

16<sup>th</sup> September 2009

Xinyu Iron & Steel Co Ltd  
No 1 Yejin Road  
Xinyu City, Jiangxi Province  
P. R. China

Refer to: SLC/KCH  
File Ref: S-6

Approval Status for Medium Plate Production line,

Hull Structural Steel:

Table 1		
Product	:	Plate
ABS Grades	:	A*, B*, D
Deoxidation Practice	:	Si Killed
Casting Practice	:	Continuous Casting (CC)
Heat Treatment /Rolling Practice	:	As – Rolled (AR)
Maximum Thickness	:	20mm
Markings	:	AB/A, AB/B, AB/D, AB/A Z35, AB/B Z35, AB/D Z35

Table 2			
Product	:	Plate	
ABS Grades	:	A*, B	
Deoxidation Practice	:	Si - Al Killed	
Casting Practice	:	Continuous Casting (CC)	
Fine-Grain Practice	:	NA	Al Treated
Heat Treatment /Rolling Practice	:	Thermo – Mechanical Controlled Processing (TMCP)	Normalized (N)
Maximum Thickness	:	60mm	
Markings	:	AB/A, AB/B, AB/A Z35, AB/B Z35	



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Table 3	
Product	: Plate
ABS Grades	: A*, B*, D*, E
Deoxidation Practice	: Si - Al Killed
Fine-Grain Practice	: (Nb + Al + Ti) Treated
Casting Practice	: Continuous Casting (CC)
Heat Treatment /Rolling Practice	: Normalized (N) or Thermo – Mechanical Controlled Processing (TMCP)
Maximum Thickness	: 60mm
Markings	: AB/A, AB/B, AB/DN, AB/E, AB/A Z35, AB/B Z35, AB/DN Z35, AB/E Z35

Table 4	
Product	: Plate
ABS Grades	: AH32*, DH32*, AH36*, DH36*, EH32*, EH36
Deoxidation Practice	: Si - Al Killed
Fine-Grain Practice	: (Nb + Al + Ti) Treated
Casting Practice	: Continuous Casting (CC)
Heat Treatment /Rolling Practice	: Normalized (N) or Thermo – Mechanical Controlled Processing (TMCP)
Maximum Thickness	: 60mm
Markings	: AB/AH32, AB/DH32N, AB/EH32, AB/AH36, AB/DH36N, AB/EH36, AB/AH32 Z35, AB/DH32N Z35, AB/EH32 Z35, AB/AH36 Z35, AB/DH36N Z35, AB/EH36 Z35

NOTE: \* The approvals of asterisk(\*) superscripted grades in each one of the above tables are based on the qualification test data presented on non-asterisk(\*) superscripted grade in the same table, and hence, these derivative benefit grades are to be metallurgically equivalent (in terms of chemistry and processed identically) to their respective qualifying Grade, in all respects.

REMARK: See also ABS approval letter dated 21 September 2006 for details of term and condition.



**K.C.HO**  
**Principal Surveyor**