

## INSPECTION REPORT Nr GPSS-500839-20210318

J-PECO Job nr: GPSS-500839-20210318

<b>PROJECT:</b> N/A	<b>Ref:</b> JP-GPSS-401-R
<b>J-PECO Client:</b> GPSS	<b>P/o nr:</b> GPSS-500839 (client to J-PECO)
<b>Manufacturer:</b> Baoji XXX Non-ferrous Metals Co.,Ltd.	<b>P/o nr:</b> N/A (J-PECO to Manufacturer)
<b>Inspection requested by:</b> GPSS	

No.	SUPPLY / SUBJECT OF INSPECTION	Heat Nr	Manufacturer name	Qty
1	5mm(Thk) 1220mm(W) x2440mm(L) Ti Gr2 B265	0719	Baoji XXX Non-ferrous Metals Co.,Ltd	5Pcs
2	10mm(Thk) 1220mm(W) x2440mm(L) Ti Gr2 B265	0722	Baoji XXX Non-ferrous Metals Co.,Ltd	3Pcs
3	15mm(Thk) 1220mm(W) x2440mm(L) Ti Gr2 B265	0724	Baoji XXX Non-ferrous Metals Co.,Ltd	2pcs
4	25mm(Thk) 1220mm(W) x2440mm(L) Ti Gr2 B265	0727	Baoji XXX Non-ferrous Metals Co.,Ltd	1Pcs
5	3" x2" S/40 Ecc Red Ti Gr2 B363 BW WP-WX	2136	Baoji XXX Non-ferrous Metals Co.,Ltd	4Pcs

**DOCUMENTS OF REFERENCE :** See continuation sheet for additional documents: ☒ Yes ☐ No

Title	Reference n°	Rev.	Approved by	Date
Purchase Order-500839	N/A	N/A	GPSS	Feb.16th,2021

**INSPECTIONS :****Results of inspection :** ☒ Satisfactory ☐ Unsatisfactory**Inspection place & Date or Period:**

Place: Taicheng Road  
 Baoji City, Shanxi Province CHINA  
 Date: 18<sup>th</sup>, Mar, 2021

**Stage of inspection :**

- ☐ Before manufacturing  
☐ During manufacturing  
☒ Final  
☐ Packing

**Kind of inspection:**

- ☐ Pre-inspection meeting  
☒ Witnessing tests  
☒ Final inspection  
☒ Document review  
☐ Expediting & vendor assessment  
☐ Packing  
 (for details see continuation sheet)

**Stamping :**

- ☒ No

**Non Conformities Reports (NCR):**

- NCR's issued during reported period :  
 None  
 ◦ List of outstanding NCR's :  
 None

**Main Conclusions & Remarks:** (for details see continuation sheet)

As per request of GPSS, J-PECO inspector Hu Kailong performed visit inspection at Baoji XXX Non-ferrous Metals Co.,Ltd. Inspection items including document review and final inspection.

The final inspection result was acceptable.

The inspection details refer to the following report content.

**Next visit scheduled:**

N/A

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## Description of the inspections carried out:

### ➤ Introduction

As per request of CLIENT, the undersigned inspector Hu Kailong from **Anhui Jipeng Project Supervision and Consulting Co., Ltd.** China performed final inspection for the plates & fittings at **Baoji XXX Non-ferrous Metals Co.,Ltd.** (hereinafter referred to as *Supplier*) on 18<sup>th</sup>, Mar, 2021.

The inspection result was acceptable.

### **J-PECO Scope of work**

1. Document review
2. Final inspection

### **Attendees**

Name	Company	Title
Hu Kailong	J-PECO	Inspector
Zhang Feng	Supplier	Sales
Li Haoliang	Supplier	QC

### ➤ Manufacturing Progress Status and Sampling Ratio

All the plates & fittings have been completed when J-PECO inspector arrived.

J-PECO inspector performed the inspection activities according to following sampling ratio:

Document review	Visual inspection	Marking check	Dimension check	PMI
100%	100%	100%	100%	100%

### ➤ Details of inspection activities carried out with respect to scope of work

#### **1. Document review.**

J-PECO inspector arrived at Baoji XXX Non-ferrous Metals Co.,Ltd. and reviewed the documents provided by the factory which including product MTC. The review result was acceptable.

#### **2. Final inspection.**

2.1 J-PECO inspector checked the plates & fittings markings according to order requirement, the result was acceptable. The sample was as follows:

Item 1: 5X1220X2440MM B265 Ti GR2 B.L 0719 GPS

10X1220X2440MM B265 Ti GR2 B.L 0722 GPS

15X1220X2440MM B265 Ti GR2 B.L 0724 GPS

25X1220X2440MM B265 Ti GR2 B.L 0727 GPS

3" X2" S/40 B363 Ti Gr2 B.L 2136 GPS

(Each plates of items was sprayed for 3 times,each fittings of items was sprayed for 1 times)

2.2 J-PECO inspector witnessed 100% visual inspection on the plates & fittings. There were no obvious scratches, dents, stains and grinding marks on the surface of products.

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Note: The item 5 provided by the factory was seamless product instead of Po required WP-WX.

2.3 J-PECO inspector witnessed 100% dimension check of the plates & fittings. The diameter and wall thickness result met the requirement of standard and the order. Details inspection data see the following annex-1.

2.4 J-PECO inspector witnessed 100% PMI of the plates & fittings. Test result only showed grade of metallic material, inspection result met the requirement of standard. Details inspection data see the following annex-2.

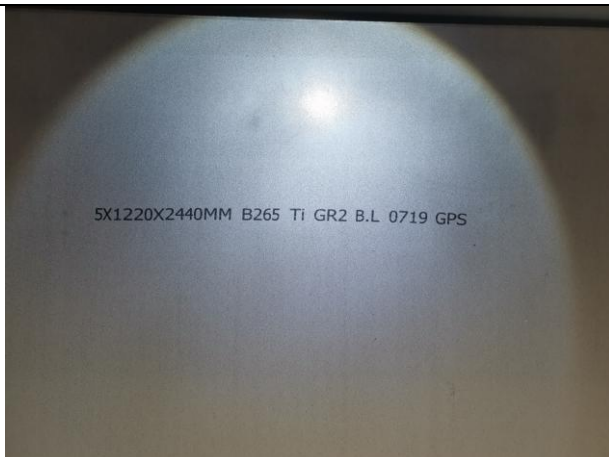
### ➤ Problems pending / Areas of Concern

N/A

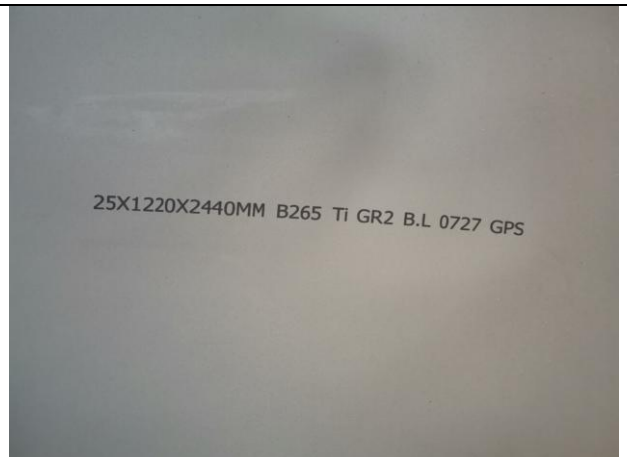
### ➤ Results of Inspection

The final inspection result was acceptable.

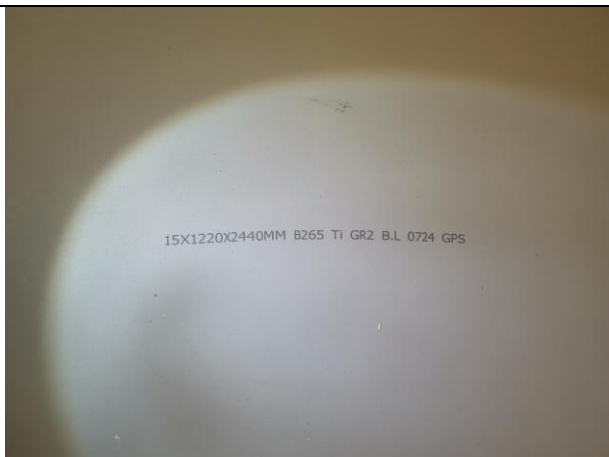
### ➤ Photos on Site



Marking check

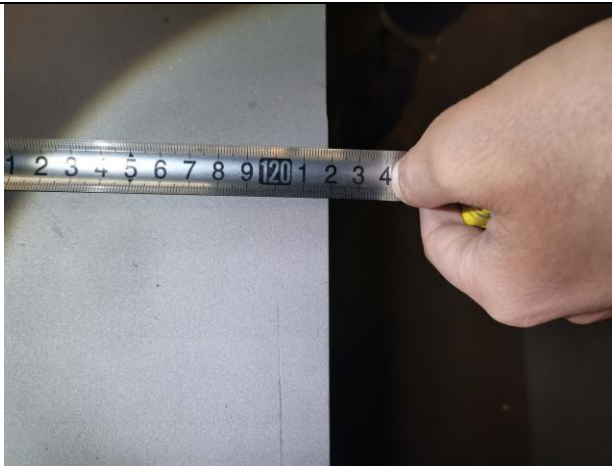
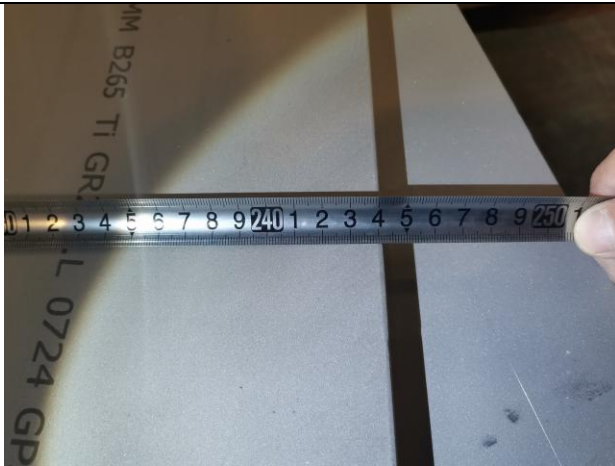






Marking check



# INSPECTION REPORT Nr GPSS-500839-20210318

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Marking check	Marking check
	
Plate width measurement	Plate length measurement
	
Plate width measurement	Plate length measurement
	
Plate thickness measurement	Plate thickness measurement



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Plate thickness measurement



Plate thickness measurement



Fittings OD measurement



Fittings OD measurement



Fittings L measurement



Fittings L measurement

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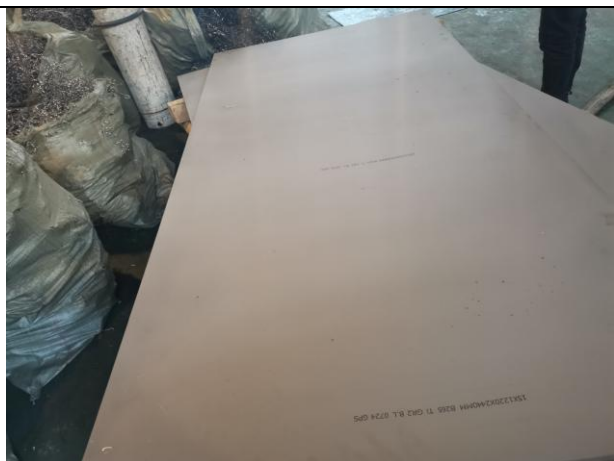
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Fittings thickness measurement



Fittings thickness measurement



Visual inspection



Visual inspection



Visual inspection



Visual inspection



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Visual inspection



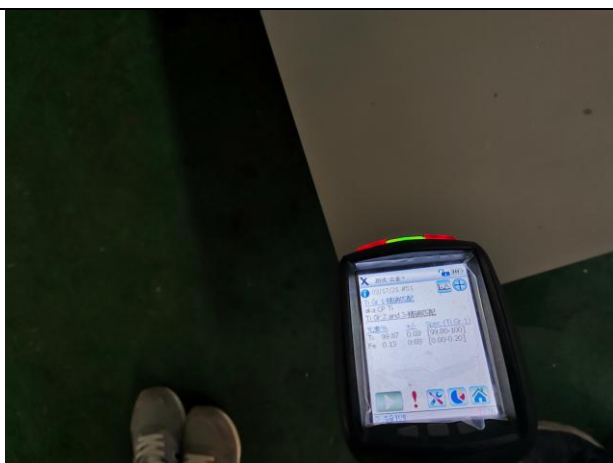
Visual inspection



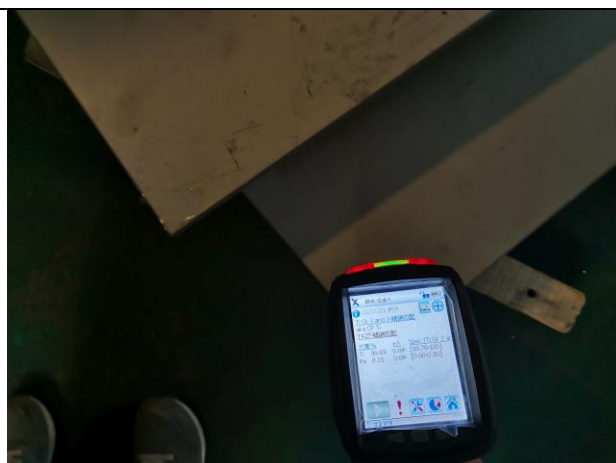
PMI test



PMI test result



PMI test



PMI test result

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PMI test



PMI test

## Annex1:

## Dimension Check Records

Dimension Check Records

Item	Thickness (mm)	Width (mm)	Length (mm)	Result		
Item 1: 5X1220X2440MM B265 Ti GR2 B.L 0719 GPS Plates: 5pcs sampling: 5pcs						
Standard Value	4.75~6.14	1213.7~1229.5	2433.7~2452.7	-		
Actual value	4.97~5.07	1222~1224	2440~2443	Acc.		
Item 2: 10X1220X2440MM B265 Ti GR2 B.L 0722 GPS Plates: 3pcs sampling: 3pcs						
Standard Value	9.75~11.40	1213.7~1231.1	2433.7~2455.9	-		
Actual value	10.04~10.25	1219~1221	2439~2441	Acc.		
Item 3: 15X1220X2440MM B265 Ti GR2 B.L 0724 GPS Plates: 2pcs sampling: 2pcs						
Standard Value	14.75~16.40	1213.7~1231.1	2433.7~2455.9	-		
Actual value	14.79~15.45	1219~1220	2439~2441	Acc.		
Item 4: 25X1220X2440MM B265 Ti GR2 B.L 0727 GPS Plates: 1pcs sampling: 1pcs						
Standard Value	24.75~26.52	1213.7~1232.7	2433.7~2459.1	-		
Actual value	25.05~25.16	1222~1223	2442~2443	Acc.		
Item	Thickness(mm)		OD(mm)		L(mm)	Result
	T1	T2	D1	D2		
Item 1: 3" X2" S/40 B363 Ti Gr2 B.L 2136 GPS Fittings: 4pcs sampling: 4pcs						
Standard Value	4.80~6.18	3.42~4.40	88.9~90.5	59.5~61.9	86.9~90.9	-
Actual value	5.50~5.90	4.00~4.30	88.9	60.4~60.6	88.9~89.2	Acc.

## Annex 2:



## INSPECTION REPORT Nr GPSS-500839-20210318

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## PMI Test Result Records

Item	Ti (%)	Fe (%)	Ni (%)	Zr (%)	Result
Item 1: 5X1220X2440MM B265 Ti GR2 B.L 0719 GPS Plates: 5pcs sampling: 5pcs					
Standard Value	99.80~100	0~0.30	-	-	-
Actual value	99.948~99.976	0.027~0.035	0~0.017	0	Acc.
Item 2: 10X1220X2440MM B265 Ti GR2 B.L 0722 GPS Plates: 3pcs sampling: 3pcs					
Standard Value	99.80~100	0~0.30	-	-	-
Actual value	99.93~99.95	0.05~0.07	0	0	Acc.
Item 3: 15X1220X2440MM B265 Ti GR2 B.L 0724 GPS Plates: 2pcs sampling: 2pcs					
Standard Value	99.80~100	0~0.30	-	-	-
Actual value	99.76~99.82	0.13~0.31	0~0.029	0~0.016	Acc.
Item 4: 25X1220X2440MM B265 Ti GR2 B.L 0727 GPS Plates: 1pcs sampling: 1pcs					
Standard Value	99.80~100	0~0.30	-	-	-
Actual value	99.69~99.86	0.11~0.13	0~0.019	0~0.012	Acc.
Item 5: 3" X2" S/40 B363 Ti Gr2 B.L 2136 GPS Fittings: 4pcs sampling: 4pcs					
Standard Value	99.80~100	0~0.30	-	-	-
Actual value	99.93~99.96	0.04~0.07	0	0	Acc.

ANNEXES ☒ Yes ☐ No MTC of GPSS 500839

## Inspected by:

Name: Hu Kailong

Signature: hu kailong

Date of issue: 18<sup>th</sup>, Mar, 2021

Inspection centre: J-PECO Project supervision

## Checked by:

Name: Liu Xiaonan

Signature: Liu Xiaonan

Distribution: ☒ CLIENT ☐ MANUFACTURER ☒ J-PECO CHINA