

Order No./계약번호 : 01S5507381

PO No./주문번호 : ARP2005333

Supplier /주문자 : POSCO-TIMEX PUBLIC COMPANY LIMITED

Commodity : STS HR WHITE COIL
/품명

Customer /고객사 : POSCO-TIMEX PUBLIC COMPANY L

Spec & Type : POSCO304(ASTM-A240M-304)
/규격

Size/치수 (mm)	Product No. /제품번호	Quantity /수량	Weight /중량 (kg)	Heat No. /재강번호	Position	Tensile Test /인장시험			Hardness /경도 HRB	Division	Chemical Composition/화합성분							
						YS _{0.2%} (MPa)	TS (%)	EL (%)			C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	N (ppm)
3x1524xC	QBD0172A	1	8,993	SD57630	T	281	666	54	85.3	L	0.0508	0.403	1.063	0.0317	0.0044	18.086	8.058	384
					B	285	661	52	85.1									
3x1524xC	QBD0172B	1	8,828	SD57630	T	281	666	54	85.3	L	0.0508	0.403	1.063	0.0317	0.0044	18.086	8.058	384
					B	285	661	52	85.1									
*** Sub Total (010) ***		2	17,821 (kg)															
5x1524xC	QBD0105A	1	9,071	SD57632	T	282	655	54	85.1	L	0.0477	0.393	1.082	0.0305	0.0041	18.074	8.040	366
					B	278	651	53	85.9									
5x1524xC	QBD0105B	1	8,651	SD57632	T	282	655	54	85.1	L	0.0477	0.393	1.082	0.0305	0.0041	18.074	8.040	366
					B	278	651	53	85.9									
5x1524xC	QBD0106A	1	9,066	SD57632	T	282	655	54	85.1	L	0.0477	0.393	1.082	0.0305	0.0041	18.074	8.040	366
					B	278	651	53	85.9									
5x1524xC	QBD0106B	1	8,716	SD57632	T	282	655	54	85.1	L	0.0477	0.393	1.082	0.0305	0.0041	18.074	8.040	366
					B	278	651	53	85.9									
*** Sub Total (020) ***		4	35,504 (kg)															
6x1524xC	QBC1366A	1	9,136	SD57632	T	278	650	56	86.8	L	0.0477	0.393	1.082	0.0305	0.0041	18.074	8.040	366
					B	272	643	55	88.1									
6x1524xC	QBC1366B	1	8,551	SD57632	T	278	650	56	86.8	L	0.0477	0.393	1.082	0.0305	0.0041	18.074	8.040	366
					B	272	643	55	88.1									
*** Sub Total (030) ***		2	17,787 (kg)															
8x1524xC	QBC1374A	1	8,992	SD57633	T	286	657	56	89.3	L	0.0465	0.390	1.071	0.0305	0.0039	18.160	8.051	373
					B	282	654	55	87.7									
8x1524xC	QBC1374B	1	8,728	SD57633	T	286	657	56	89.3	L	0.0465	0.390	1.071	0.0305	0.0039	18.160	8.051	373
					B	282	654	55	87.7									
*** Sub Total (040) ***		2	17,720 (kg)															

* Position - T : Top, M : Middle, B : Bottom
* Tensile Test. Direction : Transversal, Gauge Length : 50 mm(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.

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

Surveyor To :

T.C.BAE

THAI - GERMAN PRODUCTS PUBLIC CO., LTD

MILL TEST CERTIFICATE TO EN 10204/3.1B

ISSUED DATE : 08/05/2017

S/N NO.

MESSRS.

L/C NO.

INVOICE NO.

CUSTOMER'S REF. NO.: T-SOT-16-002042-2

[illegible]

PROCESS : WELDED
FINISH : OD POLISH # 180
TESTING :

RESULT:
RESULT:
RESULT:
RESULT:
RESULT:

HEAT TREATMENT:

SURFACE & DIMENSIONAL CONTROL BY VISUAL ACCORDING TOA 554 : GOOD

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH THE SPECIFICATION

ASSURED BY

RIBED HERE IN HAS BEEN M
 CATION
 GERMANY
 QA DIVISION MANAGER

REMARK : MATERIAL FREE OF MERCURY CONTAMINATION NO WELD REPAIR

RF - QA - 011 T-SOT2-16-01217-13

Rev. 2 : 09/50