m FQ-04 30000m³/h VOCs	+ +RTO / +15m FQ-04 30000m³/h VOCs	#" !□ "!
			+RTO / +15m FQ-05 30000m³/h VOCs	+ +RTO / +15m FQ-05 30000m³/h VOCs	#" # "(□ "
		+ + + +15m FQ-04 30000m³/h	+ + + +15m FQ-06 12000m³/h	- 18000m³/h	

			+RTO / +15m FQ-07 18000m³/h	+RTO / +15m FQ-07 18000m³/h	
		+15m + 1 FQ-05 10000m³/h	+15m + 1 FQ-08 12000m³/h	+ 2000m³/h	GB14554-93
		(%	85%	0	GB18483-2001
		+ + +	+ + +		
		+A/O + #%	+A/O + #%		
		" #	" #		
		" #	" #		
		! "	"	# "	
		! "	! "		
		!" "	!" "		
			" #	" #	
		"% #	"% #		

3.2.3

3.2.3.1

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! " # % (# " #□

3.2.3.2

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3.2.4

3.2.4.1

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!% # % #

5%

30% 500t/a

2500m³/a 70

72000m³/a 3600m³/a 1m³/h

0.95 68400m³/a

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$$Q_c = K_{\Sigma} \cdot \Delta t \cdot Q$$

$$Q_x = \frac{P_x \cdot Q}{100}$$

$$Q_b = \frac{Q_c}{N - 1} = Q_x$$

$$Q_c = Q_a + Q_b + Q_x$$

!%

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!%

$$i = \frac{61.2(1 + 1.05 \lg T)}{(t + 39.4)^{0.996}}$$

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10 271m³/a
50m³
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!!)) #)% #' #

!!)) #! %# # !!)) ! -)%
3.2.4.2

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!#
! !% ! !

3.2.4.3
, , !

3.2.4.4
! (#

3.2.4.5
!
! !
! #(""
"#
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"% #

" "

3.2.4.6

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"

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" "

"

3.2.4.7

#

"

()

3.3

3.3.1

3.3.2

3.3.2-1

3.3.2-1

1 POY
170

150
DTY N1
G1 S1 S2 S3
2

S4 N2
3
N3
4

N4
5

W1

	S5	N5				
6				5%		
					70	
						W2
7						
200						
				G2		
8						
9					3:2	
				DMF		
		21%	25%	32%	5%	3%
	DMF12%	2%				
						G3
			S6			
10						
		2-5S				
	5g/m ²			10g/m ²		
		180~200		20-30S		
			G4	G5		

11

12

			G6	S8
G7	S9	S10		
13				
			S11	
14				
3.3.3				
3.3.3.1				
				###□

3.3.3-1

			t/a		t/a	t/a	
	POY		20000	50000	+30000	1500	50kg/
			20000	0	-20000	1500	50kg/
		8% 9.5% 5% 2.5% 75%	700	700	0	30	1t/
		42-44% 1% 55-57%	2000	1325.6	-674.4	40	1t/
		" % %	0	()	()	10	200kg/
		"	0	%#	%#	10	25kg/
			0	(	(	10	25kg/
			0	!)	!)	5	20kg/
		(!#	0	!	!	2	25kg/
		)) )	0	"% %	"% %	5	190kg/
		)) )	0	"	"	2	170kg/
		#	0	500	+500	20	1t/
		98%	0	40	+40	1	1t/
		/	0	200	+200	5	25kg/
		PU 30% PA 10% 5% 35% 5% 10% 5% 50% 20% 10% 1- -2-	100	40	-60	2	50kg/

			70%	0	10	+10	0.2	200kg/
		PAC		20	80	+60	5	50kg/
				1.5	1.5	0	0.4	170kg/
		DTY	90~92% 8~10%	600	600	0	50	1t/
			/	50000	50000	0	/	/

3.3.3.2

###□

3.3.3-2

	/			
		!# #) #!(!#) -! " #		"
	"))((! (! ! # ##		% " ! % % # " #" # "
		" #(
	"	!(# !(% "% #	!	
	#	" " (#	!! %	
	(% !%			
	% % %			
	()% " !! ! % !) !) ! ! □ "	□ (%# ! !" □	% % !"!" % " # # (

	/			
		□) %		
) %"%" □# □#	!# !(% !"	(!"% #
			" (%*#!
				%*!)
	"	#		% % (
	C ₇ H ₁₂ O ₂)	! !(% " !"	((" !"
				%)

	/			
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	("	! # "#) #	
	#	! ("□ □ #"	1 □%□	%" !% " % ! (# !% (

,

	/			
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3.3.4

3.3.4.1

□

3.3.4-1

				/		
!			HY-7 HY-12	!	!	
"			□	"	"	
#			□	"	"	
			BFBS2A	"	"	
%			□(! .)	!	!	
			□	!		□
			LNH634-280		!	!
(ASMA5038WGP	"		
)			□	"	"	
!			□	!	!	
!!			□	"	"	
!"			ICHINOSE- 2600mm*14C			
!#			-			
!			□	!	!	
!%			SLVC-132A	!	!	
!			1m ³	!	!	
!			□	"	"	
!(!% #	!	!	
!)			5m ³	!	!	

3.3.4.2

!

!%

3.3.4-2

	/	m/d	d	m/a	m/a	
	!	%	#	!%	!%	!

"

!%

3.3.4-3

	/	m/min	h	m/a	m/a	
	!	#%	"	!%"	!%)) "
			"	!%%%	!%	96.4%

#

15000 /

10

3.3.4-4

		m/min	h	m/a	m/a	
	!	#%	"	!%"	!%)) "

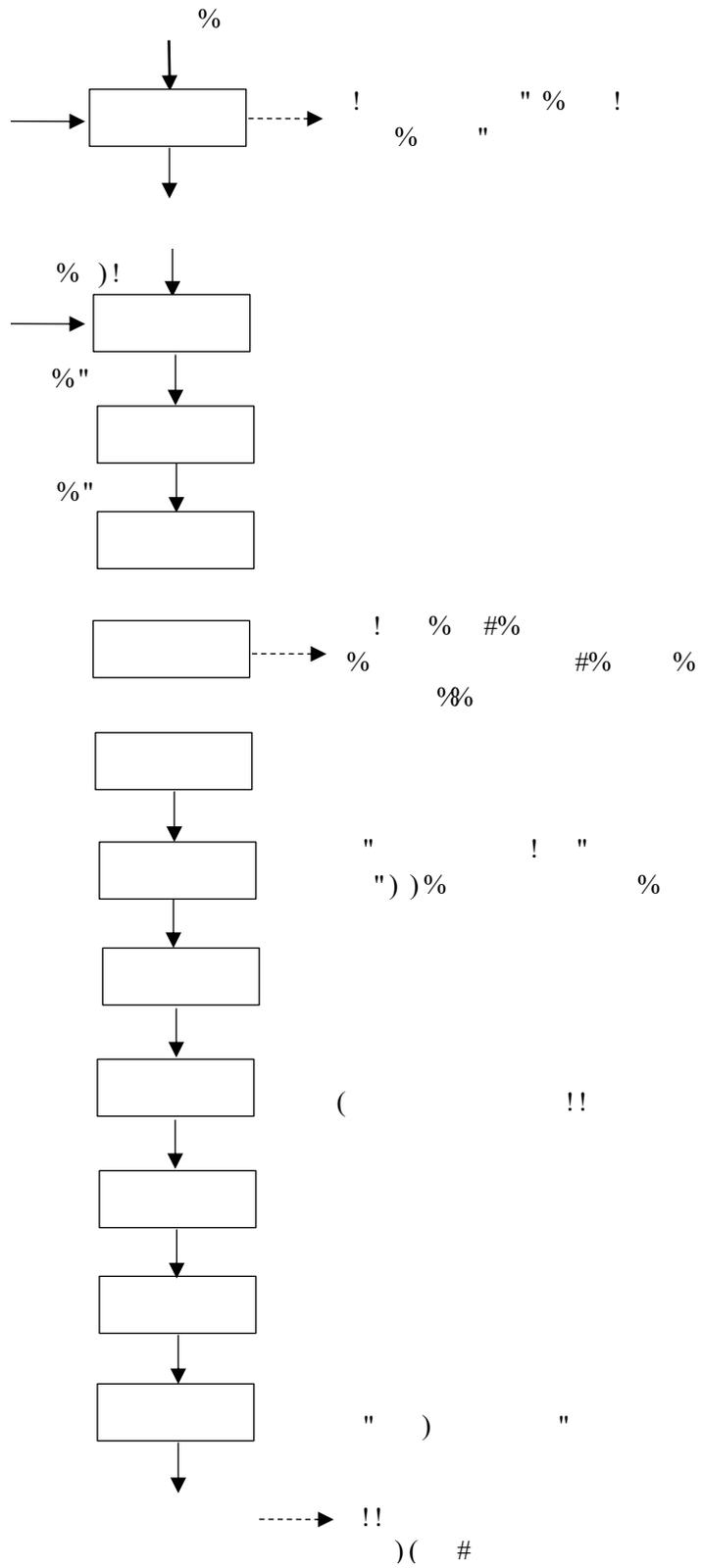
□

□

3.3.5

3.3.5.1

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!)		%				
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		(! #!	51300)"" "	%!!%	! %(#
				(! #!		

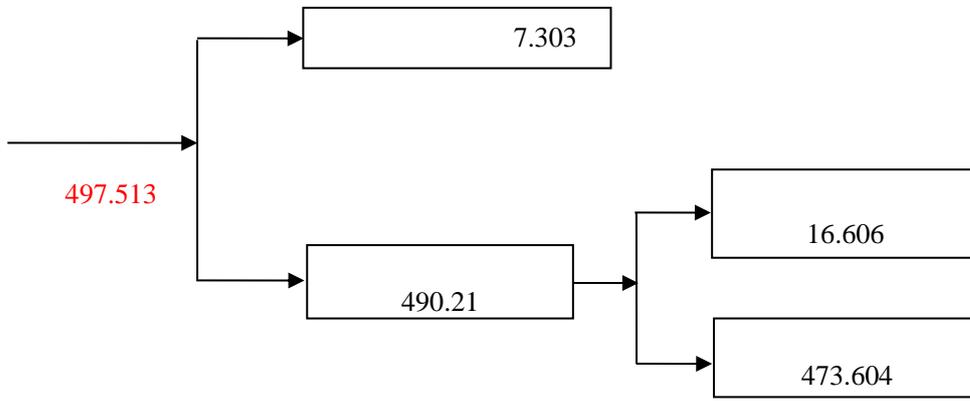


3.3.5-1

3.3.5.2

!

3.3.5-2		t/a	
	2.56		0
	17.62		0
	5.833		497.513
	" %		16.606
	2		7.303
	42		473.604
	497.513		497.513

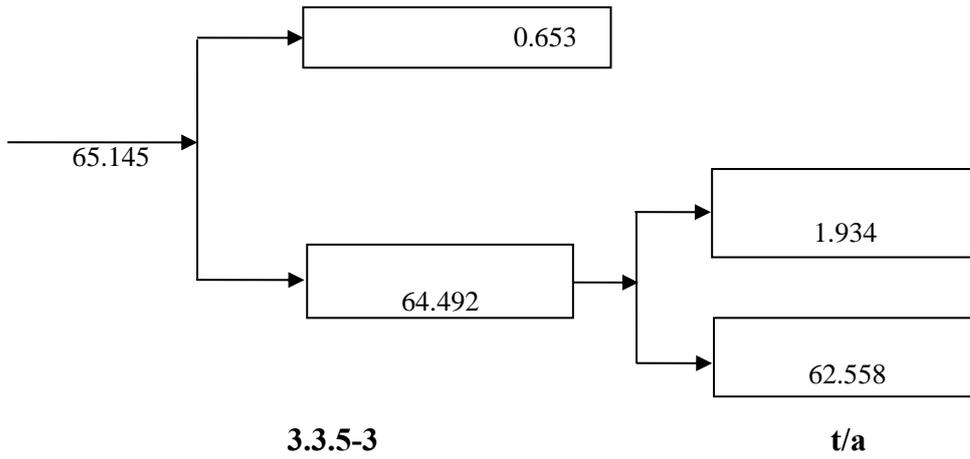


3.3.5-2

t/a

"

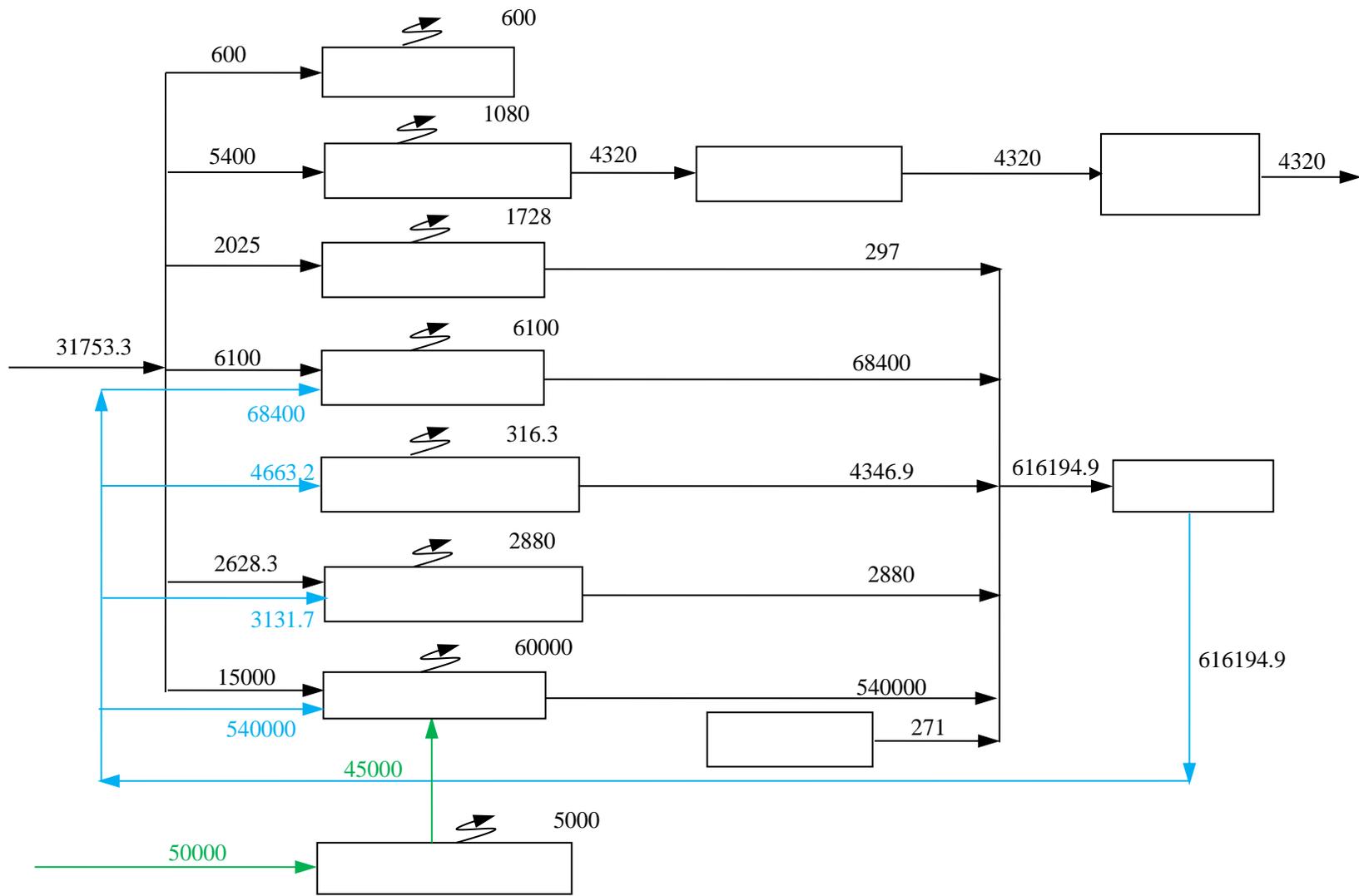
3.3.5-3		t/a	
	22.445		0
	42.7		0
			0
			65.145
			!)#
			%#
			" %86
	65.145		65.145



3.3.6

3.3.6.1

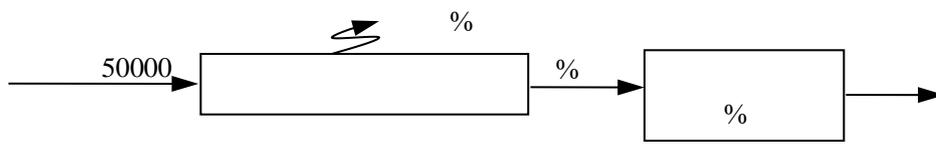
□



3.3.6-1

m³/a

3.3.6.2



3.3.6-2

t/a

3.3.6-1

t/a

!		50000	5000	45000	0

3.4

3.4.1

!

% # (

#

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) # (

" #

#

" # !

!

% #

72000m³/a 3600m³/a 1m³/h

0.95 68400m³/a

%

(#! " ! # "

) !)) #

! # # #

)%

"(% #

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! # " ((#
(
!% # " ! (# ") #
)
! % # % #
!
(%
10 271m³/a
50m³

3.4.1-1

	(m ³ /a)						m ³ /a	
		(mg/L)	(t/a)		(mg/L)	(t/a)		
%		COD	500	"				
		BOD ₅	300	! "				
			100	%				
			1	%				
			5	"				
			10	%				
			5	"				
68400			"	!# (
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1496.9		COD	300)				
		%	100	!%				
		SS	400	%)				
			10	!%				
2850		COD	200	%				
		%	100	"(%				
		SS	200	%				
"((COD	100	"((
		%	50	!				
		SS	400	!!%				
			5	0.0144				
			80	"#				
			100	"((
")			100	")				
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			100)				
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			"	(! #(#%(/	

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3.4.2

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1325.6t/a

1%-3%

97%-99%

1%

5.833t/a

+

+

4

40000m³/h

98%

90%

15m

FQ-03

5.716t/a

0.5716t/a

0.117t/a

6

(

%#

(

"

21%

25%

32%

5%

3%

DMF12%

2%

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15m

FQ-04 FQ-05

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FQ-01

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3.4.2-1

		(m ³ /h)	(mg/m ³)	kg/h	t/a				(Nm ³ /h)	(mg/m ³)	kg/h	t/a		(mg/m ³)	kg/h		h/a	m	m
□ !		!	#"	#"	" #))	!	#"	#"	"#	#	"	!%	("%			
□ "		#	"	! ")	()	#	"	! "	#	"	!%)"	"%				
		!!# #	(")#%				!! #	(")#%	"	!							
□ #)))	% !)	()	")	%!	#	"	!%)	"%				
□		#))	") #)	"!! !))	#	") #	((#%	#	"	!%	(

			!) #	(# " "						#	!#)	!	"				
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	"		##	!	"					##	!	"	(
			#! #)						#! #)		!(
))) #)	"!! !))) #	((#%		#				
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				!	! #	!					!	! #	"					
	"		##	!	"					##	!	"	(
			#! #)						#! #)		!(
□		!"	" ("%	!())	!"	"!	"%	!(#	"	!%	%	"%
□		!(# (%%	#)))%)	!()"	!	!!)		#	"	!%		

				(!	! #					(!	! #	"					
		"		%	!	"					%	!	"	(
				%")		!				%")		!(
		#		#	((#%			(! %	!(!"		4.9				
		"		"(#	"			(%	()"		0.33				
	□		!"	!%)					(!"	#			"		"	!%	%	"%
	(!%)					(#			"		"	!%	%	"%
				% "%	""%	% !			(%		(%	#	!	"		!(

3.4.2-2

			kg/h	t/a	m)	m)	m)
			(#		56	"	!"
)	#%			
			#!)	" #	60	17	!"
(#	"	68		!"
				%#			
)!	%#			
		#	!(!#	%	!"	(
		")	%			

3.4.2-3

			(m ³ /h)	(mg/m ³)	kg/h	t/a	(Nm ³ /h)	(mg/m ³)	kg/h	kg/a	(mg/m ³)	kg/h	h/a	m		m	
□	!	!	#"	#"	" #)	%	!	!	!	!	#	%	"	!%	("%
□	"	#	"	!	")(%	#	##	!"	!"	#	%	"	!%)"	"%

			!!##	()#%					%	"	"	"	!				
	□ #)))	% !) (%))#	#)	#)		#	"	!%)	"%	
	□	#)))#)	"!! !)))	#)))#))#)		#	%	!%	(
))#	(#" "))#	((!	"	"	!%	(
	□ %	#)))#)	"!! !)))	#)))#))#)		#	%	!%	(
))#	(#" "))#	((!	"	"	!%	(
	□	!"	" ("%	! ()		%	!"	!	!"%	!"%		#	"	!%	%	"%

	□		!(#	(%%	#))%)	!(#	(%%	%%	#	"	!	%	
	□ (	#	!"	#	((	#%	)%(	%	!"	#	%				4.9	"	!"	%"	"%
"		"(#	"	%		!		!	!	0.33							
		!%			%	%													

3.4.3

#□ # #□

3.4.3-1

		/	/dB(A)	/m			/m	/dB(A)	h/a	/dB(A)	/dB(A)	m
				X	Y	Z						
!		"%	(!"%		!"	%		"	"	%	"%
"		"%	(!"%)	!"	%		"	"	%	"%
#		"%	(!#	!"%	!"	%		"	"	%	"%
		"%	(!#	!	!"	%		"	"	%	"%
%		"			!	!"	!	%%	"	"	#%	
		10		%		!"	%		"	"		%
		6		%		!"	%		"	"		%
		!)	%	(!"	!)	"	"		%
				"%	!	!"	%		"	"		"%
				%)%	!"	%		"	"		%

		!)		!%)%	!"	!)	"	"		!%
		!			#	!%8%	!"	%		"	"		!
(2			#	!	!"	%		"	"		!
		1)		%	!%8%	!"	%	("	"		"%
		10	(!	!"	%		"	"	%	"
		!	%		#	!!	!"	!	%	"	"	%8%	#

0 0 0

3.4.3-2

		/	/m			/ A /m / dB		
			X	Y	Z			
!	%			"	!") !		
"			%)%	!") !		
#				!	!") !		"
	(!%	!") !		
%			#	!!%	!"	%!		

0 0 0

3.4.4

!

!%(#

"

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#

!!

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" #(!

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!!

(

DTY

3166 /a

56kg

177.3t/a

)

! #%

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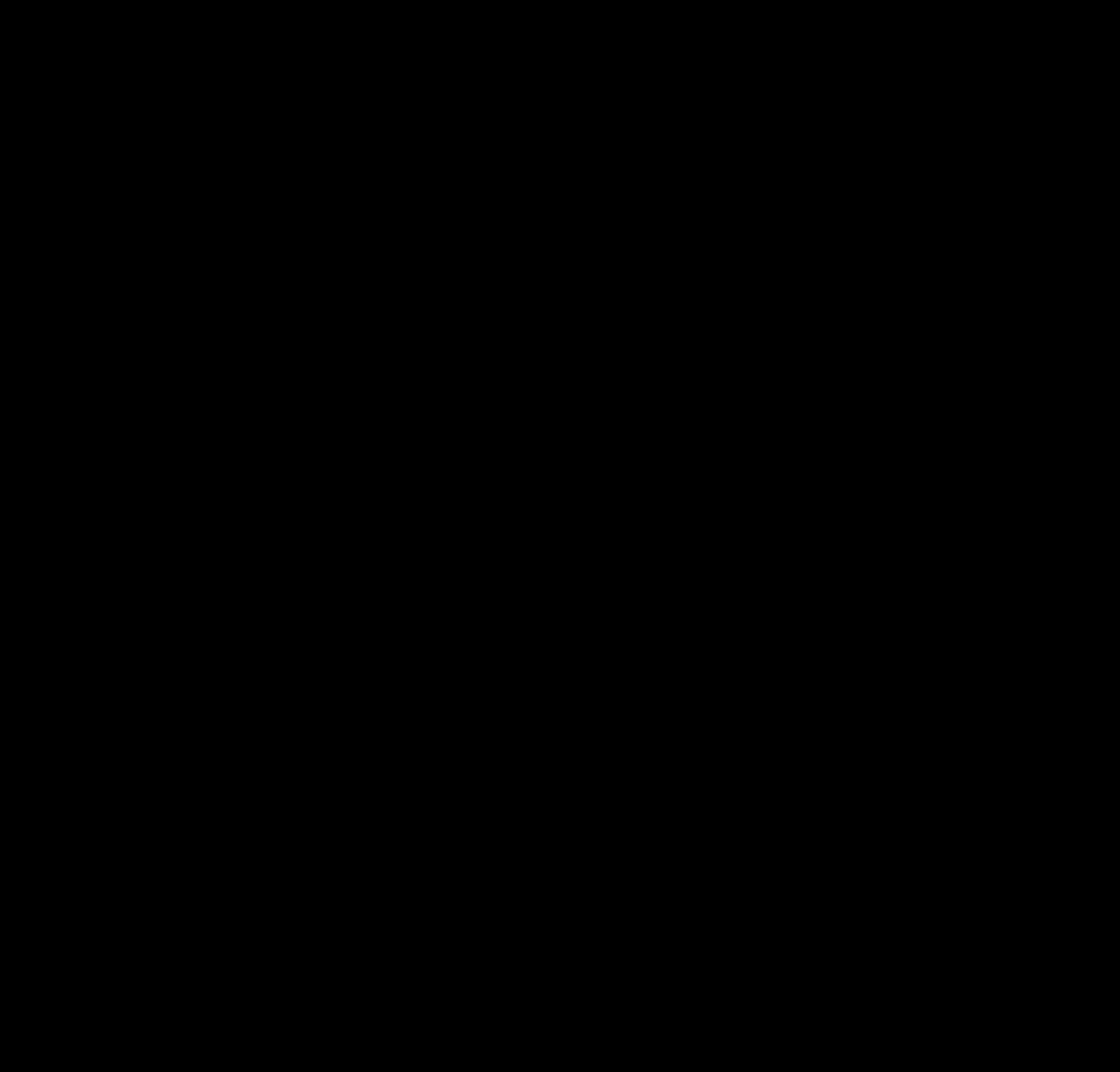
□#

3.4.4-1

						/		*
!					!%(#			# ## □ " !
"								
#					"			
					" #(!			
%					" !%			
					!!			
					177.3			
(! #%			
)					%			
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!"					!!			
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!%					" " %			

3.4.4-2

								t/a
!					!) □ □!		!%(#
"					!) □ %□!		"
#					!) □ %□!		!!
					%) □))□ %		" !%
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					() □" □(" #(!



3.4.5 “ ”

%l

3.4.5-1

“ ”

t/a

		(() "!	#	16.606	((!
)"	" %8%		1.934		!)#
		") #()	" !%		2.9659		") %
	"	"!			0.0216		"!
	NOx	" ""			0.2022		" ""
	!"	#%	% (0.127	!"	!"
	%	"	!) (0.00492	%)"
		%	#		!	/	!
		! !)	# #		# #	! !)	# #
		%#			%#		%#
		(((
		!#			!#		!#
		%			%		%
		!"	" %)	! !))	#	!"	#
		# % () !! ((# (! "# (# % (! "# (
	%	0	"! #" %	"! #" %	0		"!
		" %	((! ((#)! ()	" %)
	#□	" %	# %	#	(" %	(
		#	!(%	%	!"	#	!"
)	!	""(! #)	! #
		0	# #))	# #))	0		
		"	"	#	#	"	#
			")" ! (")" ! (
			! ((!	! ((!			
			"" %#	"" %#			

3.5

3.5.1

3.5.2

□

3.5.3

3.5.4

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!

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)%

2

3.6

3.6.1

1

Q

!)□!(

!□

3.6.1-1

			t/a	t	
!		9.5% 8% 5% 2.5% 75%	700	30	1t/
"		42-44% 1% 55-57%	1325.6	40	1t/
#		75% 20% 5%	448.9	10	200kg/
		TiO ₂	534.4	10	25kg/
%			684	10	25kg/
			106.9	5	20kg/
		87% 13%	64.1	2	25kg/
(	DMF	99.9%	256.5	5	190kg/
)		99.9%	42.7	2	170kg/
10		30%NaOH	500	20	1t/
!!		98%	40	1	1t/
!"		50% 20% 10% 1- -2- -4- 20%	60	4	50kg/
!#	PAM		20	1	50kg/
!	PAC		80	5	50kg/
!%			1.5	0.4	170kg/
!	DTY	90~92%	600	50	1t/

			t/a	t	
		8~10%			
!	/		103.5	8.625	
!(			24.381	2.032	"
!)			6	0.5	"
"			0.45	0.1125	"
"!			0.15	0.0375	
""			11.4	0.95	"

!)□ ! (

3.6.1-2 Q

		CAS	qn/t	Qn/t	Q
!			"	!	"
"		(□"□	5	%	!
#		! (□(□#	2	!	"
				!	
%		! (□(□#	%	!	%
		(□"□	"	%	
			0.4	"%	!
(50	"%	"
)) (□)#)	!	!	!
!			30	!	#
!!				!	
!"			10	!	!
!#			10	!	!
!			5	!	%
!%			2	!	"
!	PAM		1	!	!
!	PAC		5	!	%
!(("%	!	("%
!)			" #"	"%	(!#
"			%	"%	"

"!			!!"%	"%	%
""			# %	!	# %
"#)%	!)%
					#!#

-#!# ! !

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3.6.1-3 M

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3.6.1-4

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3.6.1-5

	!	"	#
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"	!	"	#
#	!	"	#

3.6.1-6

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"	"
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3.6.1-7

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#	!"

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3.6.1-7

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"	!	"	#
#	!	"	#

3.6.1-8

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#	

3.6.1-9

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!	! ! ! □ ! ! □
!	" #

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3.6.1-10

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	%	(%
		!
		"
!		
	!	
!		
		#
!		
		#

%

-#!# ! !

! #

!□!

3.6.1-11

E	P			
	P1	P2	P3	P4
E1	+			

E2				
E3				
E1	+			
E2				
E3				
E1	+			
E2				
E3				

!□"

3.6.1-12

	+			
				*

!) " !(!

!□#

3.6.1-13

		1.5 m/s	25	F 50%

3.6.2

3.6.2.1

"□

3.6.2-1

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"

#

3.6.3

" " ! !

3.6.3-1

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" " ! !

3.6.4

!

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"

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3.6.4-1

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		"		

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4

4.1

4.1.1

#%
"")(" !
%#!" # "% !! (# !) !
%
" %
" % #' #'
!
" #

4.1.2

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□ %
" " ! %
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!! !

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!# (! # !##

#% #(□ □%

"# # % " (

)# !□

4.1-1

!! (!

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#% #

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!□

220m

4.1-2

4.1-2

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			#		%□	
			"		!	

			!	# □ #%	" "%
				□	
			#	" "	
			#	!	
			"	.!	
			"	!	
			!	!	
			"	!!	
			"	. (
			#		
			1 □ !! !	. %	
			1 □ !! "	. %	□ □



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" !%
!%(!!

! #

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" % % !

! ! # % # ! %

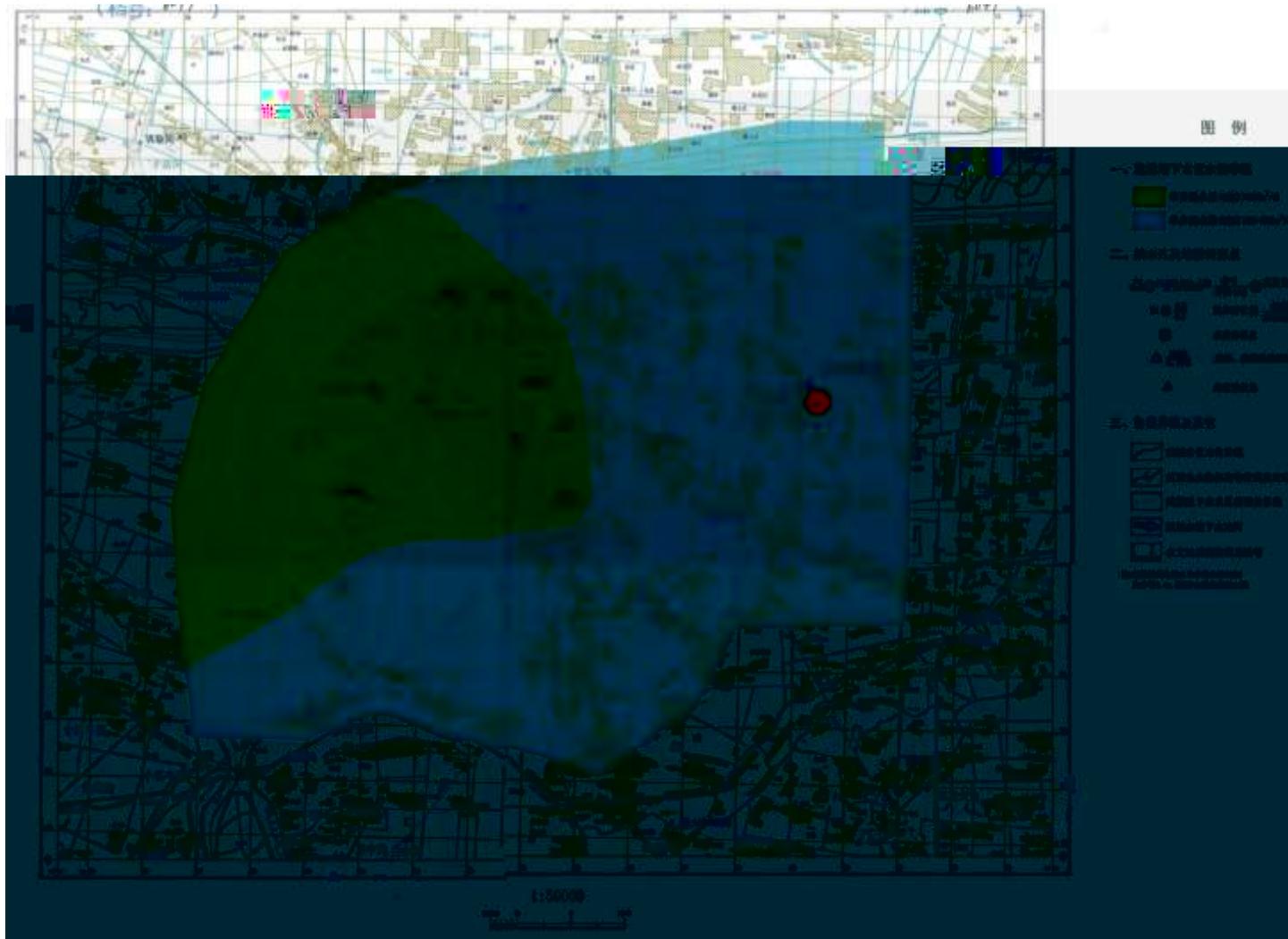
#

! ((# (

" " % (

) % # □

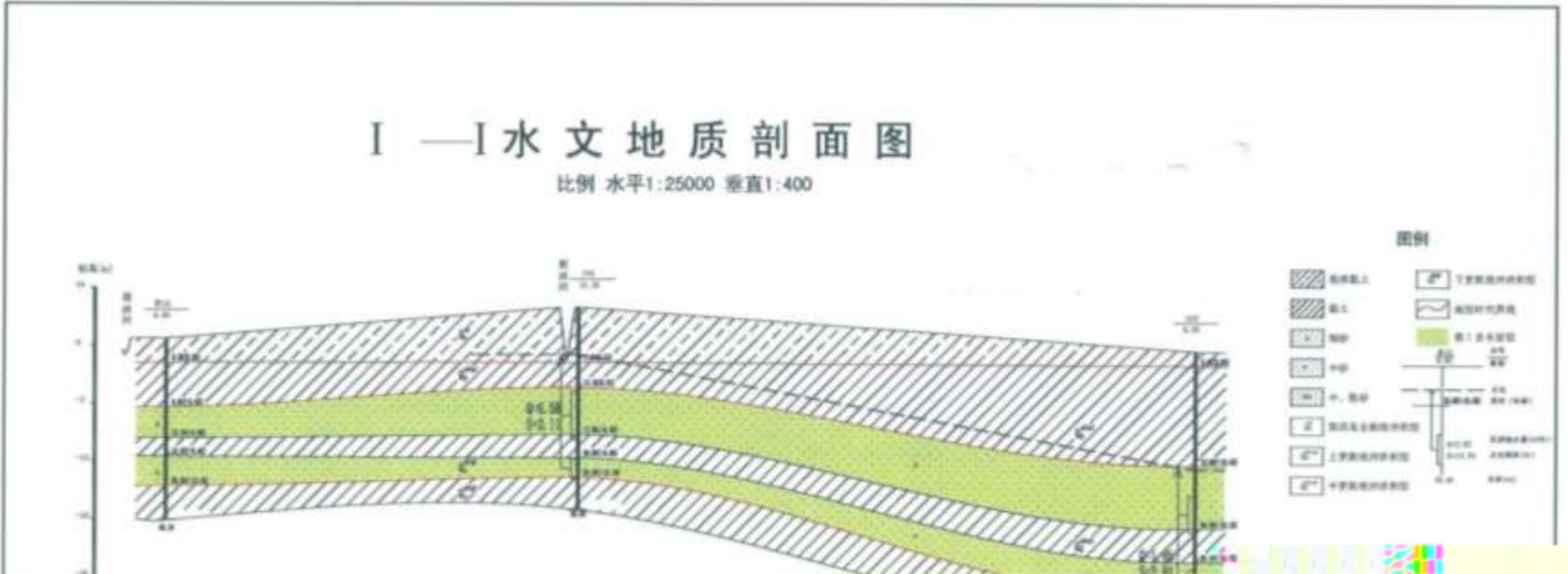
" % () #
□ !% ! #
#□ #□
, □
! #
!□# !□ !□%
!□



4.1-3



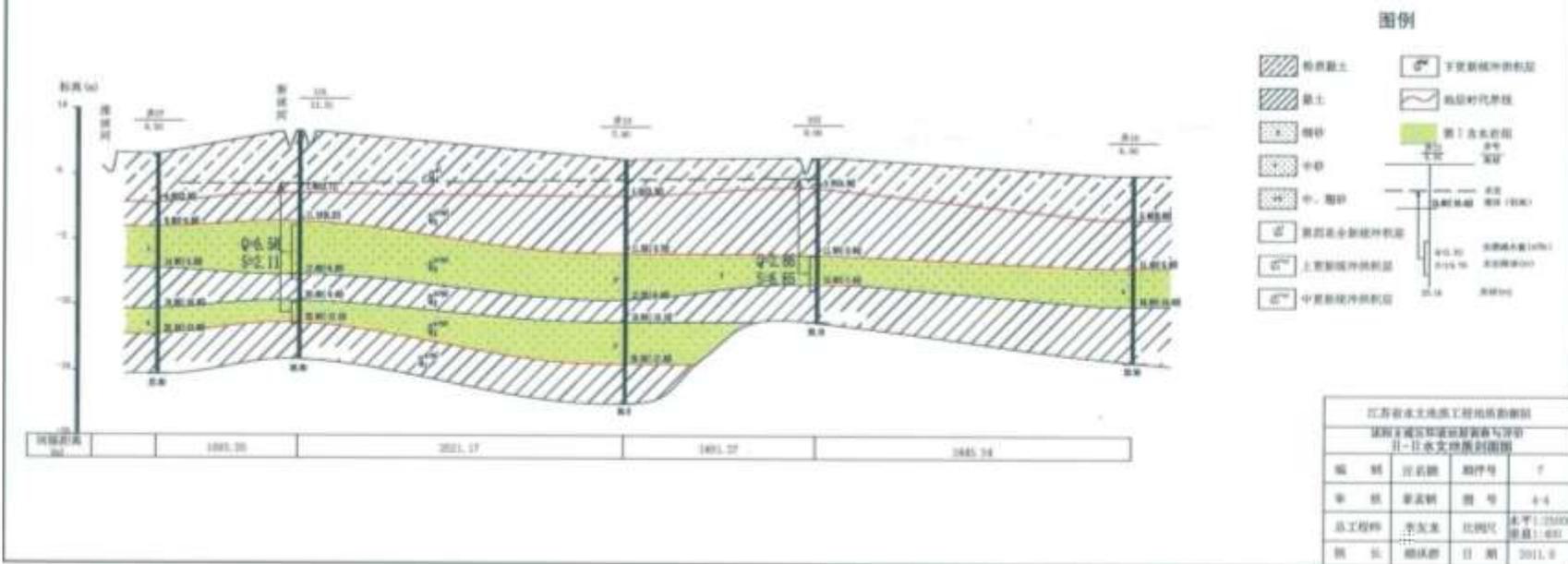
4.1-4



4.1-5 I-I

II—II水文地质剖面图

比例 水平1:25000 垂直1:400



4.1-6 II-II



□

! %

□

!

!

" % % %% (! %"

" ()
) (



! "

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" " !

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) !!

! "

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4.2

4.2.1

4.2.1.1

" "" " ""
" (" % ! " "
! # "# # " (#
" # # # !) #
! # !!! # , ,)
%
" " ! " % #

4.2.1-1 2022

		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	
SO ₂		6	60	
NO ₂		23	40	
PM ₁₀		61	70	
PM _{2.5}		37	35	
O ₃	8	169	160	
CO	24	1000	4000	

2022

[2022]11

"□

" !□

"

4.2.1-2

	/m					/m
	X	Y				
!	668578.67	3776738.96		2022 5 14 ~5 20 1h		
!	670778.45	3777166.82		2022 7 4 ~7 10 1h		"!"
"	670008.05	3777839.64				! (

!

"

" ""

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" ! !(%

#

" "" % ! % "

" ""

!

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)%!" !" %#

4.2.1.3

" ![]#

4.2.1-3

				kPa	/%	m/s		
!	" ""	" *	"%	! "	("	" #		
		(*	"("	! "		" %		
		! *	" "	! !	(" !		
		" *	" %	! !	(%	" "		
	" "" %	" *	" #	! "		" %		
		(*	"	! "	(" %		
		! *	##!	! !	#	" (
		" *	"(%	!	(#!		
	" ""	" *	" !)) ((" (
		(*	"))		" %		
		! *	#!))	%	"		
		" *	"(#))	%	"		
" ""	" *	" "	!		"			
	(*	"%#	! "	%	"			
	! *	")	! !	"	" %			
	" *	" !	! "	%	" #			
" "" (" *	"	! "	("	"			
	(*	# %	! !)	" #			
	! *	##!	!	#	"			
	" *	"	! "	%	" !			
" "")	" *	" %	! !		"			
	(*	"(!	! !		" "			
	! *	#" #)) (#	" #			
	" *	"(!	#	" %			
" "" !	" *	# %	! !	("			
	(*	"("	! ")	" %			
	! *	#" %	!	%	" #			
	" *	"	! "	%	"			
!	" "" !	" *	!	! !	(!		
		(*	!#	! !	(! (
		! *	""	! !"	%	! (
	" "" %	" *	!	! !!	%	! #		

!%	(*	!	!!"	%%	" "		
	! *	"!	!!)	" %		
	" *	!	!!	%	! (
" "" % !	" *	!"	!!"	(!		
	(*	!#	!!!	%	!		
	! *	!)	!!	%	"		
" "" % !	" *	!	!)	#	! %		
	" *	!%	!!		!!		
	(*	""	! (#	! #		
" "" % !	! *	"	!)	#	!		
	" *	"!	!)	%	! (
	" *	!	!!		!		
" "" % !((*	"	! (#	! #		
	! *	"	!!		!		
	" *	""	! (!)		
" "" % !)	" *	!	!))		
	(*	!)	!!	!			
	! *	"	!	(!!		
" "" % "	" *	"!	! %)	!!		
	" *	!	! ((#	!"		
	(*	!)	!	#	!		
" "" % "	! *	"(!)	"		
	" *	"#	!	%	!)		

" !#

$$I_{ij} = C_{ij} / C_{si}$$

□

□

#

□

#

4.2.1-4

	/m				μg/m ³ /	μg/m ³ /	/%	/%
	X	Y						
!	(%(# #()	!	"	!			
			!	!	# ((
			!	"				
			!	"	!!	% %		

	/m				$\mu\text{g}/\text{m}^3$ /	$\mu\text{g}/\text{m}^3$ /	/%	/%	
	X	Y							
!	(% # ! ("		!	"	%)	%			
			!	!	! #	#			
			!	"	"))) %			
"	(% # (#)		!	"	%)	%			
			!	!	! #	#			
			!	"	(!	%			

! #

#

" "□ ! (

%

%

"

" "□

!□

4.2.2-1

W1		500m	pH COD SS LAS
W2		500m	
W3		2000m	

#

" ""

(

#

!

4.2.2.2

4.2.2-2

4.2.2-2

pH COD SS

LAS

2

i j

$$S_{ij} = C_{ij}/C_{sj}$$

S_{ij} i j

C_{ij} mg/L

C_{si}

pH

$$S_{pH,j} = \frac{7.0 - pH_j}{7.0 - pH_{sd}} \dots\dots\dots (pH_j \leq 7.0)$$

$$S_{pH,j} = \frac{pH_j - 7.0}{pH_{su} - 7.0} \dots\dots\dots (pH_j > 7.0)$$

S_{pH,j} pH j

pH_j j pH

pH_{su} pH

pH_{sd} pH

3

GB3838-2002 IV

4

4.2.2-3

4.2.2-3

	pH		COD							
W1	0.4	%	(#	0.97	)	1.0	%	0.60	((
W2	0.4	%	(#	0.97	)	0.98		0.60	((

W3	0.4		(#	0.97	)	0.99	#	0.80	((
	LAS									
W1	(#)								
W2)								
W3	(")"								

GB3838-2002 IV

4.2.3

4.2.3.1

!

" #□ "□

4.2.3-1

!	!	1	"
"	!		
#	!		
	!		

"

" "" % ! % !

#

) □ (

4.2.3.2

!

"

) □ (

% 1 % 1

#

" #□

4.2.3-2				dB(A)			
!	" " " %!	% !	%		#	%%	
"		%%	%		!	%%	
#		%	%		#	%%	
		%# %	%			%%	
!	" " " %!	%	%)	%%	
"		%%"	%		%%	%%	
#		%#	%		%	%%	
		% !	%		(%%	

" #"

) " (

4.2.4

4.2.4.1

1

5

10

4.2.4-1

4.2-3

4.2.4-1

!		# □ □ " □ " □ # □	2021 10 10
"		□ " □ " □ # □ # □	" "# !
#		□ " □ " □ # □ # □	" " " % !(
		□ " □ " □ # □ # □	" "# !

%		□ "□ pH " " #□ #□ () ,	2022 7 1
			2022 7 1
			2022 7 1
()			2022 7 1 " "#

		8.75	37.8	3.20	0.071
		0.612	0.147	"!"	0.194
	("%	0.01L	0.0096	"	0.05
		0.004L		0.004L	
	(	0.07L	0.00468	0.07L	
	#"	123	135	117	/
	(	493	128	213	/
	#	/	147	/	77.6
		/	144	/	212
		630	2	700	230
	/	470	180	530	36

4.2.4-3

m

D1	1.3
D2	1.1
D3	1.4
D4	1.4
D5	1.2
D6	1.6
D7	1.8
D8	1.9
D9	1.6
D10	1.4

4.2.4.3

GB/T14848-

2017

4.2.4-4

4.2.4-4

mg/L pH

		" %	670	452	531	524
		%	746	870	613	602
			/	144	/	212
			/		/	
		#	/	147	/	77.6
			/		/	
			0.004L		0.004L	
			0.004L		0.004L	
			4×10 ⁻⁵ L		4×10 ⁻⁵ L	
		%	0.0013	0.00034	0.0009	0.0008
			0.005L		0.005L	
		(	0.07L	0.00468	0.07L	0.07L
			0.007L		0.007L	0.007L
		!!%	0.554	0.842	0.496	0.121
			630	2	700	230
		/	470	180	530	36
		/				
		("%	0.01L	0.0096	"	0.05

% # % " %)□

GB/T14848-2017

GB/T14848-2017

4.2.5

4.2.5.1

!

"

" %1 "□
 "
 %
 #
 " "" % !(
 4

4.2.5-1

1	T1		0-0.2	45
2	T2		0-0.2	
3	T3		0-0.2	

4.2.5.2

!
 ! #
 # □ !(
 "

	!!			
!!□	!"			
!"□	!#			
!!□	!			
□"□	!#			
□"□	!			
	!%			
!"□	!!			
!!!"□	!"			
!!" "□	!"			
	!			
!!!□	!#			
!!"□	!"			
	!"			
!"#□	!"			
	!			
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	!"			
! □	!%			
!"□	!%			
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	!!			
	!#			
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"□				
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	!			
	!			
!"#□	!			
)			
	!			
!□		!	!	!

#

4.2.5-3

		mg/kg				
			#	#		!
		%	#	#		!
		%	#			
	!(#	#		!
	(#	#		!
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4.3

4.3.1

#!□ #!□#

4.3.1-1

		/m			/m	/m	/	/	/h			(kg/h)
		X	Y	/m	/m	/m	/	/	/h			
!	□ !	(% #!	# (#"	%%	!%	("%	!	"			#"





4.3.2

616194.9 #

3600 #

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5.1

SO₂ NO_x

5.1.1

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5.1.1-1

SO ₂		60	3	GB3095-2012	
	24	150			
	1	500			
	%				
"	!				
!	"%				
PM ₁₀		70			
	24	150			
		"			
	!	"			
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5.1.1-2

		! %
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		Kg/h	mg/m³	P_i %	mg/m³	—
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5.1.2-2

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5.1.3

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%! #□

5.1.3-1

			mg/m ³ /	kg/h /	/ t/a
!					
!	□ !		# "	#"	0.2304
"	□ "		!! #	(1.727
#	□ #		")	2.935
			") #	((0.5716
			#	!#	#%
	□			!)
			SO ₂	##	! #
			NO _x	#! #	"

%

FQ-05

		" "
		!"
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		!
		!)#
		") %)
	SO ₂	!"
		" "
		!"
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2

%! #"

5.1.3-2

						mg/m ³ /	t/a /

7		%"
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5.1.3-4

	- %	5 %		=5 km
SO ₂ +NO _x	"	% "		%
	(SO ₂ NO ₂)			PM _{2.5} PM _{2.5}
	()		D	
				2022
	AERMOD	ADMS	AUSTAL2000	EDMS/AEDT
	CALPUFF			
	%		5 %	- %
		()		PM _{2.5} PM _{2.5}
	C		!	C !
		C		! C !
		C		# C #
		C		# C #
1h	h		C !	C !
	C			C
	k -20%			k -"
	SO ₂ NO _x			
				m
	SO ₂ : 0.0216 t/a	NO _x : 0.2022 t/a	: 3.8099 t/a	: 23.909 t/a
	: 2.587 t/a	: 0.14 t/a	: 0.00542 t/a	

5.1.4

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5.1.4-1

		Kg/h	mg/m³	P_i %	mg/m³	D_{10%}(m)
□ !		#"	"	! "	" □ #	
□ "		"	"	4.12	8.25E-02	
		(%	31.16	1.40E-01	
□ #)	"	1.36	2.73E-02	
□		(("	! !	" " □ !	
		!#	"	!%#)	# (□ "	

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5.1.5-1

	0	1	2	3	4	5
	#					
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"	%	%				(

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5.1.5-2

		ppm	
	#		
	"		

NH₃ H₂S

0.00261mg/m³ 0.0000999mg/m³

5.1.6

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"

#)))□ "

5.1.6-1

		/m	/m	/m	/h		(kg/h)
!		56	"	!"	"		(#
"		60	17	!"	")
#	(68		!"	"		#!)
		%	!"	("		#
						NH ₃	!)
						H ₂ S	(

#))) □

" "

$$\frac{Q_c}{C_m} = \frac{1}{A} (B \cdot L^c + 0.25r^2)^{0.50} \cdot L^D$$

#

1

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5.1.6-2

	5 (m/s)	L m								
		L≤1000			1000 L≤2000			L 2000		
A	<2	400	400	400	400	400	400	80	80	80
	2-4	700	470*	350	700	470	350	380	250	190
	>4	530	350	260	530	350	260	290	190	140
B	<2	0.01			0.015			0.015		

	5 (m/s)	L m					
		L≤1000		1000 L≤2000		L 2000	
	>2	0.021*		0.036		0.036	
C	<2	1.85		1.79		1.79	
	>2	1.85*		1.77		1.77	
D	<2	0.78		0.78		0.57	
	>2	0.84*		0.84		0.76	

470 0.021 1.85 0.84

%! □#

5.1.6-3

	/m	/m	/m		(kg/h)	m	(m)
	56	"	!"		(#))		!
	60	17	!"		#!) ()		%
(68		!"		# ! %)		!
					((("		!
	%	!"	(NH ₃	!(#)"		!
				H ₂ S) "(!

Q/Cm

6# 8# 100 7#

50

3.2.3-

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5.1.7

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5.2

616194.9 #
3600 # " #
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5.2-1

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		BOD ₅					+			
							+			
							A/O			
							+			
							+			
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5.2-2

			t/a						mg/L
!	!!((#) ((# !" ! #	#")
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5.2-3

			mg/L	kg/d	t/a
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			" (#	#)
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			#	#"	!")
			(#	!"	#
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!

$$L_{p(r)} = L_w + D_c - A$$

$$A = A_{div} + A_{atm} + A_{gr} + A_{bar} + A_{misc}$$

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$$L_A(r) = 101 g \left[\sum_{i=1}^8 10^{0.1L_{pi(r)} - \Delta L_i} \right]$$

1

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$$L_{eqg} = 101 g \left[\frac{1}{T} \left(\sum_{i=1}^N t_i 10^{0.1L_{Ai}} + \sum_{j=1}^M t_j 10^{0.1L_{Aj}} \right) \right]$$

"

,

! "

$$L_{p2} = L_{p1} - (TL + 6)$$

#

$$L_{eqg} = 101 g \left(\frac{1}{T} \sum_i t_i 10^{0.1L_{Ai}} \right)$$

1

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$$L_{eq} = 101 g \left(10^{0.1L_{eqg} + 0.1L_{eqb}} \right)$$

1

1

5.3.2

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5.3-1

	/m				dB(A)	dB(A)	
	!)	!"		%	%	
	!)	!"		%	%%	
	(#		!"		(#	%	
	(#		!"		(#	%%	
)	!"		% %	%	
)	!"		% %	%%	
	(#	!(!"		%#"	%	
	(#	!(!"		%#"	%%	

5.4.2-1

t/a

#

5.4.4-1

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5.4.5

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0.5m

1.0×10^{-7}

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5.5

5.5.1

3300m

1

5

1

20

0.40-0.60m

2

1.00~1.80m

0.4~0.6m

4.83MPa

1.846MPa

140KPa

3

3.70~5.20m

1.5~2.3m

5.67MPa

4.771MPa

180KPa

4

~

7.70~9.20m

5.5~7.1m

8.22MPa

3.286MPa

200KPa

5

14.3~15.1m

200Kpa

13.55MPa

钻孔柱状图

工程名称		厂区				工程编号	2022013-206				
孔号	K1		坐标	X=188.7m Y=113.4m		钻孔直径	120mm		稳定水位深度	1.60m	
孔口标高	-0.43m		标			初见水位深度	-1.70m		测量日期		
地质时代	层号	层底标高 (m)	层底深度 (m)	分层厚度 (m)	柱状图 1:100	岩性描述		标高 中点 深度 (m)	标高 实测 数据	附 注	
Q ₄ ^{al}	1	-0.97	0.50	0.50		素填土: 黄褐色, 可塑, 稍湿, 松散, 主要由粘土组成, 堆积年代为20年, 土质较均匀。		4.15	23.0		
Q ₄ ^{al}	2	-1.33	1.90	1.40		粘土: 灰褐色, 黄褐色, 可塑, 摇震反应无, 切面光滑有光泽, 干强度高, 韧性中等, 含铁锰结核。					
						粘土: 黄褐色, 黄绿色, 可塑, 摇震反应无, 切面光滑有光泽, 干强度高, 韧性强, 含铁锰结核和大量钙质结核。		4.15	23.0		
Q ₄ ^{al}	3	-6.03	6.40	4.30		粘土: 黄褐色, 棕黄色, 可塑~硬塑, 摇震反应无, 切面光滑有光泽, 干强度高, 韧性强, 含铁锰结核。		6.15	23.0		
						粘土: 黄褐色, 棕黄色, 可塑~硬塑, 摇震反应无, 切面光滑有光泽, 干强度高, 韧性强, 含铁锰结核。		12.15	28.0		
Q ₄ ^{al}	4	-14.30	14.50	8.10	粘土: 棕黄色, 黄色, 硬塑, 摇震反应无, 切面光滑有光泽, 干强度高, 韧性强, 含铁锰结核, 本层未揭穿。		17.15	28.0			
Q ₄ ^{al}	5	-20.43	20.00	5.50							

5.5.1-1



5.5.1-2

2

HJ610-2016

1.4~1.7m

1.40-2.40m

1.4~1.7m

1.40 1.73m

3 5

0.60m

1.80m

1.20

1.40~2.40m

5.5.1-2

	. - ! , - ! □
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5.5.2

5.5.2.1

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5.5.2.2

HJ 610-2016





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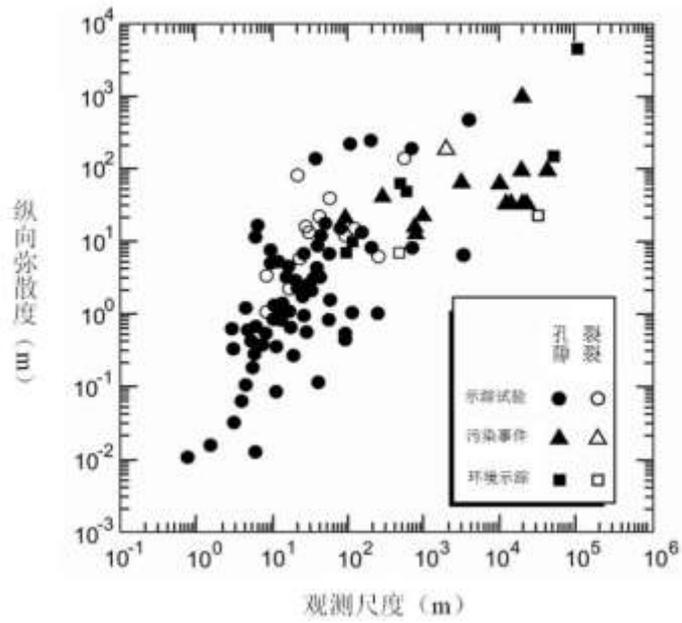
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5.5.2-1

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5.5.2-2

	m/d	‰	m		U m/d	D _L m ² /d
			α_L	α_t		
	!	!	!	!	" %! □	!) ! #

5

"" (mg/L

((□ !

3.0mg/L

500d 1000d 5000d

5.5.2-3

5.5.2-4

5.5.2-3

mg/L

t/d	x/m							
	0	2	4	8	10	20	30	40
500	220.8	31.6	0.73	0.001	0.001	0.001	0.001	0.001
1000	220.8	67.8	8.89	0.008	0.001	0.001	0.001	0.001
5000	220.8	147.7	87.3	17.9	6.08	0.0013	0.001	0.001

5.5.2-4

t	x/m
0	

mg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
------	-----	-----	-----	-----	-----	-----	-----	-----

5.6

5.6.1

"

5.6.2

"

% □

5.6-1

		%

5.6-2

	3.37867 hm ²	

5.8

5.8.1

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-#!# !

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5.8.2

5.8.2.1

!

$$Q_L = C_d A \rho \sqrt{\frac{2(P - P_0)}{\rho} + 2gh}$$

Q_L

kg/s

P

Pa

P ₀	Pa
	kg/m ³
g	9.81m/s ²
h	m
C _d	5.8.2-1
A	m ²

5.8.2-1

Cd

Re			
!	%		%
!	%	%	

10min

2

$$F_v = \frac{C_p(T_T - T_b)}{H_v}$$

$$Q_l = Q_L \times F_v$$

F_v

T_T	K
T_b	K
H_v	J/kg
C_p	J/ kg·K
Q_l	kg/s
Q_L	k/s

$$Q_2 = \frac{\lambda S (T_0 - T_b)}{H \sqrt{\pi a t}}$$

Q_2	kg/s
T_0	K
T_b	K
H	J/kg
t	s

5.11.2-3 W/ m·K

S m²

5.8.2-2 m²/s

5.8.2-2

	λ [W/ m·K]	α / m ² /s
	!!	!) ! □
()	# ! □
	#	" # ! □
		## ! □
	" %	!! ! □

$$Q_3 = ap \frac{M}{RT_0} u^{\frac{(2-n)}{(2+n)}} r^{\frac{(4+n)}{(2+n)}}$$

Q_3 kg/s
 p Pa
 R J/ mol·K
 T_0 K
 M kg/mol
 u m/s
 r m

n 5.8.2-3

5.8.2-3

	n	α
	#	%" (%! #

~~$$W = Q_1 + Q_2 + Q_3$$~~

W_p kg
 Q_1 kg/s
 Q_2 kg/s
 Q_3 kg/s
 t_1 s
 t_2 s
 t_3 s

30min

3

HJ169-2018

5.8.2-4

5.8.2-4

		! %
		" %
		%
		#

% (" □ %

5.8.2-5

		kg	m ²	kg/s	
1		170	70	1.9127E-02	
2		200	70	1.5426E-02	

% (" □

5.8.2-6

		CAS	-1 / mg/m ³	-2 / mg/m ³
1		108-88-3	14000	2100
2		7664-93-9	160	8.7

!) □ ! (

1

1

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5.8.2-7

1			AFTOX
2		HJ169-2018	SLAB

SLAB

5.8.2-8

5.8.2-8

!				" "
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#				#(%
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				"# " #%
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5.8.2-9

(m)	(min)	(mg/m ³)
10	0.083333	2.59E-06
20	0.16667	1.3253
30	0.25	21.441
40	0.33333	55.096
50	0.41667	79.713
60	0.5	91.703
70	0.58333	95.226
80	0.66667	94.304
90	0.75	91.376
100	0.83333	87.672
150	1.25	69.027
200	1.6667	54.271
250	2.0833	43.19
300	2.5	34.952
350	2.9167	28.782
400	3.3333	24.089
450	3.75	20.456

500	4.1667	17.595
600	5	13.443
700	5.8333	10.634
800	6.6667	8.6452
900	7.5	7.1832
1000	8.3333	6.0757
1100	9.1667	5.2154
1200	10	4.5328
1300	10.833	3.9816
1400	11.667	3.5294
1500	12.5	3.1993
1600	13.333	2.9401
1700	14.167	2.7155
1800	15	2.5193
1900	15.833	2.3466
2000	16.667	2.1936
2100	17.5	2.0573
2200	18.333	1.9351
2300	19.167	1.8251
2400	20	1.7255
2500	20.833	1.6351
2600	21.667	1.5526
2700	22.5	1.4772
2800	23.333	1.4079
2900	24.167	1.3442
3000	25	1.2853
3100	25.833	1.2307
3200	26.667	1.1801
3300	27.5	1.1331
3400	28.333	1.0892
3500	29.167	1.0482
3600	30	1.0098
3700	34.833	0.97376
3800	35.667	0.93996
3900	36.5	0.90816
4000	37.333	0.87819
4100	38.167	0.84991
4200	39	0.82319
4300	39.833	0.7979
4400	40.667	0.77393
4500	41.5	0.7512
4600	42.333	0.72961

4700	43.167	0.70908
4800	44	0.68954
4900	44.834	0.67092
5000	46.667	0.65316

5.8.2-10

		(mg/m ³)	X (m)	X (m)	(m)	X m
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5.8.2-11

5.8.2-12

5.8.2-11

(m)	(m)	(mg/m ³)
10	36	4.95E+03
20	72	3.87E+03
30	106	3.14E+03
40	138	2.57E+03
50	162	2.02E+03
60	186	2.26E+03
70	198	1.37E+03
80	208	1.16E+03
90	216	1.05E+03
100	222	9.64E+02
110	226	8.69E+02
120	230	7.94E+02
130	234	7.33E+02
140	236	6.78E+02
150	238	6.28E+02
160	240	5.86E+02
170	242	5.49E+02
180	242	5.13E+02
190	244	4.82E+02
200	246	4.54E+02
210	246	4.30E+02
220	248	4.06E+02
230	248	3.85E+02
240	248	3.65E+02
250	250	3.47E+02
260	250	3.30E+02
270	250	3.14E+02
280	252	2.99E+02
290	252	2.85E+02
300	252	2.72E+02

310	252	2.60E+02
320	254	2.49E+02
330	254	2.39E+02
340	254	2.30E+02
350	254	2.21E+02
360	254	2.13E+02
370	254	2.05E+02
380	254	1.97E+02
390	256	1.90E+02
400	256	1.84E+02
410	256	1.78E+02
420	256	1.72E+02
430	256	1.67E+02
440	256	1.62E+02
450	256	1.57E+02
460	256	1.53E+02
470	256	1.48E+02
480	258	1.44E+02
490	258	1.40E+02
500	258	1.36E+02
510	258	1.32E+02
520	258	1.28E+02
530	258	1.25E+02
540	258	1.22E+02
550	258	1.19E+02
560	258	1.16E+02
570	258	1.13E+02
580	258	1.11E+02
590	258	1.08E+02
600	258	1.06E+02
610	258	1.03E+02
620	258	1.01E+02
630	258	9.84E+01
640	258	9.62E+01
650	258	9.41E+01
660	258	9.21E+01
670	258	9.01E+01
680	258	8.82E+01
690	258	8.64E+01
700	258	8.47E+01
710	258	8.30E+01
720	258	8.15E+01
730	258	7.99E+01
740	258	7.85E+01
750	258	7.70E+01
760	258	7.56E+01
770	258	7.41E+01
780	258	7.27E+01
790	258	7.13E+01
800	258	7.00E+01
810	258	6.87E+01
820	258	6.75E+01

830	256	6.63E+01
840	256	6.51E+01
850	256	6.40E+01
860	256	6.29E+01
870	256	6.18E+01
880	256	6.08E+01
890	256	5.98E+01
900	256	5.88E+01
910	256	5.79E+01
920	256	5.70E+01
930	256	5.61E+01
940	256	5.53E+01
950	254	5.45E+01
960	254	5.37E+01
970	254	5.29E+01
980	254	5.21E+01
990	254	5.13E+01
1000	254	5.05E+01
1010	254	4.97E+01
1020	254	4.89E+01
1030	254	4.82E+01
1040	252	4.75E+01
1050	252	4.68E+01
1060	252	4.61E+01
1070	252	4.55E+01
1080	252	4.48E+01
1090	252	4.42E+01
1100	252	4.36E+01
1110	250	4.30E+01
1120	250	4.24E+01
1130	250	4.18E+01
1140	250	4.13E+01
1150	250	4.07E+01
1160	250	4.02E+01
1170	248	3.97E+01
1180	248	3.92E+01
1190	248	3.87E+01
1200	248	3.82E+01
1210	248	3.77E+01
1220	248	3.73E+01
1230	246	3.68E+01
1240	246	3.64E+01
1250	246	3.60E+01
1260	246	3.55E+01
1270	246	3.51E+01
1280	246	3.46E+01
1290	244	3.42E+01
1300	244	3.38E+01
1310	244	3.34E+01
1320	244	3.30E+01
1330	242	3.26E+01
1340	242	3.22E+01

1350	242	3.18E+01
1360	242	3.14E+01
1370	242	3.11E+01
1380	240	3.07E+01
1390	240	3.03E+01
1400	240	3.00E+01
1400	240	3.00E+01
1410	240	2.97E+01
1420	238	2.93E+01
1430	238	2.90E+01
1440	238	2.87E+01
1450	238	2.84E+01
1460	238	2.81E+01
1470	236	2.78E+01
1480	236	2.75E+01
1490	236	2.72E+01
1500	236	2.69E+01
1510	234	2.66E+01
1520	234	2.64E+01
1530	234	2.61E+01
1540	234	2.58E+01
1550	232	2.56E+01
1560	232	2.53E+01
1570	232	2.51E+01
1580	230	2.48E+01
1590	230	2.46E+01
1600	230	2.44E+01
1610	230	2.41E+01
1620	228	2.39E+01
1630	228	2.36E+01
1640	228	2.34E+01
1650	226	2.32E+01
1660	226	2.29E+01
1670	226	2.27E+01
1680	226	2.25E+01
1690	224	2.23E+01
1700	224	2.20E+01
1710	224	2.18E+01
1720	222	2.16E+01
1730	222	2.14E+01
1740	222	2.12E+01
1750	220	2.10E+01
1760	220	2.08E+01
1770	220	2.06E+01
1780	218	2.04E+01
1790	218	2.02E+01
1800	218	2.00E+01
1810	216	1.98E+01
1820	216	1.97E+01
1830	216	1.95E+01
1840	214	1.93E+01
1850	214	1.91E+01

1860	214	1.90E+01
1870	212	1.88E+01
1880	212	1.86E+01
1890	210	1.85E+01
1900	210	1.83E+01
1910	210	1.82E+01
1920	208	1.80E+01
1930	208	1.79E+01
1940	208	1.77E+01
1950	206	1.76E+01
1960	206	1.74E+01
1970	204	1.73E+01
1980	204	1.71E+01
1990	204	1.70E+01
2000	202	1.69E+01
2010	202	1.67E+01
2020	200	1.66E+01
2030	200	1.65E+01
2040	200	1.63E+01
2050	198	1.62E+01
2060	198	1.61E+01
2070	196	1.60E+01
2080	196	1.58E+01
2090	194	1.57E+01
2100	194	1.56E+01
2110	194	1.54E+01
2120	192	1.53E+01
2130	192	1.52E+01
2140	190	1.51E+01
2150	190	1.49E+01
2160	188	1.48E+01
2170	188	1.47E+01
2180	186	1.46E+01
2190	186	1.45E+01
2200	184	1.44E+01
2210	184	1.42E+01
2220	182	1.41E+01
2230	182	1.40E+01
2240	180	1.39E+01
2250	180	1.38E+01
2260	178	1.37E+01
2270	178	1.36E+01
2280	176	1.35E+01
2290	176	1.34E+01
2300	174	1.33E+01
2310	174	1.32E+01
2320	172	1.31E+01
2330	172	1.30E+01
2340	170	1.29E+01
2350	168	1.28E+01
2360	168	1.27E+01
2370	166	1.26E+01

2380	166	1.25E+01
2390	164	1.24E+01
2400	164	1.24E+01
2410	162	1.23E+01
2420	160	1.22E+01
2430	160	1.21E+01
2440	158	1.20E+01
2450	156	1.19E+01
2460	156	1.18E+01
2470	154	1.18E+01
2480	154	1.17E+01
2490	152	1.16E+01
2500	150	1.15E+01
2510	150	1.15E+01
2520	148	1.14E+01
2530	146	1.13E+01
2540	146	1.12E+01
2550	144	1.12E+01
2560	142	1.11E+01
2570	140	1.10E+01
2580	140	1.09E+01
2590	138	1.09E+01
2600	136	1.08E+01
2610	134	1.07E+01
2620	134	1.07E+01
2630	132	1.06E+01
2640	130	1.05E+01
2650	128	1.05E+01
2660	126	1.04E+01
2670	126	1.03E+01
2680	124	1.03E+01
2690	122	1.02E+01
2700	120	1.01E+01
2710	118	1.01E+01

5.8.2-12

		(mg/m ³)	X (m)	X (m)	(m)
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FQ-2 29.35t/a 17.27t/a

2.935t/a 1.727t/a

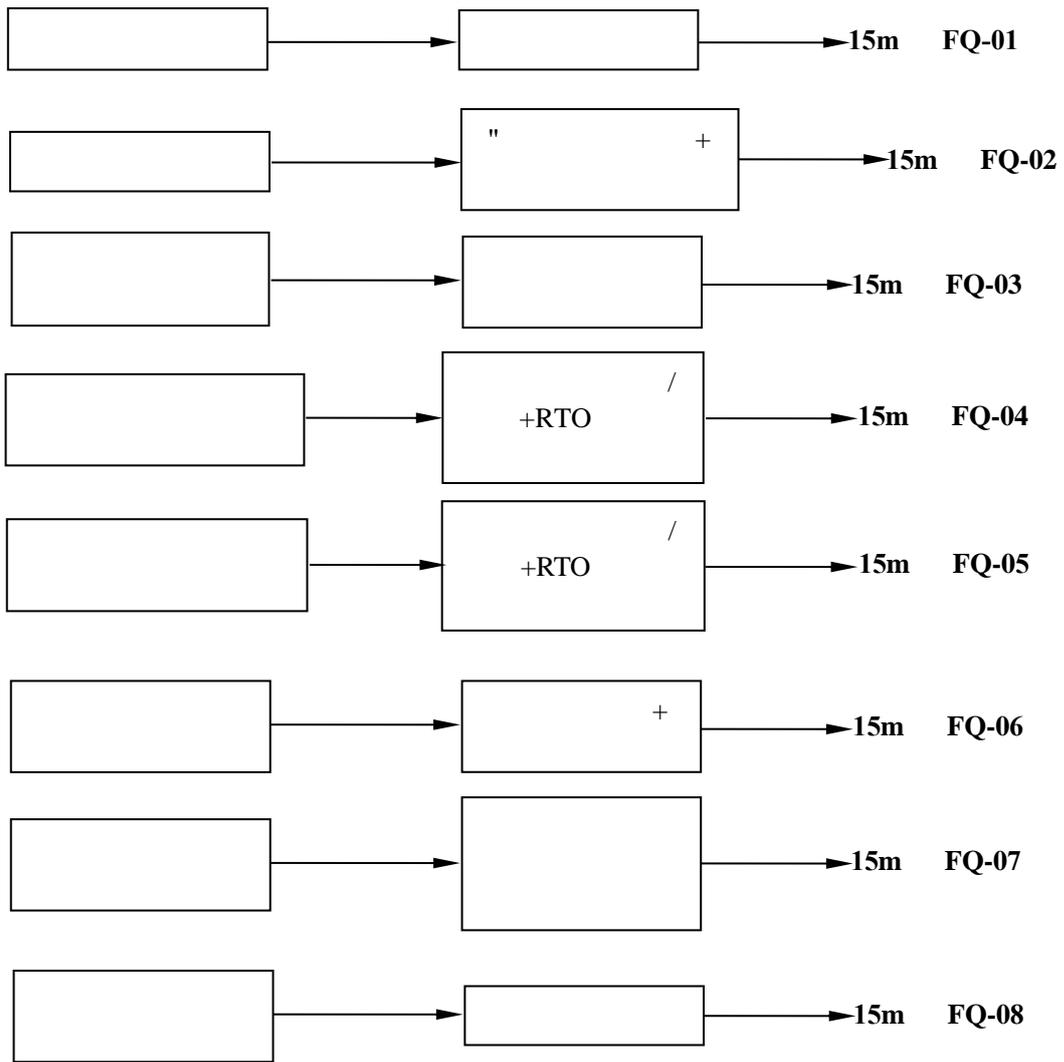
DB32/4041-2021 1

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	+	+		15m		FQ-03	
			5.833t/a	4			40000m ³ /h
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	5.716t/a			0.5716t/a			
			DB32/4041-2021	1			
		6				6	
	1		10000m ³ /h		99%	3	
		/	+RTO			6	2
	/	+RTO					15m
FQ-04	FQ-05			97%			
							427.5t/a
			211.61t/a				FQ-
6.35t/a	FQ-%				211.61t/a		
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	RTO					#	m ³ /a
						-	HJ953-2018
F.3				FQ-04	SO ₂	NO _x	
0.0103t/a	0.0072t/a	0.0674t/a	FQ-05		SO ₂	NO _x	0.0103t/a
0.0072t/a	0.0674t/a						
							DB32/4041-2021
	1			SO ₂	NO _x		
	DB32/3728-2020	1					
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DB32/4041-2021	1			
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				/ +RTO
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	t/a		!(000m ³ /h	9%%
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	!!) t/a			
DB32/4041-2021	1			
RTO				# m ³ /a
				- HJ953-2018
F.3			FQ-0	SO ₂ NO _x
0.0103t/a	0.0072t/a	0.0674t/a		
				DB32/4041-2021 1
		SO ₂ NO _x		
DB32/3728-2020	1			
5				
		15	FQ-08	
	0.648t/a	0.0251t/a		12000m ³ /h
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80%	FQ- (0.127t/a	0.00492t/a	
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HJ 978-2018

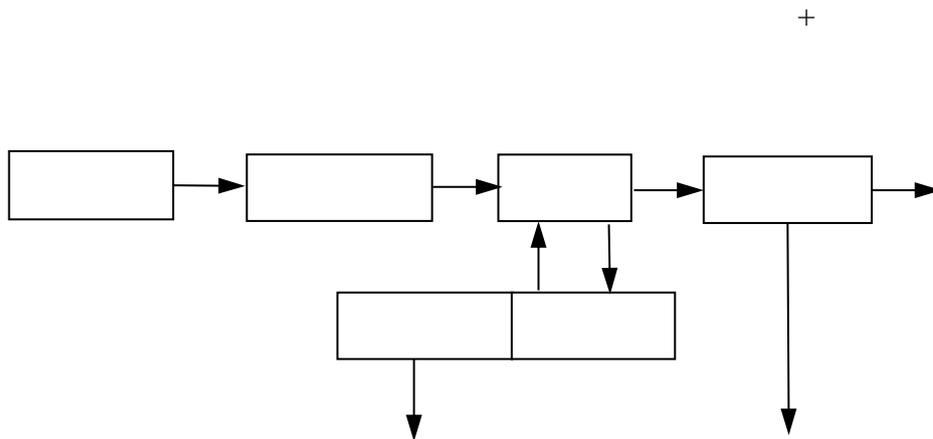
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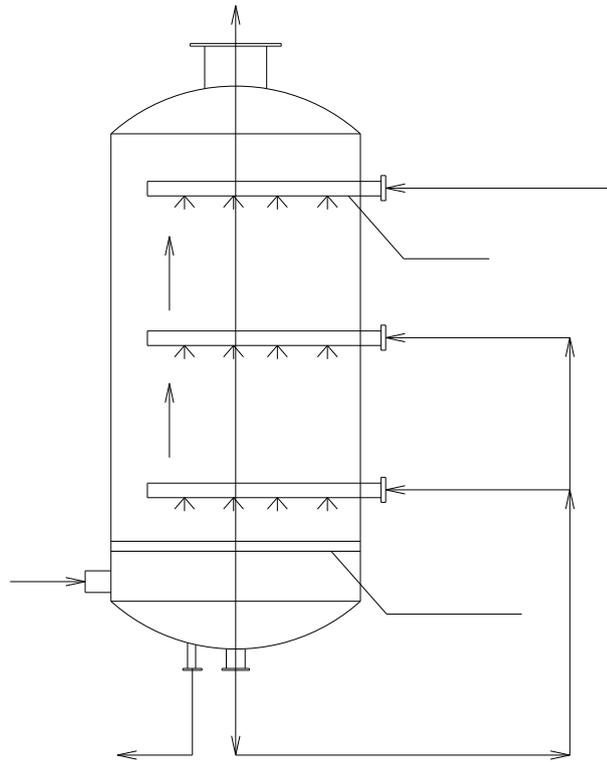
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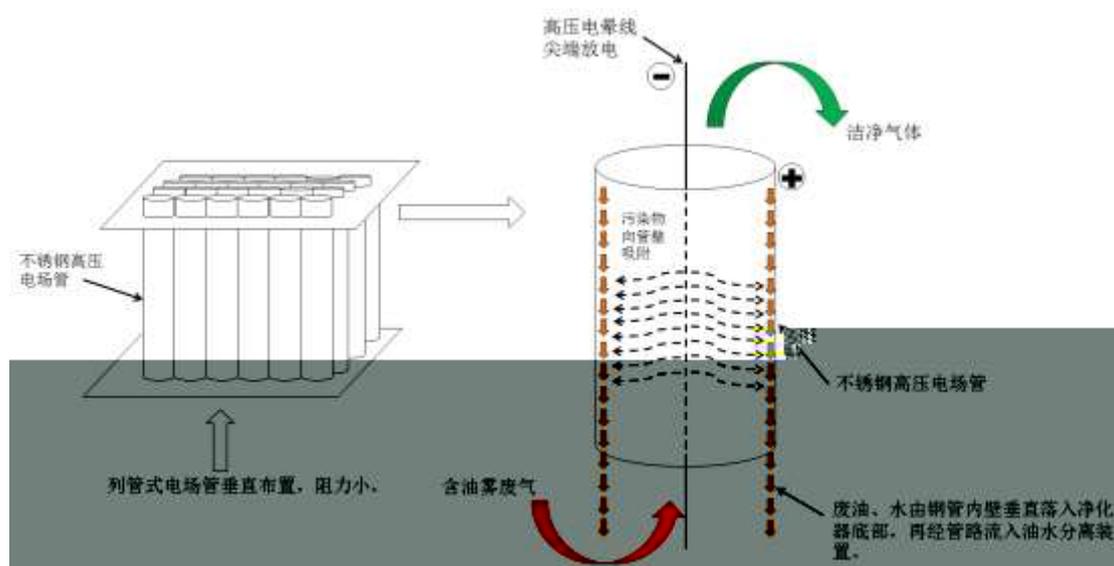


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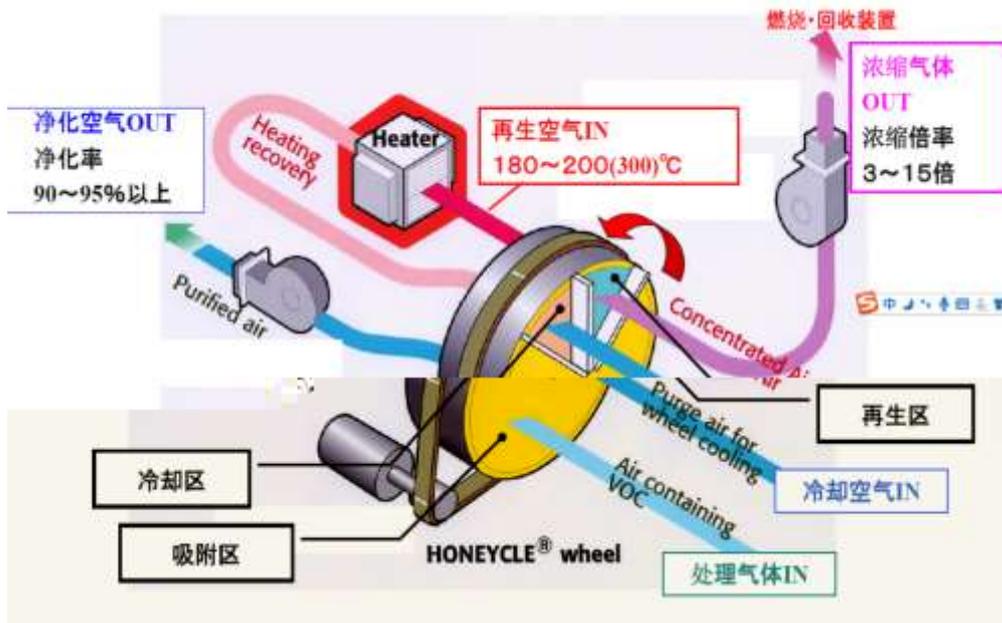
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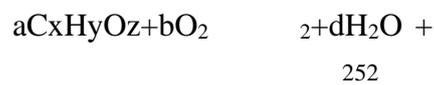
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检测报告
报告编号: AG2021020002 第 3/3 页

废气 (有组织) 2021.08.11

检测项目	检测项目	单位	检测结果	标准限值
排气筒 3#出口	排气筒高度	m	12	—
	排气筒内径	m ²	3.22	—
	排气温度	℃	23.8	—
	烟气流速	m/s	8.81	—
	动压	Pa	89	—
	静压	kPa	-0.02	—
	大气压	kPa	101.02	—
	标况排气量	m ³ /h	89238	—
	丁酮排放浓度	mg/m ³	0.77	—
	丁酮排放速率	kg/h	0.908	—
	四氢呋喃排放浓度	mg/m ³	ND	—
	四氢呋喃排放速率	kg/h	—	—
	乙醇乙酯排放浓度	mg/m ³	0.12	—
	乙醇乙酯排放速率	kg/h	0.14	—
	备注	1. 标准限值参照《GB 16161-2015》 2. ND 表示未检出, 约等于检出限为 3.3 mg/m ³ 3. 本报告中所列数据均以 CMA 资质范围内, 乙醇乙酯分在江苏省环境监测站备案有资质。		

*****报告结束*****

CTI 华测检测 报告编号: AG2021020002 第 3/3 页

CTI 华测检测
检测结果
报告编号: A2210278201101C06 第 3 页 共 6 页

样品信息:

样品名称	工业废气 (有组织)	采样人员	魏国江, 赵静
采样日期	2021-07-31	检测日期	2021-07-31-2021-08-01
采样方式	连续/瞬时	样品状态	完好

检测结果:

检测项目	检测项目	样品编号	检测结果 mg/m ³	排放速率 kg/h	标干流量 m ³ /h
有组织废气出口	丁酮	SUN73048010	4.80-148	25.4	40779
		SUN73048012	1.09-148		
		SUN73048013	1.02-148		
		平均值	8.63-148		
有组织废气出口	乙醇	SUN73048018	29.4	0.649	40779
		SUN73048019	13.3		
		SUN73048020	19.6		
		平均值	20.8		

排气参数:

排气参数	温度 °C	流速 m/s	大气压 kPa	截面 m ²	标干流量 m ³ /h
SUN73048010	32	14.0	99.6	1.3273	41487
SUN73048012	32	14.0	99.6	1.3273	41488
SUN73048013	32	13.3	99.7	1.3273	39211

备注: 1. 有组织废气出口为 1.5m*0.85m 的矩形风管, 采样孔位于管径下游 30mm, 位于管径上游 30mm, 采样孔直径 10mm.
2. 数据仅供参考。

CTI 华测检测 报告编号: AG2021020002 第 3 页 共 6 页

CTI 华测检测
检测结果
报告编号: A2210278201101C06 第 4 页 共 6 页

样品信息:

样品名称	工业废气 (有组织)	采样人员	汪武, 黄晓娟
采样日期	2021-07-31	检测日期	2021-07-31-2021-08-01
采样方式	连续/瞬时	样品状态	完好

检测结果:

点位名称	检测项目	样品编号	排放浓度 mg/m ³	排放速率 kg/h	标干流量 m ³ /h	排气筒高度 m
有组织废气出口	丁酮	SUN73048013	ND	/	39249	20
		SUN73048014	ND			
		SUN73048015	ND			
	乙醇	SUN73048010	ND	/	39249	
		SUN73048011	0.6			
		SUN73048012	ND			

排气参数:

排气参数	温度 °C	流速 m/s	大气压 kPa	截面 m ²	标干流量 m ³ /h
SUN73048010	131	13.7	99.2	1.3273	39923

备注: 1. 有组织废气出口为 1.5m*0.85m 的矩形风管, 采样孔位于管径下游 30mm, 位于管径上游 30mm, 采样孔直径 10mm.
2. 数据仅供参考。

CTI 华测检测 报告编号: AG2021020002 第 4 页 共 6 页

CTI 华测检测
检测结果
报告编号: A2210278201101C06 第 5 页 共 6 页

样品信息:

样品名称	工业废气 (有组织)	采样人员	魏国江, 赵静
采样日期	2021-07-31	检测日期	2021-07-31-2021-08-01
采样方式	连续/瞬时	样品状态	完好

检测结果:

检测项目	检测项目	样品编号	检测结果 mg/m ³	排放速率 kg/h	标干流量 m ³ /h
有组织废气出口	乙醇乙酯	SUN73048023	0.75	22.3	40779
		SUN73048024	0.70		
		SUN73048025	0.86		
		平均值	0.78		
有组织废气出口	甲苯	SUN73048019	21	0.779	40779
		SUN73048020	12		
		SUN73048021	25		
		平均值	19		
有组织废气出口	甲苯	SUN73048022	279	9.78	40779
		SUN73048026	1.10		
		平均值	141		
		SUN73048010	1.00-148		
有组织废气出口	甲苯	SUN73048018	1.00-148	30.3	40779
		SUN73048019	1.39-148		
		平均值	1.69-148		

排气参数:

排气参数	温度 °C	流速 m/s	大气压 kPa	截面 m ²	标干流量 m ³ /h
SUN73048010	32	14.0	99.6	1.3273	41487
SUN73048012	32	14.0	99.6	1.3273	41488
SUN73048013	32	13.3	99.7	1.3273	39211

备注: 1. 有组织废气出口为 1.5m*0.85m 的矩形风管, 采样孔位于管径下游 30mm, 位于管径上游 30mm, 采样孔直径 10mm.
2. 数据仅供参考。

CTI 华测检测 报告编号: AG2021020002 第 5 页 共 6 页

6.1.2-7

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DB32/4041-2021

GB14554-93

15m

15m

12m

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HJ2000-2010

15m/s

15.0~15.7m/s

4

GB/T16157-1996

6

3

D 2AB/(A+B)

A B

80mm

50mm

40mm

1.5m²

1.1m

1.2-1.3m

6.1.6

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6.1.6-1

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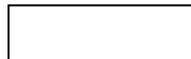
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6.2.1-3

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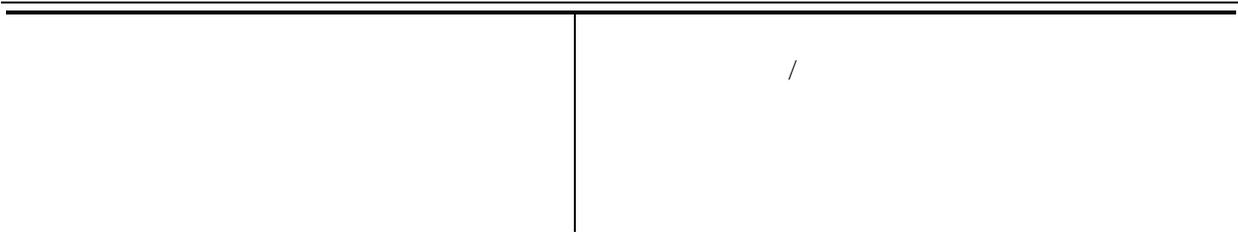
	<p>1. 200cm</p> <p>2. 120cm×80cm</p> <p>1</p> <p>2</p> <p>3</p> <p>3. 5mm</p>
	<p>1.</p> <p>2. 20cm×20cm</p> <p>1</p> <p>10cm×10cm</p> <p>2</p> <p>3</p> <p>3. 1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>

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6.4.2-3

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GB34330 HJ1091



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GB50016-2014

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6.6.1-2

6.6.1.12

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6.6.3-1

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6.8-1

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8.2.1-1

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8.2.2

8.2.2-1

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8.2.3

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8.2.3-1

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8.2.3-2

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8.2.3-3

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8.2.3-4

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8.2.3-5

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8.2.3-6

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8.2.3-7

8.2.3-7

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8.3.2

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4 VOCs

(HJ 879-2017)

HJ 861-2017

DB32/4041-2021

8.3.2-1

8.3.2-1

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(HJ 879-2017)

HJ 861-2017

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8.3.2-2

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8.3.3-1

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8.3.3-2

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