

3" EQUALIZING SLEEVE 9 CHROME

3" 9Cr1Mo



DAYE SPECIAL STEEL CO., LTD.
NO. 316 HUANGSHI AVENUE, HUANGSHI, HUBEI, CHINA PC:435000
QUALITY CERTIFICATE
ACC TO EN10204 3.1

**APPROVED**

By John at 11:20 am, Jul 06, 2017

INVOICE NO: GBUSA1780406FEAC

DESCRIPTION OF GOODS: HOT ROLLED QUENCHING AND TEMPERING STEEL BAR

EA PO:1092791 OP, SPEC:EAGL-600 REV.6

Grade	Batch No.	Heat No.	Size	Pieces	Bundles	Weight (MT)	Total Length(FT)	Manufacture Process	Delivery Condition																						
9Cr-1Mo	H617068550	7050285M	3"	31	4	6.38	589.924	EAF+LF+VD+IC	quenched and tempered																						
Chemical Composition (Wt %)																															
	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	W	Al	V	Nb	Ti	Ca	B	As	Sn	Pb	Sb	Zn	Zr	Co	Cd	[N]	[O]	[H]	DI	Hard factor	CEV /CEQ	
Min	0.09	0.30	0.25	0	0	8.00	0	0.90	0																						
Max	0.15	0.50	0.60	0.020	0.010	10.00	0.50	1.10	0.25																						
Ladle	0.12	0.44	0.36	0.009	0.004	8.74	0.22	0.95	0.04																						
Product1																															
Product2																															
Macrostructure Examination(Level)				Non-metallic inclusion (Level)								K4 Method Oxides	Ds	Microstructure		Jominy Test (ASTM A255 HRC-1/16 inch)								Hydrostatic Pressure Test			Drift result	Dimensional inspection	Visual examination		
S	R	C	A		B		C		D		Grain Size			Decarburizing Layer										time	pressure	conclusion					
			T	H	T	H	T	H	T	H				ASTM E112	pcs															mm	

Note: (1) No impermissible macro-structural defects, such as flakes, subsurface bubbles and pipes are available. This material is free from mercury and radioactivity. No welding repair.
(2) When there is any complaint, you are kindly requested to mark the Steel Grade, Heat No., Size, Delivery Date, Causes and reserve the material in the condition of delivery.
(3) Our company's quality management system has been certified by TÜV SÜD for fulfilling all requirements of ISO 9001:2008, ISO/TS 16949.
(4) Straightening: cold rotary straightening

Signature of quality assurance manager: ZhangZhiCheng
Date: 2017-05-27