

# LAKE PRODUCTS LTD

MANUFACTURERS AND DISTRIBUTORS

21 January 2021

To whom it may concern

We hereby certify that the stainless steel rings used in Pipetite® wall boots are manufactured from 316L stainless steel.

Please see attached Mill Test Certificate for the stainless steel used in Pipetites.

Yours faithfully



**Andrew Haynes**  
Director

# Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 200821-RC01PN-0040A1-0001  
Date of Issue/발행일자 : Sep., 16, 2020

Surface Finish  
/표면마무리 : NO.2B

PO No./주문번호 : 01S4430690  
Commodity : STS CR AP COIL  
/품명  
Spec & Type : ASTM-A240M-316L  
/규격

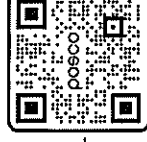
Seller : POSCO  
Manufacturer : POSCO SPS CORPORATION  
Order No./계약번호 : 01S4430690  
Supplier : SM STEEL CO., LTD.  
/주분자  
Customer : SM STEEL CO., LTD.  
/고객사

Size/치수 (mm)	Product No. /제품번호	Quantity /수량	Weight /중량 (kg)	Heat No. /제강번호	Position	Tensile Test /인장시험		Hardness /경도	Chemical Composition/화합성분									
						YS 0.2% (MPa)	TS (MPa)		EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Mo (%)	N (ppm)
1.2x1219xC	QFH0552	1	16,249	SD46990	T	284	609	55	80.0	0.0204	0.588	1.058	0.0310	0.0033	16.653	10.176	2.068	129
*** Sub Total (010) ***		1	16,249 (kg)		B	282	606	56	79.3	==== Last Item ====								
** Heat Treatment ** Solution/Treatment Min 1040°C Quenching.		1	16,249 (kg)															
*** Grade Total ***		1	16,249 (kg)															
*** Grand Total ***		1	16,249 (kg)															

\* Position - T : Top, M : Middle, B : Bottom  
\* Tensile Test Direction : Transversal, Gauge Length : 50mm (Rectangular),  
YP Method : 0.2% off-set  
\* Division - L : Ladle Analysis

We hereby certify that the material herein has been made in accordance with the order and above specification.  
No repair welding was performed to the products.  
Test Certificate is issued according to ISO 10474/EN 10204 3.1.

본 검사증명서 위.번호시 시문서 위조(형법 제231조)로 불이익을 당하실 수 있습니다.



우 영관

Surveyor To :

posco  
SPS

POSCO SPS  
CORPORATION

#235, SINWON-RO, DANWON-GU, ANSAN-SI, GYEONGGI-DO, KOREA

MANAGER OF QUALITY ASSURANCE TEAM

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