



B C D E F

B 1 ° G3!4(252)'(!#A8*
FZ24PWA00006

CHINA CLASSIFICATION SOCIETY

G H I J

CERTIFICATE OF WORKS APPROVAL

K 1 A B L » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ z Ç È É Ê Ë Ì Í Î Ï Ñ

This is to certify (1'(#(1!#@'7 5') (4!# ('!'#27#(1!#)!4(252)'(!#@!(# (1!#4!D 24!@!7(#85#(1!# ('7''4" #2 (!!"\$!8?#?'7"#2 #'B'2:'\$! ?2(1#(1!# '\$2:2(%#'7"#)87"2(287 #8#648")!#(1!#648")(#'!)42\$!"#27#(1!#)!4(252)'(!*

L M N O /Licensor

P Q R S T U V W X

Fujian Tsingtuo Nickel Industry Co.,Ltd.

' İ Đ Ñ Ò Ó Ô Õ Ö

E C2#M2::'<!-N'7? #8?7-E 0'7-E 2'7-I*9*3127'

Y Z [\] U/Authorized Manufacturer

^ L _ , F I J 3 B C `a b c d ^

The product is manufactured by OEM approved by CCS located in China.

^ L e f /Product

g [h i j j k

Stainless Steel Plates

I J I m/Approval Standard

>x" # \$ % & Ø Ù Ú Û Ü Ý Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × à ß @ a

31'6(14#,-#I'4(#Q7!#85#3127'#3:' 252)'(287#;8)2!(%#9 :! #584#R'(!42': #'7"#N!:"27<*

? @/Intended for

\$ á â ã ä å ä å

^ L 1 n /Product Description

j k+opqqr`srtpquæç;;;>è

e f /Name	v w 8 x ; /Value	y z /Unit
Ê Ë Ì é â ê 31ë.6ì, í4î ï	ð ñ S s ò ó ô õ ö ÷ à ì ï 5 ã ì ä å, ã ì ä 5 ÷ ì ä ä, ã ì ï ÷, ê ÷ ì ï ä	
ø ù ú û â ç 4ü â ÿ. î, ý0ä6p5 ÿ ä ä	ÿ ³ Ä N ð ÷ ÿ ÿ, ö ë ä ì ä 154 ÷, ê4ä ÿ ä	
Ä å b ² â*4ä ì ä 5 ä, ê316 ÿ ä ä	ÿ ³ Ä N ð ÷ ÿ ÿ, ö ë ä ì ä 154 ÷, ê4ä ÿ ä	
Ä å b ² â* ÿ ÷ ÿ ÷ ÿ ä 5 ä, ê316 ÿ ä ä	ÿ ³ Ä N ð ÷ ÿ ÿ, ö ë ä ì ä 154 ÷, ê4ä ÿ ä	
Ù Ú Ó ° ä ÿ ä ä ä 5 ä ì ä 15	; Ç*3>ç í ä>; · +@;<; Ç, ç::*3>ç í ä>; · +@;<;@ ,	
Č č Ď đ ÿ4ì, ý3 ÿ4 ÿ ÿ5 ÿ	ÿ ³ Ä N ð ÷ ÿ ÿ, ö ë ä ì ä 154 ÷, ê4ä ÿ ä	

j k+opqqr`srtpquæç;;;>è

e f /Name	v w 8 x ; /Value	y z /Unit
-----------	------------------	-----------

! " # /This Certificate is valid until \$ % \$ & ' (\$) \$ \$ * + Dec. 22,2029

! " # \$ % & ' () & 7 8 9 : ; < = > : ? : @ 8
!"#\$% **+, - . /01. , 234560 &'(! &!)#*+, - . + /

A B C D " # \$ % & E F G H I E J 7 K L M B N O P Q R S T U V W X Y Z K [\ B] N ^ V _ A & ` a b O M c T d e B
f g h 7 i b O M c T A B j k l m c K n o p q Q r ^ s t u v w x y A B z { } | } K M l b - L j B z ç £ ¤ M ¥ { X T
\$ " © ª « ¬ ® ¯ K _ . / 0 1 2 , 3 4 5 6 7 8 9 : ; < = 2 , > ? @ , _ A
012 #314(25)'(1ë 4 " !"#6 4 '7(8(11#9 :! #85(11#;8)2!(%#7"41:'(1"41< : '(287#=-::#6<! #85(11#)14(25)'(1#41#>17# #?18:1#7"41# 1"# 2@ :('718 :-%#A8#6'61#
)14(25)'(1#6<1#ë #B'2"?2(18 (#\$1'427<#(11# ('@6#85(11#;8)2!(%#7#B1:!) (4872)#14(25)'(1 ë #B'2"?22(18 (#(11#2<2(' # 2<7(' 41+7"7#8#862!"#584@#85(11#)14(25)'(1ë #41<'4"!1" #
B'2"?#7#6'4#85(11#)14(25)'(1ë #78(8#5!1C(4') (1"4# \$42"<1"5#6'7# 72(8427"2B2" ' :27#7#584@#9!:'(1"46'421 #218#41#8 \$(1"4' \$8 (#(11# (1172)2#85(11#)14(25)'(1#
@'427D 21#85(11#;8)2!(%#8#B(#852)! ' For Rules with no version indication, their latest version (at the time of issuance of the certificate) applies to the this certificate.
E84@#A8f W02. ° ± b ² ³ ³87(')(#H T ³ A & ´ b µ ¶ § ; ! !8552)2' : # ? ! \$ # 2!(#85(11#;8)2!(% · 1((6#6? ? ? ?)) ·84<7 ,



UTN:I.+ /J+K...+,L

ß S N Ω Y N G I ' < ! # S # 5 # Y

Ê Ë Ì É ÂÊ31ë.6ì,í4îï	ð ñ S s ò ó ó ô õö.âï5âïâ6,âï4â5÷ïââ,âïï÷,ê÷4ìïâ	
ø ù ú û âç4üâî.î,ý0â6þ5ïââ	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	îî
Ă ă b ² â*4âïâ5â,ê316ïââ	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	
Ù Ú Ó ° âçïââ54ïâ15	::: *3>ðíâ>:ç1: · +@>Ĉ;@ ,	
Ą ą b ² â+ïï÷ïâ5â,ê316ïââ	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	
Č č Ďďï4ì,ý3ï4ìï5ì	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	

j k+opqqr`srtpquæç;;;@è

e f /Name	v w 8 x ; /Value	y z /Unit
Ê Ë Ì É ÂÊ31ë.6ì,í4îï	ð ñ S ð Ê ë S s ò ó ó ô õĈ.ä÷ïü,âï4â5÷ïââ,âïï÷,ê÷4ìïâ	
ø ù ú û âç4üâî.î,ý0â6þ5ïââ	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	îî
Ă ă b ² â*4âïâ5â,ê316ïââ	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	
Ą ą b ² â+ïï÷ïâ5â,ê316ïââ	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	
Ù Ú Ó ° âçïââ54ïâ15	::: *3:@íâĖç1@í · +:::;Ė@ ,	
Č č Ďďï4ì,ý3ï4ìï5ì	ÿ ³ Ã N ð+ïï,öëëâïâ154÷,ê4âïâ	

,

{ m 3 | } /Approved Drawings

ě [Ê Æ ° Ğ&4' ?27< #=6648B':#A8*#F,mâïâ÷×

^ L I J ~ j ¢ £ / Approval Test Report

è ñ Ě ě ¹ ° Ğ#0! (#9!684(#A8*# Ě ,æ:;;:<èĕĜĝĜ>Ĉ>@Đ
è ñ Ě ě 8 9 Ğ#0! (#9!684(#&'(!# Ě #+.+/JSSJ+K
è ñ p q â,T'\$84'(84%F, Ğ ğ Ğ ğ « ñ « Ğ ğ Ĥ ĥ M Ĥ ĥ Ĩ , ,#U2'7< #31!7<C27# 7 6!)(287#0! (27<# '7''#3!4(252) '(287#
38*#T(""
è ñ p q ĩ ĩ â,0! (#=""4! F# Ğ ĩ Đ Ĩ Ĩ Ĩ Ĩ Ĩ >ĈĈ ° , ,#A8*SVV-#&87<? '21 '7#9''*-U2'7<%27

è ñ Ě ě ¹ ° Ğ#0! (#9!684(#A8*# Ě ,æ:;;:<èĕĜĝĜ>Ĉ>@Ĉ
è ñ Ě ě 8 9 Ğ#0! (#9!684(#&'(!# Ě #+.+/JSSJ+K
è ñ p q â,T'\$84'(84%F, Ğ ğ Ğ ğ « ñ « Ğ ğ Ĥ ĥ M Ĥ ĥ Ĩ , ,#U2'7< #31!7<C27# 7 6!)(287#0! (27<# '7''#3!4(252) '(287#
38*#T(""
è ñ p q ĩ ĩ â,0! (#=""4! F# Ğ ĩ Đ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ >ĈĈ ° , ,#A8*SVV-#&87<? '21 '7#9''*-U2'7<%27

è ñ Ě ě ¹ ° Ğ#0! (#9!684(#A8*# Ě ,æ:;;:<èĕĜĝĜ>Ĉ>@Ĉ
è ñ Ě ě 8 9 Ğ#0! (#9!684(#&'(!# Ě #+.+/JSSJ+K
è ñ p q â,T'\$84'(84%F, Ğ ğ Ğ ğ « ñ « Ğ ğ Ĥ ĥ M Ĥ ĥ Ĩ , ,#U2'7< #31!7<C27# 7 6!)(287#0! (27<# '7''#3!4(252) '(287#
38*#T(""
è ñ p q ĩ ĩ â,0! (#=""4! F# Ğ ĩ Đ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ >ĈĈ ° , ,#A8*SVV-#&87<? '21 '7#9''*-U2'7<%27

è ñ Ě ě ¹ ° Ğ#0! (#9!684(#A8*# Ě ,æ:;;:<èĕĜĝĜ>Ĉ>@
è ñ Ě ě 8 9 Ğ#0! (#9!684(#&'(!# Ě #+.+/JSSJ+V
è ñ p q â,T'\$84'(84%F, Ğ ğ Ğ ğ « ñ « Ğ ğ Ĥ ĥ M Ĥ ĥ Ĩ , ,#U2'7< #31!7<C27# 7 6!)(287#0! (27<# '7''#3!4(252) '(287#
38*#T(""
è ñ p q ĩ ĩ â,0! (#=""4! F# Ğ ĩ Đ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ >ĈĈ ° , ,#A8*SVV-#&87<? '21 '7#9''*-U2'7<%27

è ñ Ě ě ¹ ° Ğ#0! (#9!684(#A8*# Ě ,æ:;;:<èĕĜĝĜ>Ĉ><<
è ñ Ě ě 8 9 Ğ#0! (#9!684(#&'(!# Ě #+.+/JSSJ+V
è ñ p q â,T'\$84'(84%F, Ğ ğ Ğ ğ « ñ « Ğ ğ Ĥ ĥ M Ĥ ĥ Ĩ , ,#U2'7< #31!7<C27# 7 6!)(287#0! (27<# '7''#3!4(252) '(287#
38*#T(""
è ñ p q ĩ ĩ â,0! (#=""4! F# Ğ ĩ Đ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ Ĩ >ĈĈ ° , ,#A8*SVV-#&87<? '21 '7#9''*-U2'7<%27

è ñ Ě ě ¹ ° Ğ#0! (#9!684(#A8*# Ě ,æ:;;:<èĕĜĝĜ>Ĉ>@Ė

è ¬ È ẹ 8 9 G#0! (#9!684(#&'(!# Ě #+.+/JSSJ+K
è ¬ p q â,T'\$84'(84%F, Ě ě Ě ğ « ¬ « Ğ ğ Ĥ ĥ M Ħ ħ Ĩ , ,#U2'7< #31!7<C27# 7 6!)(287#0! (27<#'7""#3!4(252)')(287#
38*#I(""
è ¬ p q ĩ ĩ â,0! (#="""4! F# Ě ĩ Đ Ĩ Ĩ ĩ ĩ >Ĉ Ĉ ° , ,#A8*SVV-#&87<? '21 '7#9""-U2'7<%27

è ¬ È ẹ 1 ° G#0! (#9!684(#A8* Ě ,æ:.;:<èĚĜĜĜ>ĉ>@Ĉ
Q

Method of Product Inspection after Approval

1 J § " © a / Maintenance Requirements of Approval

[illegible]

t h · t t' J 9 t U 8 z 'E L' H Q ? | Í Ł K
ý01ăĩ,ň01,04Ňĩ,1|ì4ă5ĩě,ì0ĩ,6ĩ3ìăĽă64ìĩ,1Ľ,ň13pă,4ăă31Ň4÷,ă04÷÷,3ĩ6ĩăŇĩ,ăĩ3ă1ěă64÷,4.ěăì,ě15ĩ,|Ň,ì0ĩ
+16ăĩìŇ,15,45,455.4÷,|4ăăă×,ý0ĩ,ě4ìĩ,1Ľ,ăĩ3ă1ěă64÷,4.ěăì,ă04÷÷,|ĩ,ĩ460,455ăŇĩ3ă43Ň,ě4ìĩ,ň0ă60,
6133ĩăă15ěă,ì1,ì0ĩ,ě4ìĩ,1Ľ,ĩúăă3Ň,1Ľ,ì0ĩ,3ĩ÷ĩŇ45ì,6ĩ3ìăĽă64ìĩ,45ě,ì0ĩ,ăĩ3ă1ěă64÷,4.ěăì,ă04÷÷,|ĩ,ě15ĩ
ňăì0ă5,4,ìăĩĩ,ăă45,1Ľ,ì03ĩĩ,ĩ15ì0ă,|ĩĽ13ĩ,45ě,4Ľìĩ3,ì0ĩ,455.4÷,ă.3Ňĩă÷÷456ĩ,ě4ìĩ×
Ĉ×t' A B M c 9 ' l T Ě Ć O M b G Ě Ě ¼½Y j * ' l z ' Ų Ĩ A B z Γ c Δ E Z Ÿ Ů A B z Γ c K
ć.3ă5ă,ì0ĩ,ăĩ3ă1ě,1Ľ,Ň4÷ăěăìŇŋ,ì0ăă,6ĩ3ìăĽă64ìĩ,ňă÷÷,4.ì1ĩ4ìă64÷÷Ň,|ĩ,ă5ĩĽĽĩ6ìăŇĩ,ă5,64ăĩ,1Ľ,ì0ĩ,
ă5Ň4÷ăěăìŇ,1Ľ,ì0ĩ,4.ì013ă/4ìă15,4ă3ĩĩĩĩ5ì,|ĩĩĩĩĩ5,ì0ĩ,÷ă6ĩ5ă13,45ě,ì0ĩ,ĩ45.Ľ46ì.3ĩ3ăăè×

« 0/Remarks

>×Ě Ć b H ô Ō ¼½¾Ě ' i IJ ij Ĵ Ĵ M H h Ĩ ś
2345ě,H,++4|,ĩ45.Ľ46ì.3ă5ă,ă÷45ìl-.úă45,ýăă5ăì.1,ĩă6pĩ÷,ŵ5ě.ăì3Ň,*1×ŋKìě ś
:×Λ M ¼¾æŇĚçèĚ Ğ ĩ O Ğ ř Π ó Ě M H h Ĩ ś
ŇĚçl,Ĝă45ăŇă5,Pă5ă60ĩ5ă,+ăĩ6ă4÷,ĝ13pă,+ìĩĩ÷,*1×ŋ,Kìě,Σ
@×Ľ Ć Ď ¾æŇĚçèĚ Ğ ģ T Y Φ Û Ů X Ψ M H h Ĩ ×
ŇĚçl,Ĝă45ăă. ,ć3ĩ4ĩ, íĩň,ç4ìĩ3ă4÷,ýĩ6051÷1ăŇ,*1×ŋKìě×

B C D E F P ¬ ® F

CCS Fuzhou Branch

ă Ě A B f M Ā N T Ų @N

A8(!#01!#)!4(252)'(!#2 #'(')1!''#?2(1#''''2(287':#,#6'<!W X

/Product Description

Product name	Austenitic stainless steel Plates
Designation	06Cr19Ni10 S30408 4022Cr19Ni10 S30403
Specification	: (1000 3800)mm x : (8 30)mm Width: (1000 3800)mm thickness: (8 30)mm
Thickness	30mm Maximum thickness : 30mm
Melting process	EAF+AOD+LF
Casting process	Continuous casting
Deoxidation method	Sedation and grain refinement treatment
Grain refining elements	4 A1,B
Rolling method	Hot-rolling
Heat treatment	Solution treated
Surface treatment	Acid wash passivation

Product name Austenitic stainless steel Plates

Designation 022Cr17Ni12Mo2 S31603

Specification : (1

Product name	- Duplex stainless steel Plates
Designation	022Cr23Ni5Mo3N S22053
Specification	: (1000 3800)mm x : (8 36)mm Width: (1000-3800)mm thickness: (8 36)mm
Thickness	36mm Maximum thickness : 36mm
Melting process	EAF+AOD+LF
Casting process	Continuous casting
Deoxidation method	Sedation and grain refinement treatment
Grain refining elements	4 A1,B
Rolling method	Hot-rolling
Heat treatment	Solution treated
Surface treatment	Acid wash passivation