



订 货 单 位:  
CUSTOMER  
合 同 编 号:  
CONTRACT NO  
技 术 条 件:  
TECHNICAL CONDITION  
供 货 状 态:  
CONDITION OF SUPPLY

J880026001  
ASME SA387/SA387M-2017  
正火+回火 NORMALIZED+TEMPERED



舞阳钢铁有限责任公司  
WUYANG IRON AND STEEL CO.,LTD.  
质量证明书  
QUALITY CERTIFICATE

牌 号:  
SG\_SIGN SA387Gr11CL2  
证 明 书 号:  
CERTIFICATE NO A108C29040J880026001  
生 产 许 可 证 号:  
PROCESS LICENSE NO  
车 号:  
TRAIN NO 豫D60231

产品名称: 热轧钢板  
PRODUCT HOT ROLLED STEEL PLATE

注释 Comments	*1化学分析Chemical analysis:0:熔炼分析Ladle analysis,1:成品分析Product analysis. *2试样位置Sample location:T:头HEAD,B:尾TAIL;1:钢板角部 a corner of the plate,2:钢板板宽1/4位置1/4 width from the Longitudinal edge of the plate,3:钢板板宽1/2位置1/2 width from the Longitudinal edge of the plate,4:钢板距离板边200mm 200mm from the Longitudinal edge of the plate,5:钢板板宽3/4位置3/4 width from the Longitudinal edge of the plate,7:钢板板宽1/3位置1/3 width from the Longitudinal edge of the plate.
	*3试样状态Condition of test piece:0:交货状态Delivery status,1:最大模拟焊后Max simulative PWHT,2:最小模拟焊后Min simulative PWHT,3:调质Quenching tempered,4:模拟焊后Simulative PWHT,5:热成型Thermoforming,6:正火Normalized,7:回火Tempered,8:淬火Quenching,9:正火+回火Normalized+Tempered,D:热成型+模拟焊后Thermoforming+Simulative PWHT,E:热成型+最大模拟焊后Thermoforming+Max simulative PWHT,F:热成型+最小模拟焊后Thermoforming+Min simulative PWHT,H:正火+回火+模拟焊后Normalized+Tempered+Simulative PWHT,I:热成型+正火+回火Thermoforming+Normalized+Tempered,P:正火+模拟焊后Normalized+Simulative PWHT,S:热成型+正火+回火+模拟焊后Thermoforming+Normalized+Tempered+Simulative PWHT,V:热成型+正火+模拟焊后Thermoforming+Normalized+Simulative PWHT,X:热成型+正火+回火+最大模拟焊后Thermoforming+Normalized+Tempered+Max simulative PWHT,Y:热成型+正火+回火+最小模拟焊后Thermoforming+Normalized+Tempered+Min simulative PWHT,d:热成型+正火+最大模拟焊后Thermoforming+Normalized+Max simulative PWHT,
	p:正火+回火+最大模拟焊后Normalized+Tempered+Max simulative PWHT,q:正火+回火+最小模拟焊后Normalized+Tempered+Min simulative PWHT,[:正火+最大模拟焊后Normalized+Max simulative PWHT,]:正火+最小模拟焊后Normalized+Min simulative PWHT,e:热成型+正火+最小模拟焊后Thermoforming+Normalized+Max simulative Min,g:回火+模拟焊后 Tempered+Simulative PWHT,i:正火+正火+模拟焊后Normalized+Normalized+Simulative PWHT,s:热成型+正火Thermoforming+Normalized. *4试验方向Test piece orientation:1:纵向Longitudinal,C:横向Transverse,Z:Z向Through-thickness.*5屈服类型Yield strength type:2:Rp0.2,3:ReL,4:ReH,5:Rt0.5,6:Re.
	*6厚内位置Position of specimen:0:原厚Original thickness,1:面下1mm Below the surface,2:面下2mm Below the surface,5:面下1.6mm Below the surface,6:1/4 of the thickness,7:1/2 of the thickness,8:1/3 of the thickness,9:留一个轧制面,减薄至12mm Reserve a rolling surface,thinning to 12mm,a:表面下0.5mm以下below 0.5mm from surface,b:距表面2mm以内,中心线和板厚的1/4重合0~2mm from surface,superposition of centerline and 1/4 thickness position,A:上表面三点The upper surface 3 points,B:上下表面各三点 The upper surface 3 points and lower surface 3 points,C:1/2 of the thickness,D:留一轧制面Reserve a rolling surface,E:面下1.5mm below the surface,F:面下12.5mm below the surface,G:上下表面及四个断面各三点The upper surface,lower surface and four sections are 3 points each,H:试样上下表面, 两侧边缘上、中、下各三点 the upper and lower surfaces of the sample,and the upper,middle and bottom of the two sides of the sample test 3 points each,
	I:两侧边缘上、中、下各三点The upper,middle and bottom of the two sides of the sample test 3 points each,J:上下表面、板厚1/4、1/2、3/4各一点The upper surface,lower surface and thickness of 1/4,1/2,3/4 each of 1 point,K:上表面一点The upper surface 1 point,L:下表面一点The lower surface 1 point,M:上下表面各一点The upper surface, lower surface each 1 point,N:上下表面头、中、尾各三点The upper surface,the lower surface of the head, the middle, the end three points,P:上1/4The upper 1/4 of thickness,Q:下1/4The lower 1/4 of thickness,V:试样上、下表面及四个端面各打三点The upper surface, the lower surface and the four end faces of the sample are three points,X:厚度1/2处1/2 of thickness,Y:钢板表面头、中、尾Head, middle and tail of steel plate surface.
	*7硬度测量位置Hardness test location:0:上表面+下表面The upper and lower surfaces,1:上表面The upper surface,2:侧面Side,3:1/4厚度1/4thickness position,4:1/2厚度1/2thickness position,5:3/4厚度3/4 thickness position,6:四个侧面4 sides,7:下表面The lower surface,8:1/3厚度1/3thickness position,9:全厚The entire thickness,A:上表右侧上On the head end of right side,the upper surface,B:上表右侧中On the middle position of right side,the upper surface,C:上表右侧下On the tail end of right side,the upper surface,D:上表左侧上On the head end of left side,the upper surface,E:上表左侧中On the middle position of left side,the upper surface,F:上表左侧下On the tail end of left side,the upper surface,G:下表右侧上On the head end of right side,the lower surface,H:下表右侧中On the middle position of right side,the lower surface,I:下表右侧下On the tail end of right side,the lower surface,J:下表左侧上On the head end of left side,the lower surface,K:下表左侧中On the middle position of left side,the lower surface,
	L:下表左侧下On the tail end of left side,the lower surface,M:全厚度三点Three points of the entire thickness,N:沿钢板长度方向二侧边缘的头部中部底部的上下表面各打3点Three points respectively at upper surface and lower surface of head end,middle position,tail end on both sides along plate length ,O:沿试样两侧边缘上中下各测3点Three points each at top, middle and bottom positions along both sides of specimen,P:表面下2mm below the surface,
	Q:试样上下表面各打3点3points at upper surface and 3 points lower surface of the sample,R:试样上下表面及四个厚度端面The upper surface,lower surface and four sides,S:沿钢板两侧边缘上中下各测3点Three points each at top, middle and bottom position along both sides of steel plate,T:1/2和1/4厚度1/2 and 1/4 thickness position,U:表面下1.6mm below the surface,V:表面5点5 points surface,W:沿试样长度方向二侧边缘的头,中,底部的上,下表面各打3点
	Three points respectively at upper surface and lower surface of head end, middle position,tail end on both sides along specimen length ,X:距离边缘一个厚度位置,钢板4角上,下表面各3点Three points respectively at upper surface and lower surface of four corners with a distance to the edge equal to nominal thickness,@:上下表面 (每个面含靠近钢板四个角部各1处,钢板中间1处,每处3点)Thirty readings shall be taken in total. 3 each from the 4 corner and middle of each surface.

生产单位: 舞阳钢铁有限责任公司  
PRODUCTION UNIT: WUYANG IRON AND STEEL CO.,LTD.  
地址: 中国河南舞钢  
ADDRESS: WUGANG HENAN CHINA  
舞钢质量证明书下载和自动验证网址: <http://211.142.116.38:8010>  
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