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DB37

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DB37/ T 4011ا· 2020

يم سر

Technical specifications for the operation and maintenance of fixed pollution source flue gas on-line monitoring system

2020- 07- 09 ĵ 2020- 08-

يه سر

1 هر

\ ° _?ô93?ô Ê ¶ * Ê"‘ $À' "D X4ï- #{3+5 ,´F >|5$ Ô ¼F >|5$ ÔCXGÿ Añ?±"r Ä
[illegible] SO_2Ã NO_xÃ HCìÃ CO[illegible]0 /
G[illegible]

2 ł

; G · &) ¾ \ · &,´ Ä+X _ õ = A,´ Ä _# O,´ E+X · & Èõ p# O,´(x \F2+X ¾ \ · & Ä _ =# O,´ E+X · & È ¦ 0 à(x \ Ä 5 p 9,´ i … ÅF2+X ¾ \ · & Ä

GB/T 19001 C[illegible]

HJ 75 [illegible]Ä SO_2Ã NO_x[illegible]

HJ 76 [illegible]Ä SO_2Ã NO_x[illegible]

3 م M

; G _B ¼ Ê yF2+X ¾ \ · & Ä

3.1

Í CMS continuous monitoring system

F 5 - #{ * Ê"‘ $À' "D ò pM0?±,´ ˜G Aî 7 È1°0 CMSÄ

3.2

Í CEMS continuous emission monitoring system

F 5 - #{ * Ê"‘ $ÀNÇ2Â(™ ¼ Ä F Å"D 1"‘ (™ Â n#ƒ Ö ¼ Â nGÿ pM0?±,´ ˜G Aî 7 È1°0 CEMSÄ

3.3

يه سر fixed - source gas on - line monitoring system

+X ¾ Î & ÃF 5 - × Ä- #{ Å * Ê"‘ $À' "D Â n õ å,´Aî í ÃAî 7 ,5 CEMS[illegible]+
5[illegible] o[illegible]

3.4

daily round check

)"‘ $À X4ï- #{3+5 F >| õ å Î í Ê O ð ,´#k Ø Ä

[illegible]

3.6

[illegible] operation maintenance unit

[illegible]

3.7

[illegible] spare parts

[illegible]

3.8

[illegible] system-wide calibration

[illegible]

3.9

4.2.5.3 ð - #{Aî 7F >|(æ 1 _ V!“ h È ý Œ] 9 2 h ý ŒAà … ,

4.2.6 ŭ ₋

4.2.6.1 ð 1 o)ß ³ úEµ ÙAî í È1 o _ V ¤#1 Ã ¢ ð È1 o$Y Ö Ã-( )$¯ Ö ÃF¯M' ÃLbM71y _ V 1V 8 HJ 75 (

4.2.6.2 ð =L$ Ý+e$À Ä UPS

4.3 ‼

4.3.1 § 98 Ø Q ö Ï7-,´NÇ2Â(™ CEMS ™ CEMS ÿ 24

4.3.2 8 Ø Q ö Ï7-,´NÇ2Â(™ CEMS ÿ 15

4.3.3 8 Ø Q ö Ï7-,´-$ Õ#{Gÿ# "D 1"‘ (™ CEMS ÿ 15

4.3.4 8 Ø Q ö Ï7-,´ í ?"D 1"‘ (™ CEMS ÿ 7

4.3.5 í ?"D 1"‘ (™ CEMS ÿ 3

4.3.6 § 98 Ø Q ö Ï7-,´#qFO CMS ÿ 24 CMS ÿ 30

4.3.7 "W"D CMS ÿ 7 ,

4.3.8 $¯ Ö CMS ÿ 7

4.3.9 CEMS 5.1 1

%20+1

HJ 75 , (

4.3.10 Q ö ž Ä ¼ ¤ : P8#"‘ $À8 Ø- × £ Ä

4.4

4.4.1 98 Ø Q ö Ï7-,´#{B … s!ÿ 6 3

HJ 75 CEMS V8\

4.4.2 ƒ QP¼5 Ì =1V 8 \ ° _?ô93 5.1 1 CEMS ™ CEMS ,

/ CEMS , /

4.5

4.5.1 8:00 17:00 CEMS 2

9:30

4.5.2 CEMS 12

4.5.3)+e.ñL0 a&¥ Ã#%7Ì>ò • Ã"DD e Ž Ã+e$À uLÌ Ã žG÷Lö PEÃ uLÌ1y 08\ uLÌ È Ä X 6

4.5.4 CEMS =7 24 1 Q /

4.5.5 CEMS =7 7 5.3Ã

5.4

4.5.6 "‘ $À ŒF < & 9?ô Ê ŒF CEMS , ÃA¼X¼} 3 ¼ CEMS È¼$ Ñ¼4

4.5.7 h?ñ uLÌ,´ 6 À > ÂL” é# ò?ñLt … EÄ

4.6 Ḥ

4.6.1)à jF >|5$ Ô ÄAà … h ð Ã Q ö QP¼ Ã ò i Ã uLÌ 4*6 ÃAî 75$ Ã6G € $ ’ Ã 7 ö (™CX ¯+X Ã1 o * • ê ˆ1y µ é Ä- #{1 o µ8# A ˆ n 0F 12 ¼, F$¼7B$ Ñ3B ¼{¼¼

4.6.2 CµE÷12 ¼, F$¼+x¼¼ ¯X+e¼X¼4eX¼eX¼eX¼¼E# 3 Ä

4.6.3 ¯+X Ÿ F1Ñ*63+5 ˆ Ø,´3+5 F >|(æ 1 Ã- × ž ÃF >|5$ Ô ê ˆ ¼F >|5$ Ô + Ñ1Ñ*6 Ã “ xAà … ÃCXGÿ63 h1y ž Ä!ÿ F >| 7 - È.ž ž ¹ ˜ Ä

5 يم سر Ḧ

5.1 CEMS ┼

CEMSF$¼XG¼ 1Ä

1 CEMS ┼

N©-		× f 7 7	× f?±"r
"D 1 "‘ (™ CEMS	¼"W F.›	/j lB	ƒ% Gÿ0; 1 - P R O PÄR86mg/m³ Å & È/j lB =CµE÷ f % Ä-( ) ¾ 7 ö"D ƒ 70 l Å ƒ% Gÿ0; Ø100 - P R O PÄR86mg/m³ Å & È/j lB =CµE÷ f % Ä-( ) ¾ >˜% Gÿ0; l Å
		3+5 ý Ä &L$	0 s
		M&&é%20+ ÃGÿ0;%2(	=CµE÷f %
		ö.ž Ö	Â n#ƒ Ö 1 - P R O PÄR15mg/m³ Å& È( ) ö.ž Ö 0 %
		ö.ž Ö	50 - P R O P R103mg/m³ Å0 Â n#ƒ Ö Ø250 - P R O PÄR15O mg/m³ Å & È5)B =CµE÷ f - P R O PÄR70mg/m³ Å
			20 - P R O PÄR70mg/m³ Å 0 Â n#ƒ Ö Ø50 - P R O PÄR43 mg/m³ Å & È-( )B =CµE÷ f %
			Â n#ƒ Ö Ø20 - mol/molÄ57 mg/m³ Å & È5)B =CµE÷ f 6 - mol/mol Ä17 mg/m³ Å

1 CEMS ┼ ˆ ˜

N©-	× f 7 7	× f?±"r

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A.1

A.1.1 1V 8 \ ° _?ô93?ô ÊF >|5$ Ô7- Ë?±"r,´ Â"‘ … } È 8 >|F >|5$ Ô Ä =1V 8,´ È Ä ˆF >| 5$ Ô … }F >|5$ Ô Ä

A.1.2 ˆF >|5$ Ô … }F >|5$ Ô,´ È Â"‘ … } >F >|5$ Ô … }1®AÒ ˆ 8 < È ¡ <) * Ê"‘ $À' "D X4ï- #{3+5 ,´ *Aî ¹>õ ¼ ° _ 7 7 _ V1V 8 HJ 75Ã HJ 76 Ä

A.1.3 Í ž GB/T 190017 ÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝÞßàáâãäåæçèéêëìíîïðñòóôõö÷øùúûüýþÿ

A.1.4 9'— - æ Ã ¡ L-1-(£# »# ?ô ¼ 7 ö?±"r È i ž CEMSB

A.3.1 G}5ž >F >|5$ Ô Œ-(F2 Ä,´- #{ ÃCXGÿ × f ˜Aî 7 ¼ ðE–E¶ È ¦ j ˜Aî 7G} ‡ *Aî-(
Ä,´ ÎP¼ Ô)ß ³ È!ÿF >|5$ Ô 60 1 60 60Z
24 0

A.3.2 *0û) 0û ¼ ¤,´ 7 ñ 7 & Ã Ä C • C6G ñ ¼ h+X4ô & Q ‡ Ä 1 Ã ˆGÿ W ¾ 8 ¯+XGÿ,´ 110 %Ä
F 10 1 7+X
F 10 2

C.2 ˆ ~

¿ '	€3+5	ðG & ú »N©B$ >	õ å ÿF	4*6 Ú í	4*6 >5 ÌB$ >
4	¦ ³' "D- #{ ò	$Y Ö#{Gÿ l _ V!“ h			
		$¯ Ö#{Gÿ l _ V!“ h			
		"WGÿ#{Gÿ l _ V!“ h			
5	žG÷ Lö PEÃ >õ5ž	4FJAß4ï,´F Õ _ V ® Ø			
		PEÃAî 7+e$À			
		ž PEÃ ‘ _ V!“ h			
		6 À Ã × j Ã žG÷Lö PEÃ :,´ ž _ V 08$			

0ª"D » 5Y3+5 _ V!“ h È

6 ¦ ³Eµ ÙAî 7

C.2 CEMS / ꜰ ‼

Â‴ … }

C.3

C.6

D

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D.1 ٱ ٻ ٻ

Â‴ … }			- #{&é }	
- #{ Aî 7 =0			?ô l » '	
˜5F '			F >|5$ Ô … }	
i ê			i &L$	
ò 2« »	ò =0	Ï û l	i l	i Ï
08\ ò	' Fƒ ZM'0			
	7 ö0ª"DE÷Gÿ3+			
	S0₂Gÿ0;			
	N0ₓGÿ0;			
	NÇ2Â(™Gÿ0;			
	0₂Gÿ0;			
	#qFO Ä ØM‰ » ÅGÿ0;			
	$Y ÖGÿ0;			
	$¯ ÖGÿ0;			
	ĸ 3+ Ä,Þ ˆ1Ñ Å			

NÇ2Â(™#{Gÿ y0;.

D.1 يم سر ĭ ị ˆ ~

ò 2« »	ò =0	Ï û l	i l	i Ï
	6 À y j			
	M&&é yBa7-Gÿ			
	ƒ&Ÿ!Q			
	$S0_2$ Q!“ € Ä Ì)· Å			

$S0_2$!“ € Ä ZD Å

#{Gÿ … s ò

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E.1 ـﺇ A ـﺇ ـﺇ

¿ ' uLÌ)àB‘ uLÌ Ï 6 À

E.2 ⅃

¿ '	uLÌ)àB‘	uLÌ Ï 6 À	uLÌ ÂL” Î#
1	' H- #{ ž 2 h# Ø	#{Gÿ>õ5ž 2 h _ Ø ÈF' H 6 À y$À$Y Ö# Ø	ð ¦ 4*6
2	' H- #{ žEî% Gÿ0;	' H 6 À KŒM'"‘ F# „ e Ž F ˜ ¹>õ = 8F2	$5#1KŒM' F+¿FJ# „ Ã ð ˜ _ V 8F2
3	' H 6 À KŒM’4ÿ h"‘	ð FNþ% 8ß"‘ F ð FNþGÿ Z ?	$ ’% 8ß F WNþGÿ,´UCNþ j F B3 WNþGÿ
4	' H 6 À ,´- #{ l,- Y ÃŠ		

E.4 U ⅎ

¿ '	uLÌ)àB‘	uLÌ Ï 6 À	uLÌ ÂL” Î#

1 ˜ 7/j •Q