



Shanghai Metal Corporation

产品质量证明书 Quality Certificate

客户 Customer:

合同号 Contract NO.:

产品名称 Description: 不锈钢焊管 ERW Stainless Steel Tubes

交货状态 Delivery Status:

技术条件 Technical conditions:

固溶, 酸洗 Annealed & pickled

ASTM A249

质证编号 Certificate No.: 20190618-01

签发日期 Date of Issue: 2019-06-18

钢号	炉号	尺寸(mm)	数量(支)	重量(千克)	化学成份 Chemical Composition									
Grade	Heat No	Size(mm)	Quantity (pcs)	Net Weight (KG)	C	Si	Mn	P	S	Ni	Cr	Mo	Ti	N
TP316L	S681334	19*1.0*3874	6852	11919	0.0217	0.658	1.38	0.0276	0.0014	10.01	16.53	2.03	/	/

试验类别: Description of inspection

检验项目 Inspection Item	屈服强度Rp0.2 Yield strength Mpa	抗拉强度Rm Tensile strength Mpa	断后伸长率 A(%) Elongation (%)	涡流探伤 Eddy- current test	水压试验 Hydrostatic test	卷边试验 Flange test	应力腐蚀 试验Stress corrosion test	压扁试验 Flattening test	扩口试验 Flaring test	残余应力 Thirkill stress test <70Mpa	硬度 Hardness	表面 Surface	尺寸 Size	
检验值 Inspection	327/330	574/569	55/52	Conform	Conform	Conform	Conform	Conform	Conform	Conform	64/59	170/172	Conform	Conform

1. We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.100%PMI
2. We hereby certify that the material described above has been detected with free irradiation.
3. Inspection and gauge measurement: Satisfactory.
4. The report can only be reproduced in full.

质保工程师:
QA Engineer :

For and on behalf of
SHANGHAI METAL CORPORATION
Jameoy Zhu
Authorized Signature(s)