.... 1

w̄ ȁ ’ 2

Ꮒ ȁ № 24

ȁ Ꞁ ȁ Ḡ ŭ̋ ᴇ ‰ 74

ȁ ħ ڤ ˇ Ḡ 84

ȷ ȁ Ḡ Ꞁ 108

Ē ȁ 109

ʿ Ɋ ʻʻ

Ղ	ȝ ˥		
ʖ			
˥ ᵝ ᵳ			
ݾ	ʮ : ʮ _ ĸ ȉ ˀ ܣ 2 ʮ ı м ˋĘ ʎ ˥ ṗ		
ݾ ݶ	ˆ 121 03 № 00.19 ˘ 32 32 № 39.07 ˜		
ݸ ȝ ≢	G5942 ʮ ı ݒ ˥ Ữ	ȝ ≢	ʝ ʮ ȁ ȝ ȁ ȝ 59 ʮ ݒ ˥ Ữ 594 ƀ ʠ ƀ ʠ ˜
	☑ ˆ ˜ Ǵ Ǵ Ǵ		☑ Ǵ ƀ ʒ ‰ ʘ ˑP ☐ ʝ Ǵ ı
ˆ ‰ / ˜ ˆ ˜	ĸ ȉ ˀ	ˆ ‰/ ˜ ˆ ˜	Ȑ 2024 ȓ 218
ˆ ʾ ˝Ḥ˜			
Ḡ ʎ ˆ %˜			

ˎ ☑ ˋ ݾ ˜
☐ ʿ ___ ˆ m²˜

⅞ 2020-2030 [2021]24

№ 1.1-1

1.1-1 №

		№
1	2022 3	18

		Ḡ ○ ȝ Ъ῾Ḥ κ ᵥ ȁ ʾ ķ ᠊ ⅞ ‎شمِ ϒ Ъ ı Â ᠊ ⅞ ṗ ‎نجى ꭓ ᵞ ○ ȝ 30 ˆ ⅞ 20 ȁ ⅞ 10 ˜ ˘ ⌠ 2030 ˘ └ ʿ ○ ȝ Ъ 15 ȁ ᠊ ○ ȝ Ъ 10 Â	
	2	ˆ Ꞵ˜ w̄ п ı ÂꞤ ‎طى ˘ ɢ ı ȁ ı ȝ ˘ щ Ꞙ˘ ˜ w̄ ⅞ Âķ ᠊ ћ ΰ ȁPTA Ӣ 2 ‎بس ˘ └ Ъ 250ʾ ⁻/ PTA ȁ 180ʾ ⁻/ ȁ 120ʾ ⁻/ ʾ 30ʾ ⁻/ ṗ ȁ 30ʾ ⁻/ PA6 Â ᠊ ʾ ϒ ᠊ Ъ ȁ “ ı ʿ └ ” ȁ “ ı ‎بس ⩘ └ ” Ʊ ˘ ʿ ᠊ ○ ȝ Ꞙ ‎نجى √˘ Ꞙ ‎شمسى Ъ Ҏ ˜ ʿ ᠊ ○ ȝ Âп ı ‎شم ˘ ‎بهِ ᠊ ṗ ‎شم ΰ ч ˘ ΰ Â ı ‎بهِ ᠊ ‎خ 500 ˘ 500 ‎شم ṗ Ъ ⅞ δ ‎شم˘ ῴ ᠊ ˘ Ъ ‎ڧ˘ Ḡ ı ‎بهِ ᠊ ȝ Ъ Ḡ ȁ ῃ Ⅵ Â	/
	3	ˆ ˜ Ꞡ ‰ ˜˘ ȝ ‎نجى √ Â ê ʟ й Ȉ Ꞙ ‰ ˜ ˘ ⱶ ı ‎بهِ ᠊ ȝ п ı √ ˘ √ ȝ ı ȁ ȝ ˥ ı ˘ ȁ ȁ ȁ ȁ ≠ ‎تحٍ ⌠ Ձ ȝ ῴ ˘ ᠊ ʾ ϒ ᠊ ʿ ȁ ᠊ ○ ȝ “ ϒ ” ╝ ⁝ Ъ ɢ 40%ʾ ʾ ϒ ķ ᠊ ʿ ȁ ᠊ ○ ȝ Ʊ ╝ ⁝ Ъ ɢ 20% ÂꞤ ‰ ˜ ᠊ ˘ Ꞡ └ ą ê ⩘ ı ‎بس ⅂ Ȉ ↓ ▲ ı ‎بس ȁ ą Ъ ‎بهِ ᠊ ȝ ‰ ˜ ȁ ȁ ȁ Ъ Â ˜ ᠊ ○ ȝ ΐ ῴ ˘ ą ч ˘ ΐ ˥ VOCs ȁ └ ˘ Ḡ ⅞ ṗ ᠊ ‎ٔ Â ‎بهِ ᠊ ⅞ ‎شم Ъ ‎شم ʳ ⅞ Ъ w̄ ᠊ ˘ ‎خي w̄ ‎طسى ʳ ⅞ ⌠ ᵝ ꭓ ˥ ΰ ≠ Â	ᵝ ɢ ᠊ ʾ ϒ ķ ˘ Ъ ΰ ą ▲ ı ‎بس˘ ‎نهِ ῴ ч ‎تي Ţ ʳ Ꞵ ‎تي ° ⩘ ⩘ ˆ Ȑ 2023 ȓ 62 ˜ ˘ Ꞡ ‎بهِ ᠊ ‰ ˜ ᠊ Â ΐ ˥ VOCs ȁ └ Â Ꞡ └ ą Â ȝ ˥ Ъ ћ └ Â

	4	ˆ ܪ˜ Ή ˘ ı Â ﻁ ˇ ˜ ˘ ı ﺒ ٦ ﺋ ˘ Ή ˘ Ѣ ı ﺤﺲ" Â ˘ ˗ Ю ˘ ╝ ⁝ ٦ ˘ ﺋ ٦ ˘ 2021 ╞ ﺒ ٦ ρ̇ V r˘ 2023 ╞ Ŧ ﺒ IV ‰ Â ΰ ȁ ع r ȁ r ˘ Ή ˘ ⌠ Ҕ ‰ ғ ﺋ Âﺧﻲ ῃ ώ ﺒ ٦ ỵ ˘ └ ٦ ỵ ƀ ˘ Ŋ ˘ ⁝ ћ ˇ ΰ Â Ή ȝ ȁ └ ‰˘ ٢ ﺋ ч ˘ ˇ "ΐ" ٦ ȁ ,˘ ỵ Â 2021 ╞ ﺒ ٦ Ҕ ı └˘ ﺒ ٦ ρ̇ ı ˘ ٦ ٧ ˘ ﺒ ٦ " " ʜ˘ ﺒ ٦ G 2025 ώ ⌠ ỵ Â	G ﺗﻲ Ţ r Ҕ ﺗﻲ ° ⁄ ⁄ ﻨﻬ r ώ Ữ ȝ ˥ ˘ ᵒᵒ ώ ˘ ˥ Â
	5	ˆ ᴫ˜ ﺋ ˘ Â № ΰ ȁ ⁄ ↕˘ ˘ ﺒ ٦ ٧ ⌠ ᵝ ∆˘ ˥ ⅞ ΰ ᵒᵒ ȝ Â ˜ ķ ٦ ˧ ˇ ˘ ٦ ˘ ķ ٦ ˧ ╞ ѿ ⌠ ê ı ȝ ‰ Ȉ ˆ DB32/939-2020˜ ﻨﺦ ˘ 2022 ╞ ﺷﻢ ΰ r ḱ ˇ 2.5' ˉ / Ţ ﻨﺞ ˘ ⁝ ˇ Âﺒ ٦ ⁄ ˘ Ḡ ⁄ ≢ ʜ ﺒ ٦ ΰ Â ѿ π ı ﺒ ٦ ˘ ﺒ ٦ ώ Ξ ΰ ƀ ˘ ˥ Ҏ ≠ ᴅ˘ 2025 ╞ ˘ Ţ ˇ Â	/
	6	ˆ Έ˜ ﺋ r Â ˇ № ٦ ȁᵒᵒ ȝ ȁ ο ȝ № ȁ ˇ ' ȁ № ,˘ ˇ ﺑ ȁ ﺷﻢ ȁ ﺷﻢ Ӣ ȁ ﺳﺲ ȁ r Â ı ﺒ ٦ ﺳﺲ ˇ ﺷﻢ Ӣ	ο ȝ ˇ ﺧﻲ ˘ ﻨﺦ . COD ȁ ȁ ˇ Ҕ ı ȁ ı ȁ ȁ ˇ VOC Â

	└ ˜ r Â w̄ п ı r ˘ ˥ ṗ ȁ ȁ ˧ ˘ ı ˘ ˥ ṗ ○ ʒ ŋ̣ Â 2022 ╠ ˘ ‰ ˥ Ţ ˘ ⅞ Â " ○ ʒ " ȁ " ˥ ع ɪ " └ ˘ Ƕ ő 24h غ ˘ ŋ̣ ع ف Â Ḡ ˥ ˘ ı ˥ ˘ ˥ ˥ Ţ ő " " 2022 6 ╠ ķ ˥ ˥ r ȁ " Â т Ƕ ف ȁ ˥ ╝ ⋮ ˇ п ı ȁ ê ⅞ Ȉ Â	

ˆ ≠ ˜ ã ŋ̣ ˥ r Â
ı ˥ № ˥ ˘ ķ
˥ ˥ Ȃ
r ˘ ˥ Ƕ
˘ Ŋ Ƕ x̧ ˘
Ṅ Â

7

	ǯ ɳ ˪ ᵙ ˘ ᵙ ʼ ɰ ‫ﺒﻬ‬ ᥴ Ţ ˧ ˇ ȍ̏ Ţ ˘ ˆ Ƌ ᵙ ‫ﺱﭘ‬ ȍ̏ ˘ ᵙ ǯ ȍ̏ ᥳ Â ҉ ˘ ᵝ ɢ ᥴ ᥱ ᥴ ῤ˘ ƖƱ ⅞ ȍ̏ ⅞ Â
ȉ ɪ ƖƱ №	ˆ 1˜ ᵙ ǯ № ɥ G5942 ᥴ ı ‫ﺱﭘ‬ ᥴ Ũ˘ ȇ ᵙ ǯ ˆ 2024 ˜ Ȉ˘ Ƌ ɢ ˀ ȁ ˪ ȁ ˘ ‫ﺦﻧ‬ ƖƱ ȇ ᵙ ǯ ˆ 2024 ˜ Ȉ Â ˆ 2˜ ᷾ ⅞ ŵ ‫ﺸﻣ‬ ⅞ ᵝ ɢ ꝁ ̉ ı ǯ ‫ﺒﻬ‬ ᥴ ῤ˘ ‫ﺸﻣ‬ ɥ ǯ ‫ﺸﻣ‬ʼ Ձ ˘ Ƌ ɢ ȇ ᷾ ɢ ȍ̏ ȅ ˪ ‫ﺸﻣ‬ ˆ 2012 ˜ Ȇ ˇ ȅ ‫ﺸﻣ‬ ˆ 2012 ˜ Ȇ Ȉˆ ‫ﻄﻠ‬ ȍ̏ ˇ ᵇ Ψ˘ 2012 5 23 ˜ Ţ ˪ ˇ Â ‫ﺦﻧ‬ ˘ ƖƱ‫ﻄﻠ‬ ȍ̏ ‫ﺸﻣ‬ ‫ﺸﻣ‬ ⅞ Â Ŷ ‫ﺸﺤ‬ ᵙ ‫ﺱﭘ‬ ƖƱ‫ﻄﻠ‬ ᵙ ǯ ˘ ‫ﺸﺤ‬ ‫ﺨﻴ‬ ꝁ ȉ̈ ̉ ı ǯ ‫ﺒﻬ‬ ᥴ ‫ﺸﻣ‬ ῤ˘ ȁ Ð Â ƖƱ ‫ﺒﻬ‬ ᥴ ˝ ᵝ Â ȁ ᵙ ˘ Ƌ Ψ ı ‫ﺸﻣ‬ ‫ﺥ‬ ˘ ‫ﺦﻧ‬ ‫ﺸﺤ‬ ƖƱ Â ˆ 3˘ Ƌ ҉ ŵ̄ ᥴ ” № ŵ Ḡ ȇ ‫ﻄﻠ‬ Ḡ ⅞ Ȉ˘ Ḡ ɥ ᵕ ʊ ̉ ‫ﻄﻠ‬ Ȅ ‫ﺒﻬ‬˘ ɥ 1.98km Â 2023 № ᥴ ɹ Ȅ ʟ ɣ ȍ̏ ȇ ᥱ ᷾ ɢ ꝁ ȉ̈ ᥴ Ᵽ Ȉˆ

	₱ Ȑ 2021 ȓ 1086 ˜ ˘ ٦ ٦ ҷ ٩ ʊ ķ ȉ̈ Ѐ ˘ ҷ 4.10km Â ڬ ˘ ƀ ȕ̋ Ḡ ˇ ٦˘ ﺸ Ƕ ê ﻁ Ḡ ⅞ Ȉ ƀ ê ˜ ɢ ٧ ȕ̈ ٦ ⅞ Ȉ Â Ŷ ƀ ê ٩ ’ Ѐ ˆ 2024 ˜ Ȉ˘ ķ ȉ̈ Ţ SO_2 ȁ PM_{10} ȁ $PM_{2.5}$ ȁ NO_2 ȁ CO 95 № β ﻤ ˇ O_3 8 ﹺ ﻤ ỵ 90 № β ﻤ Ƕ ê ‰ Ȉ ˆ GB3095-2012˜ ȟ ‰˘ ﺨ ∞ ﺨ ٦ ɢ ٦ Â ˘ ﺸ ٦ ê ‰ Ȉˆ GB3095-2012˜ ȟ ‰ ’ ê ‰ Ȉˆ GB3096-2008˜ 3 ‰ ’ ٦ ʳ ⌠ ê ﺸ ‰ Ȉˆ GB3838-2002˜ ‰’ ϑ ϑ ﺨ ﻤ ƀ ê ‰ Ȉˆ GB3097-1997˜ ‰ ỵ˘ ٦ ˘ ˥ ٢ ˝ ’ ﺸ Ţ ҁ ᵞ ɢ ỵ’ ﺸ Ӎ ᴇ ٦ ˘ ﺸ Ӎ Â 1 ȁ ƀ ˝ ٦ № ȕ̋ ˥ ᵉ ῳ ˘ ꝛ ȉ ˘ ʳ ꭓ ⌠ ῳ h ȁ ῳ h ṗ ı h ꭓ˘ ῳ PQ4 ˘ ƀ ᵞ ɢ 25m Â ٦ ڧ ˘ ƀ ψ ı ٦ Â 2 ȁ ƀ ˝ ٦ № ƀ̊̊ Â 3 ȁ ƀ ˝ ٦ № ﺨ ٦ ҷ 3 ˝ ٦˘ ҷ ı ٻ ٦

	˘ ħ ﻫ ä ħ ˘ ı ﯿﭙ ꞁ β ˘ ⁞ ä ı ħ ˠ ﻫ ﺸﻤﺦ ﻑ˘ Ꭓ ﺸﻤﺦ ﻑ ˘ Ƅ Ψ ı ﺸﻤﺦ Â ﻨﺨ ˘ Ƅ Ψ ﺸﻢ Â ŷ ≠ ჻ ᵓ Ţ ą ħ ч ä ä äﺸﻤﺴ Â ﺸﻤﺨﻲ ȝ ˘ ȝ Ḡ ˘ ä ﺒﮩ ꞁ ᴸ ˘ ˘ ﺸﻢ ч ﺒﮩ ꞁ ȝ ﺸﻢ˘ Ʊ ﺸﻢ ⅞ Â ﻨﺨ ˘ Ʊ ≠ ჻ ‰ Â Ÿ ‰ ˜ ꞁ Ƅ ɢ ê ȝ ˆ 2024 ˜ Ȉ L ä ’ Ƅ ɢ ê ȕ ꞁ ꞁˆ ˘ 2022 ˜ Ȉˆ ȕ [2022]55 ˜ Ţ Â ê ķ ȉ ı ȝ ﺒﮩ ȕ ⅞ˆ 2020-2030˜ ﻑ ʟ й Ȉˆ [2021]24 ˜ ˘ ﺒﮩ ꞁ ‰ ˜ ꞁ 1.1-2 Â ﺒﮩ ꞁ ⅞ Ţ ľ ı ﺒﮩ ‰ ˜ ꞁ Ŀ˘ Ʊ‰ ˜ ꞁ Â **1.1-2 ﺒﮩ ꞁ ‰ ˜ ꞁ**

ꞁ ﻨﺠ	‰ ˜ ṗ	’	
п ῷ ˜	1 ä Ʊ ȝ β ғ ɢ ﻁ ȕ ˘ ê ȝ ˆ 2019 ˜ Ȉ ä ê ˀ ﮔ ȝ Ȉˆ 2019 ˜ Ȉ ê ȝ Ȉ ä ê ȝ ˘ Ḥ ȝ Ȉ ő ḱ ä ê ĭ ȝ ﯿﭙ ˘ ˆ 2016 ˜ Ȉ ȝ Ð Ţ ɢ ˀ ˘ ȕ ȝ Ţ ﯿﭙ ä 2 ä ˀ щ ο ȝ ȕ ჻ Ӣ ä ä ŋ Ḡ ο ȝ ˘ ˘ w̄ ä ä 3 ä ˀ ﺒﮩ ꞁ ṗ Ʊ ≠	ɢ ê ȝ ˆ 2024 ˜ Ȉ Ţ Ḥ Â	Ʊ
˜	1 ä ê ȝ ˆ 2019 ˜ Ȉ ä ê ı ȝ L ä ˘	ч ê ȝ ˆ 2024	Ʊ

ˆ 2020 ˜ Ȉ ΰ̋ ê ȝ ˇ Ḥ ˜ Ȉ Ţ̈Ḥ ˘

2 ȁ ƅ Ƕ ê < ΰ̈ ˥ ˥ >

3 ȁ ˇ ą VOCs ꝗ ȁ

4 ȁ ƅ ɩ́

”╝ ⁝ Ƅ ɢ 40%ʾ ˀ ҁ̂ ƴ ḳ 6
ᖷ ○ ʒ̆ ȁ ȁ “ ı ښ ʎ
└ ˆ 2710˜” “ƴ̳ ”╝ ⁝ Ƅ ɢ 20%
3̳ ȁ ḳ ᒣ ᖷ ˘ ƴ Ț ч ˘
Ӥ ᒣ˘ ᖷ ı
ȕ Ғ ı ښ ᒣ Â
4 ȁ Ӥ ˚˚ ښ. 2 ʿ ȁ ṕ
ȁ ˚˚ ښ ȕ PTA ȁPET ȁ ˚˚ ښ
ɪʊ ف ˇ ˘
ḳ ᒣ ı ᒣ Ƅ ȕ ı ʎ ɛ
˚˚ ښ˘ ˜ ﭴ └ ﺧﻲ 250
PTA ȁ ˚˚ 180ʼ ˉ ȁ ˚˚ 120
ʼ ˉ ʼ 30ʼ ˉ ṕ ȁ 30ʼ ˉ
PA6̃ ⌈˚˚ ښ ﺷﻬ Ƅ ˘

	‛ 1 à ⌠ ê ‰ Ì Ƕ ‰ à ê ڧ ᴇ ↕ Ì ˆ HJ2.2-2018˜ D ῒ ꙇ ῗ ỵ Â 2 à ᒣ ṗ ᵣ ê ۺ ‰ Ì ˆ GB3838-2020˜ ‰ Â 3 à ᒣ ṗ ۳ ê ۳ ۺ۳ ‰ Ì ˆ GB36600-2018˜ 1 ˇ 2 Ț Ƕ ۺ ỵ ‰ Â	1. ҡ ῗ 2024 SO_2 àNO_2 à$PM_{2.5}$ à PM_{10} à CO à O_3 ê ‰ Ì ˆ GB3095-2012˜ Ƕ ‰ ˘ ᒣ ч ᒣ 2. ۼ ᒣ ṗ ۺ ᒣ ê ۺ ‰ Ì ˆ GB3838-2002˜ ‰ Â 3.۳ ê ۳ ‰ ۺ۳ ‰ˆ ˜ Ì ˆ GB36600-2018˜ Ț Ƕ ۺ ỵ Â	Ѵ

1 à ˘ ⅞ ‛ 1652.53ʾ ꜝ / à
COD826.27 ꜝ / à

			1 ầ r r ˘ ۓ Ꞁ ˇ ᒪ˘ ȕ̋ r ○ ҙ ɳ r Ꜯ ı ﻬ Ꞁ ꞁ ˘ ۓ Â 2 ầ ȕ̏ Ꜧ Đ r ˘ ۓ "○ ҙ + ﻬ Ꞁ + " ˘ Ɣ " Ꞁ ṗ ﺷﺠﻲ" ч щ ˘ № Ꞁ ʎ ↕˘ Ŋ Ɪʊ ȕ̏ Ꜧ Đ ҳ ˘ ᒪ ȕ̏ Ꜧ Đ Â 3 ầ ȕ̏ Ꜧ Đ ȕ̋ ȕ̏ Ꜧ Đ ᒪ Â ﻬ Ꞁ ȕ̏ Ꜧ Đ ȕ̋ ầ ầ ầ ȕ̋ ḱ ƀ˘ ˜ ﻬ Ꞁ ꞁ Ḥ ı 4 ầ ṗ ○ ҙ ˆ Ȋ̧ ˜ ˘ w̄ Ꜯ ' Ƕ ᒪ ƀ ҙ ﺱﭗ ˘ ƀ ҙ ﺱﭗ Ḡ ầ ầ ҙ ʮ ͂ ħ ˘ ƀ Ạ ⌠ "ﻣﺤ ɢ w̄ " ﻁﻠ ầ ‰˘ Ꜯ Ꞁ ı ﺱﭗ 5 ầ ﺷﻢ Ꞁ ṗ ͂ ầ ı ﺷﻢﺳﺲ ≠ ˇ ﺷﻢﺳﺲ ą̧ ҙ ○ ҙ ﺷﻢ˘ ﺷﻢﺳﺲ ą̧ ﺳﺲ ' ᵀ Â Ꜯ ȕ̏ ≠ Ꜯ ί Ꜯ ḱ Đ ﺳﻤﺸﻢ˘ Ɣ ч Â ﺳﻤﺸﻢ˘ щ ﺳﺲ ' ầ Ꜯ ḱ ˘ Ɪʊ ⅞ ﺳﺸﻢ Ꜫ˘ ꞁ ˜ ﺷﻢ ' 6 ầ Ꞁ ˜ ﻬ Â	r ﻫﺞ˘ ○ ҙ ᒪ ˘ Ƕ ˘ Ꝛ ˘ Ꜫ ○ ҙ ḱ ɳ Ꞁ ˇ Ꞁ ṗ Ꜫ Â Ꜯ ı ﺷﻢﺳﺲ ≠ Â Ꞁ Ꜫ ɳ Ꞁ β Â	Ɪʊ
		≠	1 ầ ⅞ Ꜯ 6113.45' ᒾ' ⅞ Ꜯ 8396.10' ᒾ 2 ầ ⅞ ı ﻬ Ɪʊ Ꜯ 122.5 ' ᒾ ' ⅞ Ɪʊ Ꜯ 198 ' ᒾ 3 ầ ⅞ ı ﻬ ﺷﻢ Ꜯ 1946.53ha' ⅞ ﺷﻢ Ꜯ 2092.99ha 4 ầ Ţ ᴸ ˘ ˜ Ꞁ ○ ҙ ﻧﺦ ҙ ˘ Ɣ (ꞔ ᵞ ɢ 0.2%) ч Â	˘ Ꜯ Ψ ≠ ˘ Ꜯ ȕ̋ ᴸ Â	Ɪʊ
		4 ầ Ꜯ ê ͂ ɢ ˦ ȕ̏ w̄ Ꞁ " № Ꞁ Ȉ ˆ ȕ̏ Ȓ 2020 ȓ 49 ˜ №			

	Ð ʿ “ ʃ ˜ Â ˥ ˆ ˜ № ˥ ﺸﻢ ˥ ʿ 1 ȁ ﺨﻲ ṕ Ъ ǐ ı ˪ ȁ ı ȁ ˨ ȁ ˪ ȁ ȁ ȁ ȁ ‖ ɣ ȕ ȉ ɪ Ƕ ʒ ᵒᵒ Â2 ȁ ﺸﻢ ˥ Ƕ ˪ ˥ ȁ ʿ ˇ Ţ r Â” ﺸﺤ β ɢ ķ ȕ ˥ ˀ ı ʒ ﺒﻬ ˘ ﺨﻲ ˥ ɢ ˥ ˆ ˜ № ˥˘ Â ч ˥ ﭙﺲ ˥ Ữ˜ Ъ ᵒᵒ ˘ Ъ ı ʿE ᵒᵒ ﭙﺲ ˘ ﻨﺦ Ƕ ȕ Ȑ 2020 ȑ 49 Ð ˜ Â **5 ȁ ƅ ȇ ʿE ɢ ˨ ȕ ˥ ŵ ˥” № ˥** **Ȉˆ Ȑ 2021 ȑ 4 ˜ №** ȇ ˥ ŵ ˥” № ˥ Ȉˆ ȍ 2021 Ȏ 4 ˜ ˘ β ɢ ķ ȉ ˀ ı ʒ ﺒﻬ ˘ ɢ ˥˘ Ъ ˥ r ‰ ˜ 1.1-3 Â **1.1-3 Ъ ˥ r ‰ ˜ №** | ≠ | | , | |---|---|---| | | 1.Ƕ ȇ ˥ Ḡ ⅞ Ȉˆ ȕ Ȑ 2018 ȑ 42 ˜ ȁ ȇ ˥ “ ɥ ⁝ ʿE ˨” Ғ Ȉˆ ȕ Ȑ 2017 ȑ 55 ˜ ȁ ȇ ˥ Ḡ ˨ ⅞ ˆ 2018~2020 ˜ Ȉˆ ȕ Ȑ 2018 ȑ 63 ˜ ȁ ȇ ˥ ﺳﺲ ƀ Ȉˆ ȕ Ȑ 2017 ȑ 20 ˜ ȁ ȇ ˥ ƀ Ȉˆ ȕ Ȑ 2016 ȑ 35 ˜ Ð Â | Ƕ ˥ ﺸﻢ Ꝋ Ḡ ˪ Â | | | 2.Ƕ ȇˆ ȕ ˥ ˥˜ ↕ˆ ˜ Ȉ’ ↓ ˜ ȇ ˥ ʒ Ȉ ᵒᵒ ʒ ȁ ↓ ˜ ȇ ˥ ʒ ᵒᵒ ʒ ˥ Ȉ Ƕ ȕ ᵒᵒ ﭙﺲ Â | ч ˥ ﭙﺲ ˥ Ữ˜ Ъ ȕ Ꭓ ą Â | | | 3. ȇ ˥ Ḡ ⅞ Ȉˆ ȕ Ȑ 2018 ȑ 42 ˜ ˘ ﺸﻢ ˥ Ъ Ƥ | Ъ ɢ ˘ |

	ȝ ӝ ٦ ỵ Â	
	5.Ƕ ê ̃ ɢ ȁ Ȉ ̂ Ȑ 2021 ȑ 45 ˜ Đ ˘ Ƕ ٦ Ꙇ ˇ ᵞ ‰˘ " ɧ " ᵒᵒ ⁝ ˘ Ḡ ᵒᵒ Ƅ Â	Ƅ ɢ " ɧ " ˘ ê ٩ ꙰ ẅ ٦ " № ٦ Ȉ ᵣ ‰ ˜ Â
	6. Ƕ ê ٩ ̃ ɢ ⁝ ⊦ ȝ ı ȕ Ȉ ̂ Ȑ 2021 ȑ 59 ˜ Đ ˘ ⌠ 2023 ˘ ɳ ٧ ȁ Ḥ ȁ ı ȁ ⊦ Ƅ ⊦ ᴸ ȁ ȝ ˘ ђ ⁝ ˘ Ꞁ п ı Â 7. 2025 ɣ " ٦ ᴤ ȷ " ⅞ ч ‰	ч ٦ س ٦ Ữ Ꞁ ӝ ٦ Â
	1.Ƕ ê ꙰ ẅ ٦ " № ٦ Ȉ ȕ Ȑ 2020 ȑ 49 ˜ Đ 3 Ţ " " ̃ ÂǶ ê ٩ ꙰ ẅ ٦ " № ٦ Ȉ ̂ Ȑ 2021 ȑ 4 ˜ Đ 3 ٩ Ţ " " ̃ Â	Ƕ ̃ Â
	2.Ƕ ê ٩ ȕ Ꞁ Đ ̂ 2020 ḱ ˜ Ȉ ȕ Ȑ 2020 ȑ 46 ˜ Đ Â	Ƕ Đ
	3. ı ˘ Â	Ƅ ȕ ٦

4. ɨ ٦ ı س ٦ ̂ ɣ Ӎ " ٦ " Â

	ᴸ ȁ ˧ ˜ Â	
	3. ı ʒ ı ⌠ط ṗ ᵔᵔ ῳ̣ ʒ ῳ̣ ˘ ᵔᵔ ı ȁ ı ȁ ̦ ı ȁ ı Â	ч ᒧ سپ ᒣ Ữ Ƅ ɢ ı Â
	4.Ƕ ȇ ᔦ ̃ ɢ ̂ ⋮ ʜ ʒ ȕ̈ Ȉ ̂ ᐧ ȑ 2021 ȓ 59 ̦ ˜ Ð ˘ ⌠ 2023 ˘ ȕ̈ ᐯ˘ ʒ ᒧ ᵝᵔᵔ ỵ ȁ ȁ Ӣ ˘ ᒧ ᵝᵔᵔ ỵ ʜ ı - Ʊ п ı˘ Δ ᵔᵔ ʒ Ʊ ̋ ȁ ≠ ᵞ ʳ Â	Ƕ Ð
	5.. ȇ ķ ȉ̈ " ᒉ ᓄ ԉ " Ḡ ⅞ Ȉ ⌠ 2025 ˘ ƞ ȉ̈ ȁ Ӣ ᒪ ˘ Ḡ خي 300 ʼ ˉ ˘ ⁘ 600 ʼ ᒧ Â ƞ ȉ̈ ʼ ″Ḥط ᵔᵔ ỵ ᵞ 45.42 ɼ Ӣ˘ ⁘ ʒ ﻧﺠﻲ ᴑ ʒ 50% ⁘ ˘ ﻧﺠﻲ ᒧ 25%˘ ̀E ̋ ﻧﺠﻲ ᒧ ᵝ 50% ⁘ ˘ ʻ ≠ ⌠ 0.67 Â ƞ ȉ̈ ⌠ 24.1% ⁘ ˘ Ḡ Ƅ ᵞ ɢ 35%ʼ ƞ ȉ̈ شم Ḡ 8.64 ʼ ̀E ˘ شم Ḡ ⌠ 54% Â	Ƅ ȕ̈ ą ˘ ḥ ч ض ą ˘ Ƅ ˘ Ʊ Â

7 ȁ Ƅ " ȇ ˧ ̃ ɢ ẅ Ạ

ƀ Ȉ ̂ ᐧ ȑ 2019 ȓ 36̦ ˜ " №

1.1-5 Ƅ ᐧ ȑ 2019 ȓ 36̦ №

˧ ̃ ɢ ẅ Ạ ƀ	ʼ	

Ӣ ↓ ḫ ẅ ˘ Ƅ ʇ ‰ʻ ̂ 1˜

ﻧﺠﻲ ȕ̈ ȉ ﺷﺢ ȁ ȁ Ƅ Ʊ

Ḡ ˇ ̃ ⅞ʼ ̂ 2˜ خي ᒧ

⌠ط شم

‰˘ ғ Ŋ ƻ˜ ᒧ

̂ ٸ ʼ ̂ 3˜

Ŋ Ḡ

1 ⌠ط ˇ شم ‰˘ Ŋ

ˇ ᒪ ﻫﺲʼ ̂ 4˜

2	Ӷ └ﺨﻴ ꙥ ῴ Ḡ ﺸﻣ Ţ ኀ , ầ ầ ı ầ ı ầ ầ └ ȝ ｏ ȝ˘ Ḡ ħ Ƀ ʇ ᆿ ﺸﻣﺴﯩ ﻑ ʟ ӥ ʟ Â —— ê ﺸﻣﺴﯩ ˆ ˜ Ȉ ˆ Ḡ ȝ 46 ˜	ı ﭗ ᄀ Ữ ˘ ɢ ᄁ ꜰ ɢ ᄊ ᆟ ᄀ ῥ Â	
3	Ӷ └ └ ˘ ħ ƀ ч ﻑ ᴇ ╠ ᴆ Â ħ ˘ ﺨﻴ ﻑ ᴇ ᴆ ╠˘ Ŋ ħ Â —— ê ɢ ᐟ ǚ < ħ ǚ > Ȋ ǚ Ȑ 2014 ȓ 197 ˜	ầ ᄋᄋ ˘ ᆿ	

6	⁊ ≠ ȁ ˘ ꞁ Ħ ⁊ ȁ ≠ ⱶ Ғ ꞁ = Â —— ȇ Ȅ ɢ ⁊ ƌ Ȋ ȍ Ȑ 2018 ȓ 91 ˜	⁊ ẟ ꞃ ꞁ ᵝ	

ꞁ ˘ Ꞹ ȇ ɢ ẘ Ạ

ƌ Ȋ ˆ Ȑ 2019 ȓ 36 ˜ Â

8 ȁ ƀ ȇ ɢ ꞃ ı ꞁ ı Ţ ꞁ ı

Ȉ ˆ ȍ [2020] 94 ˜

ȇ ɢ ꞃ ı ꞁ ı Ţ ꞁ ı

Ȉ ˆ ȍ [2020] 94 ˜ ˘ ı ꞁ ȁ ȁ

Ꞹ ˘ ⅞ ȁ ꞁ ʒ ⅞ ˘ ꞃ Ḡ ı

˘ ȍ ȍ ı ȁ ı ȁ ı

ı ≠ ȁ Ḥ Â ○

ʒ ȍ Ӣ ȁ ȁ ꞃ Ḡ ○ ʒ ˘ ˘

ẘ ȁ ȁ ꞁ Ꞹ ≠ ÂĿÂ

ᵝ ɢ ķ ȋ ķ ı ʒ 2 ꞁ

ı ᴍ Ȅ ꞁ ꞁ Ꞹ ꞁ ⅞ ȍ ȋ

Â ȇ ʒ ˆ 2024 ˜ Ȉ ȁ ȇ Ȅ

ɢ ȍ ı ʒ ȁ ˘ ˆ 2020

˜ Ȉ ˆ ȍ Ȑ 2020 ȓ 32 ˜ ˘ ƀ ɢ Đ

Ţ ȁ Â Ꞹ ȇ

ɢ ꞃ ı ꞁ ı Ţ ꞁ ı Ȉ ȍ [2020] 94 ˜ Â

9 ȁ ƀ ȇ ȍ ꞁ ꞁ ˆ ˘ 2022 ˜ Ȉ №

1.1-6 ƀ ȇ ȍ ꞁ ꞁ ˆ ˘ 2022 ˜ Ȉ №

Đ		№	`
1	ƀ Ꞹ ꞃ ˘	ƀ ɢ	Ꞹ

	⅞ ٧ ű̋ ˀ r ⅞ ˘ Ѣ ƗƱ ȇ ⅞ Ȉ Â	ű̋ Â	
2	ﺨﻲ Ḡ ٦ ٦ ȁ ‖ ٦ ˇ ﺷﻢ ṗ ˇ ᵒᵒ Â ﺨﻲ Ղ ٦ ٦ ˇ ﺷﻢ ṗ Ѣ Ղ Ḡ ˜ Â	Ѣ ű̋ Ḡ ٦ ȁ Ղ ٦ Â	ƗƱ
3	ﺨﻲ ẅ Ḡ ٦ ˇ ﺷﻢ ṗ ȁ ȁ Ѣ ᴸ ˇ Ḡ ˜ ˘ ٧ ű̋ Ī ȁ Ī ȁ ٦ r Â ﺨﻲ Ⱨ Ḡ ٦ ˇ ﺷﻢ ṗ ȁ ȁ Â	٩ ﺷﻢ ﺷﻢ ṗ Ѣ ű̋ Ḡ ٦ Â	ƗƱ
4	ﺨﻲ ᵒᵒ Ḡ ٦ ˇ ﺷﻢ ṗ ﺷﻢ ȁ ﺷﻢ ﺷﻢ ﺷﻢ Â ﺨﻲ ﻁ ﺷﻢ Ȅ ﺒﻬ ˇ ﺷﻢ ṗ ȁ ˘ ٧ ű̋ ĸ ᵥ Ѣ ƗƱ Ƕ r ˝ β Â	Ѣ ű̋ ﻁ ﺷﻢ Ȅ ﺒﻬ Â	ƗƱ
5	≠ ȁ ٩ Â ﺨﻲ ȇ Ḡ ˇ ű̋ ≠ r ⅞ Ȉ ⅞ Ḡ ٦ ṗ Ⱨ ˜ Ȅ ˮ ŋ ű̋ Ȅ ʌ ≠ ȁ ȁ ᴸ ȁ Ḡ ȁ ȁ ﻁ ٧ Â ﺨﻲ ȇ ŋ ﻁ ˝ ٦ ⅞ Ȉ ⅞ ű̋ Ḡ ٦ ȁ Ḡ ٦ ṗ Ѣ ≠ ɢ ű̋ Ḡ Â	Ѣ ű̋ Â	ƗƱ
6	٦ ﺨﻲ ű̋ ȁ ˀ Â	Ѣ ű̋ ű̋ Â	ƗƱ
7	ﺨﻲ“ ẅ ẅˀ ɥ ≠ ” ˇ 332 ɞ Ḡ ٦ ᵒᵒ Â	Ѣ ű̋ Â	ƗƱ
8	ﺨﻲ ȁ ẅ Ȅ ﺷﻢ ṗ ȁ ı ﺒﻬ ٦ ˇ ı Â ﺨﻲ ៜ Ȅ ﺷﻢ ṗ ˇ ẅ Ȅ ﺷﻢ ṗ ȁ ȁ ȁ , ˇ ˘ ٧ ٧ ŋ ȁ Ḡ ч Â	Ѣ ű̋ Â	ƗƱ
9	ﺨﻲƗƱ ﺒﻬ ٦ ȁ ȁ ı ȁ ı ȁ ı ȁ ȁ ȁ ᒪ	Ѣ ű̋ Â	ƗƱ
10	ȁ Ѣ ƗƱﻁ ı ȁ ٦ ı ᵒᵒ ʒ ⅞ Â	Ѣ ű̋ Â	ƗƱ
11	ȁ ˇ ˜	Ѣ ű̋ Â	ƗƱ

		ƽ Ⲭ̂ Â ầ Ƅ Ƕط̂ Ƕ ▼ ʒ Â ầ Ƅ Ƕ Â		

ằ ٦ سٍ ד Ữ' ꝗ ı ˜ ˮ˘ نخ L ف

ʟ Â

2.2 ʼ

ŵ Ղ ʿ ٩ ı м ˋE ʒ ד

Ŷ ٦ ᵝʿ ٩ ı м ˋE

ŷ شمٍ ʿ ٩ ķ ȉ ʾ مح 2 ٩ ı м

ˋE ١ ٦ ṗ

2.3 ħ ṗ

ˆ 1˜ ħ ᵣ

ħ ᵣ 2.3-1˘ . ΰ w̄ ɞ ʒ ד ٦ ȷ˘ . ч Ữ ٥ ʒ نهٍ

ᵣ ῷ Â Ь ΰ ί ᵣ ᵒᵒ سٍ ΰ ί ᵣ ᵒᵒ

2.3-1 ħ

‐	ħ Ղ	ħ ṗ				

ˆ 2˜ ħ Ữ :

Ữ ʼ Ҋ 2.3-2 Â

2.3-2 نهٍ ῷ Ữ ʼ

‐	Ղ	٦ ‐		ˆ %˜	ˆ t˜	Ữ ˆ t˜	خ ˆ ˜		Ữ شمٍ	

ˆ 3˜ ˋE ˇ ˆ

ŵ

ʿ ɳ ١ ٦ ˘ ᴸ ٧ ١ ٦ ч ˘ ħ ᴸ

ᵒᵒ ΰ Â w̄ DN150 ˜ ΰ ằ

ˇ ϴ ˘ ᴸ ɺ ʜ 0.40 MPa Â . ΰ ض

ﮬ Ҥ Ҋ h h ą ˆ DN40˜ ˇ ą

ˇ Â

Ŷ ᴸ

	شمخي ƙ ȉ̈ ̉ 1 ȝ ببه ˥˘ ببه ˥ 220KV ȋ́ ˥1 ȁ 110KV 1 1 ȁ ب1 ˘ 35KV ȕ̏1 Â Ȅ ط Ⱶ Ȅ ƙ ȉ̈ ᴸ №Ȅ ˘ Ȅ Ғ 35KV 220KV ȋ́ ˥1 ˘ Ȅ 35KV 1 ˘ 35KV/10KV ˩ Ꭓ ߷ 1 ÂȄ ╠ 35KV 1 1# ħ1 8000kVA ȁ ˩ 35/10KV˘ 2# ħ1 12500kVA ȁ ˩ 35/10KV˘ 1 ˩ هج ч 20500KVA Â ɵ ȝ ╠ 12 10KV 1 № ʿ 120# ˪˥1 ˘ 1 ˩ هج 1600KVA ȁ ˩ 10/0.4KV̓ 114#تي 1 ˘ 1 ˩ هج 2500KVA ȁ ˩ 10/0.4KV̓ 115#WSG1 ˘ 1 ˩ هج 1250KVA ȁ ˩ 10/0.4KV̓ 117# ʿ ʿʿ 1# ˘ 1 ˩ هج ч 2500KVA ȁ ˩ 10/0.4KV̓ 117# ʿ ʿʿ 2# 1 ˘ 1 ˩ هج 2500KVA ȁ ˩ 10/0.4KV̓ 119# Ⱶ 1# ˘ 1 ˩ هج ч 1600KVA ȁ ˩ 10/0.4KV̓ 119# Ⱶ 2# 1250KVA ȁ ˩ 10/0.4KV̓ S03 ˥1 ˘ 1 ˩ هج 1250KVA ȁ ˩ 10/0.4KV̓ S131 ˘ 1 ˩ هج 2500KVA ȁ ˩ 10/0.4KV̓ تي 1# ˘ 1 ˩ هج 3150KVA ȁ ˩ 10/0.4KV̓ تي 2# 3150KVA ȁ ˩ 10/0.4KV̓ 111 ˥1 ˘ 1 ˩ هج 1000KVA ȁ ˩ 10/0.4KV Â 1 ˩ هج تح ẅ 1 ˩ هج ˘ Ŧ ȁ ễ ɣ ȕ̋ Â ˜ ˧ ˥ ببه ˥ ˥ ˜ ẅ 10kV ˩ ˜ ˧ ˥ Ḡ #1 1 ˘ Ḡ #1 1 1000kVA˘ ˧ ˥ ṗ Ƕ ȋ́ نج ᴸ Â Ȅ 500KW ȕ̏ ẅ ƀ ч ˘ ȕ̏ Ả ˘ ȕ̏ ȕ̋ ᴸ ˘ Ḡ ƞ Â ч 50kW˘ ч 40kW Â خي ˧ ˥ ṗ 2500kVA1 ˩ هج˘ ˧ ˥ ˨ 35kV 1 Â ˧ ˥ ˨ Ḡ #1 1 1000kVA˘ ҉ 10kV Ḡ ˘ 450kVA˘ 45kVA˘ ˥ ẅ Â

ŷ ᴸ

ѻ ȝ ⱶ ˘ ╠ ѻ ȝ ᴸ Ͱ 50 ˉ / ˘

40 ˉ / ˘ φ 10 ˉ / ˘ . ǚ Ƕ Ҋ

h ˆ DN25˘ 93Kg/h˜ ˘ w̄ ǚ Ƕ ᵞ˘ ą

˘ ѻ ȝ Â

Ÿ ʿ

Ȝ ר ˧ ȷ ṗ ˋI Ƕ ˘ 12 /h ˘

Ғ ȝ h Ϫ Âȝ ר ˧ ȷ ṗ 1/3˘ Ҋ

2/3˘ ˘ Ƕ 80%˘ ƀ h

Ƕ Â h Ƕ ƀ ˥ r ת ȁ

Â ˇ h №≢ ṗ ǚ

Â Â

2.3-3 №

⁃	Ղ			ˆ ˥˜	

ˋE ɩ 2013 36‐̤ ˜ ʼ ⁄ ̄ ɗ ṗ شم تم Ạ ˘ شه

Ḡ ȁ سٍ ˘ ȁ سجـ ȁ هج ˘

شه ̄ ˘ ⁄ Ŧ تم ˘ ⁄ Ь 3 ⅁

Â ⁄ ч . ȁ ˘ щ ⁄ ɗ ˜ Â

ħ r ȁ ˋE ű ‸ 2.3-4 Â

2.3-4 ŵ

≢	ħ	ṗ	

2.4 شم β ű

β ɢ ⁴ ⁴ ⁴ ɗ Ữ ⁴ ṗ ˘ ⁴ ˋE‐̤ ⁴ ⁴ ɲ ˘

⁴ ̄ Â ⁴ ⁴ ⁴ طي ˝ ̄ № ч ⁴ ╞ ⁴ ȁ ˚˚ ⁴ ȁ ˋE ű ‸ ⁴ ȁ ɗ Ữ ⁴ ȁ

⁴ Л ˝ № ⁴ Â

⁴ ╞ ⁴ β ɢ ⁴ ⁴ ķ ⁴ ʼ ˚˚ ⁴ ħ β ɢ ⁴ ⁴ Ţ ȁ Ţ ⁴ ˇ ̄ ʼ ˋE

ῢ ‸ ˥ ɦ ᵝ ɢ ˧ ˥ Ʈ ʼ ˥ Ữ ˥ ɦ ᵝ ɢ ˧ ˥ Ʈ ʞ ˘ ʞ ̄ ʼ ῀

˥ ᵝ ɢ ˧ ˥ ̄ Ʈ Â

ˆ 1˜

ῥ . ʒ ˥ ˥ Ʌ ˘ ἵ ʳ Ӂ

ʒ ˥ ˥ Ʌ ˧ ˥ ̄ Ʈ ˘ ʞ ˘ ˥ ˘ /| ı

/ ̄ Â

ˆ 2˜ Ն ʿ

ἆ ˥ ẘ Ŋ ̃ ═˘ Ѣ ˥ Â

˧ ˥ ч ˘ /| ˧ ˥ ɦ ч 3.30~3.60 ˘

ɦ ч 3.70-3.90 Â

ῥ Ն Ѣ ˥ Ḡ ˘ ɦ ч

3.56-3.60 ˘ ч 3.60 Â

Ն ˘ Â

ˆ 3˜ /| ı

˧ ˥ ῥ ɦ ч ἆ ῢ ˘ ˧ ˥ ɦ ч `E ˘

῀ ῴ ч /| ı ˘ ῀ ῴ Ғ ʒ ˥ ᵝ Â

/| ῢ ˘ Z18 ʒ ˥ ˥

Ʌ Ғ /| ᵝ Â

2.4-1 ˧ ῥ Ѳ ẘ

	ħ ҹ 4-9 ˘ ᛘ ẅ̄ ҹ 9-12 ˘ ٢ Ѣ ɢ 5 ˘ ˘ . ˘ ῤ ᡄ ɢ 24 ˘ ˘ Ђ ﺸﻬ ﺸﻣ Â Ŧ ˜ ˀ ˓ ⲻ ᒉ № ˘ ɷ Ŧ ˜ ˀ ˓ ⲻ ᒉ ᔪ ɷ Ẓ ҝ ᵇ ˀ ˘ ⲻ ᒉ̄ ɷ Ẓ ҝ ˇ ⲻ ᒉ ɷ Ꮗ ẅ̄ ɷ ˀ Â ᡄ ɰ ɷ Ŧ ˜ ˀ ˘ ᡄ ᒣ Ì Ạ Ŧ ˜ ˀ ΰ̏ ῃ Ŧ ˜ ˀ Â ﻃﻲ 8 Â

2.5

ד Ữ طي 2.5-1 Â

2.6 ’

2.6.1 Ḡ ’

‵E ħ ‘

ˆ 1˜ 3500 ˉ ჩ ȝ ȝ ˆ TDTC˜ ˘ ɢ 2005 6 Ŋ ˆ Ȑ 2005 ȓ 171 ˜ ˘ 2008 1 Ḡ Â

Ճ˜ TDTC ῃ ˆ Ճ └ Ŋ ˥ Â

ˆ 2˜ 3800 ˉ / ˘ ɢ 2006 10 Ŋ ˆ Ȑ 2006 ȓ 503 ˜ ˘ ɥ ≠ ‵E TDTC ˘ Ḡ ‘ ʎ Â 2009 6 Ḡ ˆ Ȑ 2009 ȓ 182 ˜ Â

ˆ 3˜ 12 ˉ IPN Ỳ ı ╕ ˘ ɢ 2006 11 Ŋ ˘ 2012 10 ƅ w̄ Ḡ ˆ Ȑ 2012 ȓ 0102 ˜ Â

ˆ 4˜ 20000 ˉ ˘ ɢ 2008 2 Ŋ ˆ Ȑ 2008 ȓ 13 ˜ ˘ 2008 8 ˘ 2011 1 Ḡ ˆ Ȑ 2011 ȓ 0007 ˜ ˆ 20000t/a ˜ Â 2016 1 13 5000t ȝ 15000t/a Â 2022 9 30 ‘ Ḡ └╕ ƅ ‘ └╕ ƅ Ṗ Â

ˆ 5˜ 2000 ˉ ʎ ≠ EPTC ˘ ʎ Ճ˜ EPTC Ả Â

ˆ 6˜ 2000 ˉ ʎ ˘ ɥ ≠ 1200t/aN,N-ჩ ȝ ჩ ȝ ˆ EPTC˜ № ȁ ˆ EPTC Ả ˜ Â ɢ 2011 11 Ŋ ˆ Ȑ 2011 ȓ 099 ˜ ˘ 2012 10 ƅ IPN Ỳ ı ╕ w̄ Ḡ ˆ Ȑ 2012 ȓ 0102 ˜ Â

ˆ 7˜ 400 ˉ ʎ ȁ 400 ˉ ʎ ȍ 1000 ˧ ˨ └╕ ˘ ɢ 2012 4 Ŋ ˆ Ȑ 2012 ȓ 025 ˜ ˘ 2013 5 Ḡ ˆ Ȑ 2013 ȓ 0044 ˜ Â 2023 3 16 5000 ˉ 400 ˉ ƅ Ṗ Â

	ˆ 8˜ 24000 ˉ ΰ ◖ᵒᵒ 4730 ˉ ʒ ȁ 6500 ˉ ʒ Ḡ ˘ ɢ 2014 1 Ŋ ˆ Ȑ 2014 ȓ 012 ˜ ˘ 2014 12 Ḡ ˆ Ȑ 2014 ȓ 0123 ˜ Â 2023 3 16 5000 ˉ تي Ƅ ʻP Â
	ˆ 9˜ ᵒᵒ 300 ˉ ȁ 300 ˉ تي ȁ 300 ˉ ȁ 110 ˉ Ў ╕ ˘ ɢ 2014 1 Ŋ ˆ Ȑ 2014 ȓ 023 ˜ ˘ 2015 11 Ḡ ˆ Ȑ 2015 ȓ 56 ˜ Â 2023 3 16 5000 ˉ تي 300 ˉ / تي Ƅ ʻP ᵒᵒ Â
	ˆ 10˜ ᵒᵒ 8000 ˉ ʽ Ḡ └╕ ˘ ɢ 2015 11 Ŋ ˘ № ˘ 2017 9 28 4100 ˉ ʽ Ḡ └╕ ˆ ķ Ȑ 2017 ȓ 209 ˜ ʼ ȉ φ № 3900 ˉ ʽ Ḡ └╕ ˜ ɢ 2018 5 31 ɦ ˘ 2018 8 23 Ŋ ھ ȁ ﻨﮭ ˆ ķ Ȑ 2018 ȓ 7 ˜ Â 2023 12 15 ᵒᵒ 500 ˉ ʒ ʎ ȁ 5000 ˉ تي ʎ ˆ ᵒᵒ 8254 ˉ փ ز ȁ 2336 ˉ ˜ ˇ ◖ᵒᵒ سپ 945 ˉ Ƕ ı ȁ 52 ˉ ȁ 5209 ˉ ı ╕ ╕ˆ ᵒᵒ 1500t/a˜ ˇ ╕ ╕ˆ ᵒᵒ 1900t/a˜ Ƅ ʻP ᵒᵒ Â
	ˆ 11˜ ᵒᵒ 5000 ˉ تي ȁ 100 ˉ ȁ 100 ˉ ₷ٹ ˘ ɢ 2016 1 Ŋ ˆ Ȑ 2016 ȓ 33 ˜ ˘ 2017 10 30 w̄ ᵒᵒ 2000 ˉ تي ȁ 100 ˉ ȁ 100 ˉ ₷ٹ ΰ ◖ᵒᵒ سپ ɦ ˘ 2018 9 18 w̄ Ŋ ھ ȁ ﻨﮭ ˆ Ȑ 2018 ȓ 350 ˜ Â 2023 3 16 5000 ˉ تي 100 ˉ Ƅ ʻP ᵒᵒ Â
	ˆ 12˜ ᵒᵒ 2000 ˉ Ч ȁ 2000 ˉ Ч ȁ ◖ᵒᵒ 879 ˉ ı ȁ 296 ˉ ΰ 2500 ˉ ᵒᵒ ˘ ɢ 2016 9 Ŋ ˆ Ȑ 2016 ȓ 606 ˜ ˘ 2018 12 Ḡ ˆ Ȑ 2018 ȓ 475 ˜ Â
	ˆ 13˜ ᵒᵒ 5000 ˉ ╕ ȁ 15000 ˉ ʒ ╕ └╕ ˘ ɢ 2017 1 22 Ŋ ˆ ķ Ȑ 2017 ȓ 5 ˜ ˘ w̄ ᵒᵒ 3650 ˉ ╕ └

1 ầ ỉ̃ ʎ

2.6.5 ŋ ɫ

1 ầ

ˆ 1˜

2.6-6 Â

2.6-6

ʻ 1#RTO ˇ 2#RTO ą DA001 ˇ RTO ╠ w̄ h ˇ RTO

w̄ h ˇ 8000 ˉ ч à 5000 ˉ à 350 ˉ à 33450 ˉ ʻ Ḡ └╕ ǚ ◐

4448 ˉ ı 2#RTO ч ą h Â "5000t/a "

2000t/a 1#RTO Â

^ 2˜

’ 2.6-7 Â

2.6-7 ’

3#RTO +3#RTO + + 1#RTO 2#RTO

DA001 RTO RTO

ʿ 2000t/a تي ᵔ ╞ 1#RTO ˘ 5000t/a تي ᵔ ⴳ˘
2000t/a تي ᵔ 3#RTO ˘ ƀ ئخ ˜ 1#RTO Â 1#RTO ˇ 2#RTO ӊ DA001
˘ RTO ╞ w̄ h ˘ RTO ⴳ w̄ h ˘ ᵔ 8000 ˉ Ч ȁ 5000 ˉ
ȁ 350 ˉ ȁ 33450 ˉ ʿ Ḡ └╕ ȕ ●ᵔ 4448 ˉ ı ⴳ˘ 2#RTO ⴳ ḱ
ч ӊ h Â

ط 2.6-2 ŋ ɻ ط

2 ȁ

ᵔ ȁ ‖ ȁ Δ ȁ ᵔ ɣ ȕ

Â № ˘ “ ı + $_0$ ”˜ Ŧ ƀ ȉ ɿ ʸ ʺ ˽

2.6-3

2.6-4

3

78~98dB(A)

4

2.6-8

1 1120m² VOCs

2020 9 17

7

(GB18597—2023)

2023 154

2.6-8

2.6.4 ŋ ɺ №

1 ȁ

`E ˘ ০ ʒ `E ǘ ɺ

˘ 2024 ᴅ ǘ ^ ɢ DA021 ȁ DA019 ȁ DA016 ȁ DA020 2024 4 ˘ ᴇ . 2024 w̃ ˜ ǘ 2024 8 ʒ w̃ ˘ ˘ Â

2.6-9˘ 2.6-10˘ 2.6-11˘

‰ Â

2.6-9˘ a˜ ^ β mg/m³˜

[redacted]

2.6-9 b mg/m^3

2.6-10

2 ầ

ˋE꙰ ˘ ㅇ ȝ ˋE꙰ ˀ ˇ

ˀ ˘ 2023 ˇ 2024 ᴅ ǘ خي ˘

˘ ˥ Â

2.6-12˘ خي 2.6-13 Â ㅇ ȝ ˀ

ê ʿ ȝ ‰ Ì̀ ˆ GB21523-2024˜ ǘ ķ ˧ ⅥI

‰ Ţ Ħ ‰ ỵ Â ㅇ ȝ ˀ ˘ COD ˇ SS └

ˀꟾ (COD └ Ů 40mg/L˘ SS └ <30mg/L) Â

2.6-12ˆ a˜

2.6-12ˆ c˜

2.6-124 c˜ ... LeqdB A˜

Ꝑ Ɬ Ꞁ Ɬ Ḧ ṻ м ‼

3.1

ȇ 2024 Ꞁ ’ Ȅ Ȉ̆ ķ ȋ Ţ

ˆ $PM_{2.5}$˜ ȁ ᆨ h ˜ ˆ PM_{10}˜ ȁ ԋ ı ˆ SO_2˜ ȁ ԋ ı ˆ NO_2˜

№≢ ч 26 ῴ / ȁ 46 ῴ / ȁ 7 ῴ / ˇ 14 ῴ / ’ w̄

ı ˆ CO˜ ˇ ˆ O_3˜ №≢ ч 1.0 ῴ / ˇ 147 ῴ / Â

3.1-1 ķ ȋ ᴇ

Ꞁ

印寺									

1ʿ "ND" Ŧ

2ʿ ῷ Ŧ˘ ᵖ ῷ ₀ Ŧ ỵ˘ ╟ Ŧ ɢ ê ᴿ ˇ Ȉ ˇ ê ‰ Ȉ ˆ GB3095-2012˜ A Ţ ˘ ᴇ Ѣ ῷ ᴇ Â

3.2

ê 2024 ˥ ˥ ˮ 16 ɢ ˘

⌠ ˘ ȉ Ţ 15 ɢ ⌠ п ɢ ê

(GB3838-2002) ŀ ‰ Â55 ɢ Ţ Ӝ ȁ ˥ ȁ ȁ

Ҭ 16 ɢ Ʊ ň ‰˘ ȁ ȁ ȁ ķ

ȁ 38 ɢ Ʊ ŉ ‰ʾ V ˇ V Â

ˆ ˥ ˜ ч ň ˘ п Â ȉ Ţ˘ ˆ ˜ ȁ ˆ

˜ ȁ ˆ ˜ Ḡ ň Â

˥ Ņ ȁ Ҭ ȁ ȁ Ӝ ȁ Ŀ

ȁ ȁ ȁ ȁ ȁ ȁ

⌠ ŉ ‰ Â

˧ ṗ Ճ Ѣ "ẅ ○ ẅ "

Ғ ķ ȑ ·

3.4

β ɢ ķ ἳ ˏ ı ȝ ڹ ῤ˘ ݜ ݜ ῤ Ḡ ˘

ê ڢ ʟ └ ⁴ˆ ڢ ˜ ˆ ˜ Ї ˆ ˑ

Ȑ 2020 ȑ 33 ˜ ˘ Â

3.5

˘ Ѣ ᴇ Â

3.6 ݜ Ӎ ȁ ݣ

ê ڢ ʟ └ ⁴ˆ ڢ ˜ ˆ ˜ Ȉ Ţ

ˆ ˑ Ȑ 2020 ȑ 33 ˜ "6. ݜ Ӎ ȁ ݣ Â ﾑ Ѣ

Â ȁ ݜ Ӎ ˘ Ƕ ȁ Ḡ №

' ɣ ƀ ỵ Â" ȁ ȁ ȁ

ı ȁ Ƕ ȁ ѿ ȁ Ữ ȁ ψ

ı ȁ ݜ ˘ Ѣ ű ݜ Ӎ ȁ ݣ ˘ ˘ Ѣ ݜ

Ӎ ȁ ݣ Â

3.7 Ḡ

خي ꟷ 500m ꝓ ằ ằ ꟷ Â ħ

Ḡ 3.7-1 Âخ ʼ طي طي 3.7-1 Â طي طي 3.7-2 Â

3.7-1 ħ Ḡ

	Ḡ Ꞁ	ᵝ	ˆ m˜	˝	˝ ꟷ ⅞
	ꟷ	N	20	/	GB3838-2002 IV
		N ằ S	50	/	
		W	1500	/	
	Ɣ	E	850	/	
		NW	1300	/	
Ḡ		E	3600	/	
		W	1980	/	GB3838-2002
	ꞁ	/	ꞁ 50m	/	GB3096–2008 3
	ķ ἳ ̀E	S	ἳ 4.1km		/
	ʼ ط ̀E ﻬ	NW	Ƕ ꟷ 1.8km˘ w̄ ꟷ 5.3km	ŀ Ḡ	/

3.8 ‰

ê ﺷﻢ ﺷﻬ ‰ Ì̀ˆ DB32/4437-2022˜ Ț 1

‰ Â

3.8-1 ﺷﻢ ﺷﻬ ỵ

	ỵˆ µg/m³˜
TSP[a]	500
PM_{10}[b]	80

a˙ ĸ w̃ ˆ TSP ˜ щ 15min ỵ Ѣ ỵ Â HJ633 ∞ ٦ AQI 200-300 ң ғ ч PM10 PM2.5 ˘ TSP ỵ 200µg/m³ ȹ Ṗ ᴇ Â

b˙ ĸ w̃ ˆ $PM_{2.5}$ ˜ щ 1h ỵ Ѣ Ձ ٦ PM2.5 ỵ Ѣ ỵ Â

ћ ч ώ̤ ˘ ώ̤ ˘ PQ4 ώ̤ ê ʿ

L

‰

6	TP	8	8	8
7	AOX	1	8	1
8	ı	0.5	1	0.5
9	ŋ	5000	6000	5000
10	SS	400	400	400
11		3	/	3
12	BOD_5	/	350	350
13		0.1	0.5	0.1
14	ˆ Ồ˜	70	64	64

3.9-2 ɫ ỵ ˆ ˥ ᵝ˓ mg/L˜

־	ᕏ	ɫ ‰
1	pH	6~9
2	COD	50
3	TOC	20
4	TN	15
5		5
6	TP	0.5
7	AOX	0.5
8	ı	0.5
9	ŋ	/
10	SS	20
11		3
12	BOD_5	20
13		0.1
14	ˆ Ồ˜	30
˓ *־ ﻁ ‰ Ⴟ		

ầ Ӥ ﮨ ˥ ˜ ˥ ˇ ˘ ˥ ˇ ɢ

ầ Â ﺸ ˝ ˥ ⅞˘ ˥ ầ

ê ﺸ ‰ Ȉˆ GB3838-2002)IV ‰ Â

˥ ˘ COD ƅ ɢ 40mg/L˘ SS ƅ

ɢ 30mg/L˘ ﺨ ƅ Ŧ Â

3.10 ﮬ ‰

ê ﺸ ﮬ ‰ Ȉ (GB12523-2011)˘

3.10-1 Â ‰ ê ȝ ɵ ȝ ɫ ﮬ ‰ Ȉ

ˆ GB12348-2008˜ 3 ‰˘ ť r ‰ ỵ 3.10-1 Â

3.10-1 ﺸ ﮬ ỵ ˥ ᵝ˓ dBˆ A˜

‰ ỵ dB(A)		‰
70	55	ê ﺸ ﮬ ‰ Ȉ (GB12523-2011)

DMF	0.082	0	0.082
Ə	0.011	0	0.011
ꞕ تي °	0	0	0
ᐱ	0.011	0	0.011
ꞕ ȝ	0.015	0	0.015
	0.004	0	0.004
Ə	0.018	0	0.018
3- ȝ	0.015	0	0.015
	0.002	0	0.002
ꞕ Ə	0.1402	0	0.1402
ȝ	0.0194	0	0.0194
ꞕ	0.035	0	0.035
ȝ	0.0025	0	0.0025
	0.0004	0	0.0004
ı	0.117	0	0.117
COS	0.033	0	0.033
ꞕ ȝ	0.186	0	0.186
ı	0.003	0	0.003
	0.004	0	0.004
	0.02404	0	0.02404
ꞕ Ə	0.00005	0	0.00005
3,4-ꞕ	0.003	0	0.003
ܤ կ ؤ	0.0077	0	0.0077
	3.3428	0	3.3428
ı	14.365	0	14.365
ꞕ ı	4.8188	0	4.8188
VOCs	9.5937	0	9.5937
ꞕ Ə	0.1172	0	0.1172
	0.3918	0	0.3918
	2.4138	0	2.4138
ῷ VOCs	0	0.002	0.002

		0.1475	0	0.1475
	ı	0.0421	0	0.0421
	MTBE	0.3353	0	0.3353
	ı ∵	0.1368	0	0.1368
		0.0074	0	0.0074
		0.1139	0	0.1139
	Ə	0.0017	0	0.0017

نم ɺ I ڭ ٥ Ḧ

4.1 ڧ №

خي Ț̆ ħ ˓ ̂. ˇ

˜ ȁ ˇ Â

ŋ Ɪʊ ꜒ ˪ ˘ ⁞ ȉ ˘

ȉ ڧ شمÂ ȉ ħ ˓

شه Ɪʊ ı ˘ ą w̄ ˘ Ғ ʐ

˘ чҒ ˘ Ḃ ˇ ƀ ȁ

ˠ ˥ ȁ ﻬ ᴍ Ḡ Â ﺿ ˘ ˘ Ữ

ﻓ Ȍ ɧ Â

Ŋ ꞁ; ȸ˘ ﻓ ˥ ₀ ˘ Ω ȉ ﻓ Ȍ

Â

4.2

Ʈ̏ ħ ʿ ̏ ˘. ﺴ ̏ ˇ

ʿ Ɐ ˇ ˘ ħ ʠ ˇ ʼ ˘ ħ

ʠ ʼ ﺸﻬ ˇ ˘ ħ ʠ ˇ Â ƀ ˘

ᵖ Ȍ ƀ ĸ ȉ Ɐ Â

Ḡ ħ ˘ ﺸﻢﺸﻬ ˇ ˆ ȁ

˜ ˘ ɳ ȸ Ꞑ ˆ ȁ ˜

ȸ ɢ ﺸﻬ Â ˜ ﺒﻬ Â

4.3

ﻫﻰ ħ ﻨﺨ ˘ ħ ч ű Ꞑ

̏ ﻫﻰ ˘ ȉ ﺨﻲ 75˙ 95dB(A) ƀ Â

ч ʒ)ß ³ @ ﻫﻰ ﺸﻢﺥ ﻓ˘ Ŋ ꞁ Ӎ ʿ gªû?·Ã gª 5QpÐC¡

ᵒᵒ ܣܝ ŏ̋ ˘ Ѣ ŏ̋ ؛ ˘ Ŋ ȁ

4.6

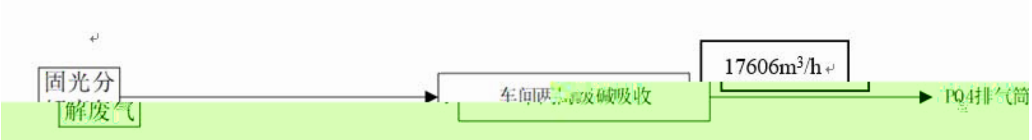
				h	t/a	kg/h	3	h		%	h	t/a	kg/h	3	‰	ĭ̋

4.6.2

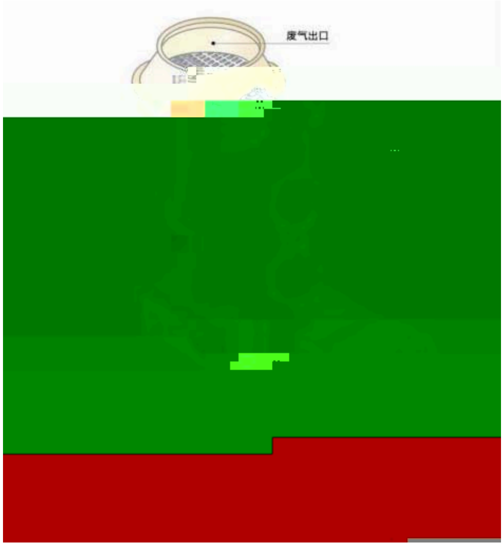
4.6-5 ƍ ŋ ɬ ’

≢ ˆ t/a˜ ˆ t/a˜ ŋ ɬ ˆ t/a˜

	COS	0.033	0	0.033	
	Hʊ ʒ̧	0.186	0	0.186	
	ı	0.003	0	0.003	
		0.004	0	0.004	



4.6-1



4.6-1

4.6-7

1.1		17606m³/h		2	

		Φ2800*7500mm 1500Pa			
1.2		25m³/h 32m 7.5kw ExdIIBT4;		2	

˜ ɻ ʅ Ƕʊ Ƕʊ 278.52m^3/â 0.76m^3/d˜ ˘

ȹ 438000̃ 1200m^3/d˜˘ ŋ ɻ ɥ 278293.539t/a˘ ▼ φ 159706.461t/a

ŋ ɻ Â

2 ȁ ̄ ╕ №

ᴅ ΰ̏ خي ˘

ɻ ‰˘ ί́ ᵣ 3.6.3 ˘ Ŧ ╕ ⌠ ‰Â نخ ˘

Ƕʊ ╕ Â

4.7.3 ɻ ╕ №

1 ȁ ˩ شم Ƅ

ˋE̤ ɻ ˩ شم ɥ ķ ȉ̏ ˀ ı ʒ ﺒﻬ ʅ ˇ

№ ˘ ɻ Ƅ Ω ˘ Ƅ˜˜

ʒ ﺒﻬ ΰ̏ Ω ˘ ⌠ ɻ ʅ ˘ ㅇ ʒ Ӟ Ƅ ɻ

ъ Ⅵ ˘ ɻ ʅ ķ ɻ Â

2 ȁ ╕ №

ɻ ᴸ 2024 ŋ خي ˘ 2024 تحم

ɥ 13042m3/d Â ķ ȉ̏ ˀ ı ʒ ﺒﻬ ʅ ˘

ъ ˘ 1819m^3/d Â ķ ɻ 14861m^3/ď

ȹ ɥ 2ʼ m^3/ď ⴳ خم

$$L(r) = L(r_0) - 20\lg\left(\frac{r}{r_0}\right) - \Delta L$$

Ţ˓ LAˆ r˜ — r A ˘ dB(A)ʾ

LA(r0)— ῗ ᵝ r0 A ˘ dB(A)ʾ

ΔL— ầ ầ h ΰ شم ⁝ ʾ

r0 ầ r— ῗ ᵝ ΰ ˆ m˜ Â

Ŷ خي ᵒᵒ ỵ

خي ᵒᵒ ỵ ̀E ˓

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

Ţ˓ Leqg— خي ỵ˘ dB(A)ʾ

LAi—i خي ᵒᵒ A ˘ dB(A)ʾ

T— ʾ sʾ

ti—i خي T ῤ ˘ sʾ

ŷ

̀E ˓

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

Ţ˓ Leq— هی ỵ˘ dB(A)ʾ

Leqg— خي ᵒᵒ هی ỵ˘ dB(A)ʾ

Leqb— هی ỵ˘ dB(A) Â

Ÿ خي هی Ţ ϴهی ƀ ԉ ˘ 3 v ΰ ⁝˓

Adiv=20lgˆ r/r0˜

Ţ˓ Adiv— 3 v ΰ ⁝ʾ

r0—هی ƕ ƅ هی ˘ mʾ

r— ƅ هی ˘ m Â

Й 4.8-3 Â

4.8-3 ˩ هی ƅ №

ᵝ	ỵ	ỵˆ dB(A)˜	‰ ỵˆ dB(A)˜	ʾ

҉ ˥ ˘ ꭗ ꓲ ꓶ ṗ ħ ه ŋ ه ˘

⁝ ꭗ˘ ꓲ ꓶ ه ⌠ ê ʒ ○ ʒ ꓲ ه ‰ Ȉ GB12348-2008˜

Ţ 3 ‰ ˘ ꓥ ه ỵ ≤65dB̂ A˜ ȁ ه ỵ ≤55dB̂ A˜ ˘ خ

ف Â

4.8.3 ه

ħ ه ᵒᵒ ه ɣ ȍ ȁ ɺ ه ˘ ꓶ ᵝ

ŋ ɣ Й ˥ ⁝ ه ف

ŵ ˘ ᵞ ه ȁ ˘ ɪ ҉ ᵞ ه ʼ

Ŷ ƚʊ ˘ ą ه ꓲ ˘ ꭥ ꓲ ˘ هʼ

ŷ ه ⁝ ȁ ه ʼ

Ÿ Ḡ Ī ȍ ˘ ȍ ʼ˘ Ḡ ȉ Â

ŋ҉ ꭗ˘ ꓲ ه ⌠ ê ʒ ○ ʒ ꓲ ه ‰ Ȉ

ˆ GB12348-2008˜ 3 ˘ خ ف ˘ ꓲ ꓶ ه

˥ Â

4.8.4 ه ⅞

ᴇ ꓶ ᵝ ê ꓶ ᵝ ꓥ - ↕ˆȈ HJ 819-2017˜ ȁ

ê ꓶ ᵝ ꓥ ʿ ꓡ ʒ Ȉˆ HJ987-2018˜ ᴅ ˘

ه ⅞ 4.8-3 Â

4.8-3 ه ⅞

ﮩ ᵝ

ˆ ˜ ˘ Ѣ ΰ̋ ˚˚ ˘ ’ Й̧˘ Ⴈ . ȁ

ˆ GB18597-2023˜ ầ ê ⅃ ̃ ɢ ⅃ ữ è ﻬ ṛ ŋ

ђ Ê Ȉˆ Ȑ 2024 ȓ 16 ˜ 1 1120m^3 ⅂ Â

ﺷﻬ ש ⅃ ⅂ ⅂ ầ ⅂ ê ⅂ └ ‰ Ȉ

ˆ GB18597-2023˜

ŵ ⅂ ⅂ ≢ ầ ầ ầ ı ˇ

⅞ № № ⅂˘ ƅ Ω № ⅂ ḩ Ŋ ’

Ŷ ⅂ ﺷﻢ ầ ầ ﺷﻢ ﺗﺤ Ŋ ﺼﻤ ﻧﻬ ˘ ’

ŷ ⅂ ﺷﻢ ƅ Ŋ ’

Ÿ ⅂ ﻫﺞ . ٢ ữ ầ ﺷﻬ ˘ ⅂ ≢ ’

Ź ⅂ ῤ ﺷﻢ ầ ’

ꭓ ŋ ⅃ ⅂ ɢ ⅂ Ţ˘ Ữ 1120m^2 Ữ

2688m^3 ⅂ Ƕ ⅃ 759m^2 ▼ φ ⅃ ﺷﻢ 361 m^2 ⅂

⅃ ﺷﻢ 3 m^2 ⅂ ▼ φ ⅂ Â ч Ḡ ⅂

⌠ Ƕ ˘ ⅂ β ⅄ ⅂ ầ ˘ ⅂

ځ ˘ ⁞ ˘ Ḡ 1120m^2 ⅂ ⅂ ⅂

Â

4.9-3 ꭓ ŋ ⅃ ⅂ ﺷﻬ ˆ ˜ ’

ˉ	ﺷﻬ ˆ ˜ ႢႢ	⅂ Ⴂ	⅂ ≢	⅂ ⅂	β	⅃ ﺷﻢ

1m 10^{-7}cm/s 2mm

10^{-10}cm/s

4.2.2

4.2.3

ʊ ʾ ط ̀E ۿ˘ ч 1.98km Â ê ̃ ɢ ˦ ȍ̏

˥ ⅞ Ȉ̂ ȍ̏ [2020]1 ˷ ˜ ɤ ȍ̋ ê ˧ ̃ ɢ

ķ ȉ̏ ˥ Ᵽ Ȉ̂ Ᵽ Ȑ 2021 ȓ 1086 ˷ ˜ ˘

˥ ˥ ч ˥ ʊ ķ ȉ̏ ̀E ˘ ч

4.10km Â

نخ ˘ ƀ ȍ̋ Ḡ ˇ ˥˘ شد ƚʊ ê ط

Ḡ ⅞ Ȉ ƀ ê ̃ ɢ ˦ ȍ̏ ˥ ⅞ Ȉ

Â هى ŋ ƚʊ ˘ شخ ف ʼ ˜ خي ˥

خي Â نخ ˘ ˥ ȍ̋ شخ ƀ ف Â

4.12

ˆ 1˜ ≢

ŵ ≢

ħ نه ῴ˘ ч ˥ Â ı خيس Ţ˘ ȍ̏

˘ شم Ӆ ˇ س ʼ Ⲭ ƀ ȍ̋ ˘ ȍ̏

˘ ˥ ȍ̏ Ƕ ˘ ˜ خ r Â

ê ᴇ ↕ Ȉ̂ HJ169-2018˜ B˘ ȍ̋

˥ خي ˧ ῥ خي ᏞB™ƀÄ̏ خي) 0ÁXP

՜	CAS	ﺨﻲ /t	ﺨﻲ /t	ҳ /t	Q ỵ

჻ ˥ ˘ Q ỵ ɢ Ἷ Ғ ˘ № ΐ r ῤ

Ғ ᴇ ʟ Â

ἰ ˘ ᵇ Ӷ ﻁ ˜ ˘ ƀ

˘ ﺨﻲ ΰ Ӈ Ճ Ŋ ղ ˇ ΰ Ŀ Ӈ

˘ ˥ ΰ ȁ ȁ Ӈ ˥ Â

˥ ΰ Ӈ ﺠﺲ ћ ʿ Ӈ ȁ ȁ Ӈ ˘ ὶ Ț ɣ

Ӈ ΰ Ӈ ﻑ ҹ Ӷ Â ﺨﻲ Ŋ ˘ ˆ

Ճ ΰ Ө Ӈ 3 ˘ ﻑ ˥ 0 Â

4.13 Ḡ

Ḡ჻ Ձ ” ’ 4.13-1 Â

4.13-1 ჻ Ձ ”

ˇ Ɋ Ḧ ˥

ῤ	ʾ (-" ȁ Ղ)/		Ḡ	‰
	PQ4	ῷ	ʜ h	ê ʿ L ʒ ‰ Ȉˆ G B39727-2020˜

شم ض COD ȁ SS ȁ TOC