




<b>Industry &amp; Facilities Division</b>		Page: 1/6  <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Final
<b>INSPECTION REPORT N° IR INS/SW-CD-14/040</b>		
<b>BV Job nr:</b> INS/SW-CD-14/040		

<b>PROJECT:</b> Third Party inspection For CHENGDU DERBO STEEL CO.,LTD	<b>Ref:</b> INS/SW-CD-14/040
<b>BV Client:</b> CHENGDU DERBO STEEL CO.,LTD	<b>P/o nr:</b> N/A <small>(client to BV)</small>
<b>Manufacturer:</b> HENGYANG VALIN STEEL TUBE CO., LTD	<b>P/o nr:</b> <small>(client to Manufacturer)</small>
<b>Inspection requested by:</b> CHENGDU DERBO STEEL CO.,LTD	

SUPPLY / SUBJECT OF INSPECTION	ITEM / TAG Nr	Qty( pcs)
API 5L L360N PSL2,DEP 31.40.20.37-GEN(FEB 2013)	2131000183-1 ~4, 2131000183-8~12	1126
API 5L Gr.B PSL2	2131000183-5~6	40
API 5L X52 PSL2	2131000183-7	1
<b>Total</b>		1167

Details see Table 1: List of supply

<b>DOCUMENTS OF REFERENCE :</b> See continuation sheet for additional documents: <input type="checkbox"/> Yes <input type="checkbox"/> No				
Title	Reference n°	Rev.	Approved by	Date
SPECIFICATION FOR LINE PIPE	API 5L PSL1	45th	API	2012-12
LINE PIPE FOR CRITICAL SERVICE	DEP 31.40.20.37-GEN	-	SHELL	2013-02

<b>INSPECTIONS :</b> <b>Inspection place &amp; Date or Period:</b> Hengyang Valin Steel Tube Co., Ltd 10 Dalixincun, Hengyang City, Hunan, China Inspection Date: Jun 13 ~14 <sup>th</sup> , 20 <sup>th</sup> , 2014 <b>Stage of inspection :</b> <input type="checkbox"/> Before manufacturing <input type="checkbox"/> During manufacturing <input checked="" type="checkbox"/> Final <input type="checkbox"/> Packing <b>Type of inspection:</b> <input type="checkbox"/> Pre-inspection meeting <input checked="" type="checkbox"/> Document and QC record review <input checked="" type="checkbox"/> Visual examination, checks <input type="checkbox"/> Witnessing tests <input type="checkbox"/> Manufacturing progress status <input type="checkbox"/> Vendor assessment <input checked="" type="checkbox"/> Final inspection <input type="checkbox"/> Packing <small>(for details see continuation sheet)</small> <b>Stamping :</b> <input checked="" type="checkbox"/> No <input type="checkbox"/>  <input type="checkbox"/> 	<b>Results of inspection :</b> <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory  <b>Non Conformities Reports (NCR):</b> ◦ NCR's issued during reported period : None  ◦ List of outstanding NCR's : None  <b>Main Conclusions &amp; Remarks:</b>  BV inspector inspected the pipes listed above according to the relevant specification at Hengyang Valin Steel Tube Co., Ltd. Final inspection result is acceptable.  (for more details, please refer to the inspection details hereinafter)  <b>Next visit scheduled:</b>  N/A
--	--





# INSPECTION REPORT N° IR INS/SW-CD-14/040

☐ Interim  
☒ Final

BV Job nr: INS/SW-CD-14/040

## Description of the inspections carried out:

### ➤ Introduction (Attendees, BV scope of work)

Third Party Inspection for CHENGDU DERBO STEEL CO.,LTD was carried out by Mr Xiquan Deng, the inspector from Bureau Veritas Quality Service (Shanghai) Co., Ltd on Jun 13 ~14<sup>th</sup>,20<sup>th</sup>,2014 in Hengyang Valin Steel Tube Co., Ltd, Hunan province, China.

### BV scope of work:

- 1) Visual inspection & Dimensional Check
- 2) Documents Review

### ➤ Applicable Documents & Status of Approval (Type of documents reviewed & endorsed)

N/A

### ➤ Manufacturing Progress Status (Quantities)

There were 1167 pcs pipes listed above were performed the final inspection.

### ➤ Details of inspection activities carried out with respect to scope of work (Visual examination, witnessing NDT, dimensional checks, material identification...)

No.	BV Scope of Work	Satisfactory	Unsatisfactory	Findings
1	Visual inspection & Dimensional Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None
2	Documents Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None

### ➤ Surveillance with reference to ITP (Each activity elaborated in detail)

#### ● Visual inspection & Dimensional Check

Randomly above 10% dimension checking included outside diameter, wall thickness and length of the pipes was carried out at site. The inspector witnessed the measurement and found the result was acceptable according to the requirement of specification and PO.

The bevel for the end of pipes had been checked as well. The angle and root face had been checked and found acceptable.

Above 10% visual inspection for pipes was performed at site. There was no any unacceptable defect was found. The pipes were beveled ends with plastic caps protected. The marking was checked as well and found acceptable.

#### ● Documents review

The documents of manufacture had been reviewed. The documents such as mechanical properties test record, chemical analysis record, NDT test report and Hydrostatic test record had been reviewed by BV inspector and found acceptable.




☐ Interim  
☒ Final

# INSPECTION REPORT N° IR INS/SW-CD-14/040

**BV Job nr:** INS/SW-CD-14/040

## ► Results of Inspection (incl. calibration status of equipment / instruments used for the inspection / testing)

The equipment and instruments used for the inspection was calibrated and in valid yes .  
 The inspection result was acceptable .

## ► Problems pending (Areas of Concern, punch list...) None

**Table 1: List of supply**

SUPPLY/SUBJECT OF INSPECTION	Item	Heat No.	Batch No.	Qty (pcs)	Qty (metres)	Qty (tons)
L360N 114.3mm×8mm×11.8m	1	1432663V	41L51909A	94	1109.2	23.256
			41L51909B	87	1026.6	21.524
		1432662V	42L52001A	109	1286.2	26.967
			42L52001B	116	1368.8	28.699
			42L52001C	68	802.4	16.824
			42L52001D	89	1050.2	22.019
		1432665V	42L52905A	12	141.6	2.969
Sub total				<b>575</b>	<b>6785</b>	<b>142.258</b>
L360N 168.3mm×8.8mm×11.8m	2	1432664V	42L51805A	96	1132.8	39.2
			42L51805B	129	1522.2	52.675
		1432665V	42L51806A	35	413	14.292
			42L51806B	48	566.4	19.6
		1432663V	42L51807A	59	696.2	24.092
			42L51807B	60	708	24.5
Sub total				<b>427</b>	<b>5038.6</b>	<b>174.359</b>
L360N 219.1mm×8mm×11.8m	3	1432705V	D53L15020	34	400.05	16.658
			D54L27020	7	82.6	3.439
Sub total				<b>41</b>	<b>482.65</b>	<b>20.097</b>
L360N 273mm×8mm×11.8m	4	1432705V	D53L15190	<b>41</b>	<b>483.8</b>	<b>25.297</b>
BN 168.3mm×10.97mm×11.8m	5	1430953V	43L51805A	<b>13</b>	<b>153.4</b>	<b>6.528</b>
BN 168.3mm×7.11mm×11.8m	6	1410779V	43L51902A	21	247.8	7.002
		1432947V	44L53010A	6	70.8	2.001
Sub total				<b>27</b>	<b>318.6</b>	<b>9.003</b>
X52 323.8mm×8.74mm×11.8m	7	1432782V	D53L21020	<b>1</b>	<b>11.8</b>	<b>0.801</b>
L360N 114.3mm×9.6mm×12m	8	1432665V	41L51904A	13	156	3.867
			41L52707A	4	48	1.19
Sub total				<b>17</b>	<b>204</b>	<b>5.057</b>
L360N 114.3mm×9mm×12m	9	1432665V	41L51905A	<b>2</b>	<b>24</b>	<b>0.561</b>
L360N 168.3mm×10.6mm×12m	10	1432665V	43L51806A	2	24	0.989
			43L52304A	12	144	5.936
Sub total				<b>14</b>	<b>168</b>	<b>6.925</b>
L360N 219.1mm×9mm×12m	11	1432705V	D52L15070	<b>4</b>	<b>48</b>	<b>2.239</b>
L360N 273mm×9mm×12m	12	1432705V	D54L16052	<b>5</b>	<b>60</b>	<b>3.515</b>
<b>TOTAL</b>				<b>1167</b>	<b>13777.85</b>	<b>396.64</b>



# INSPECTION REPORT N° IR INS/SW-CD-14/040

BV Job nr: INS/SW-CD-14/040

## ➤ Photos at site

Visual check



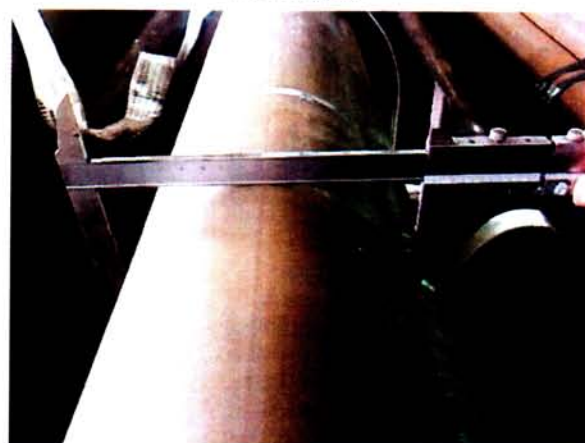
Visual check



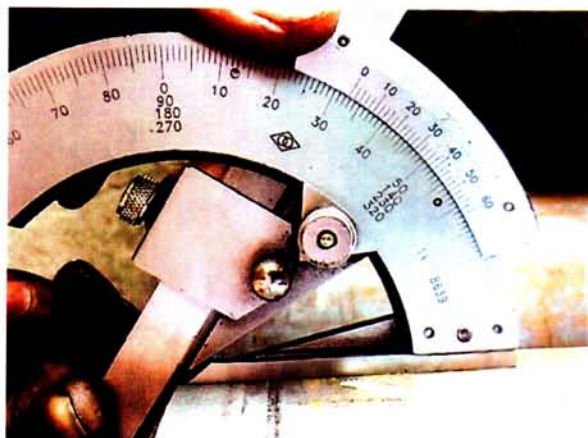
OD check



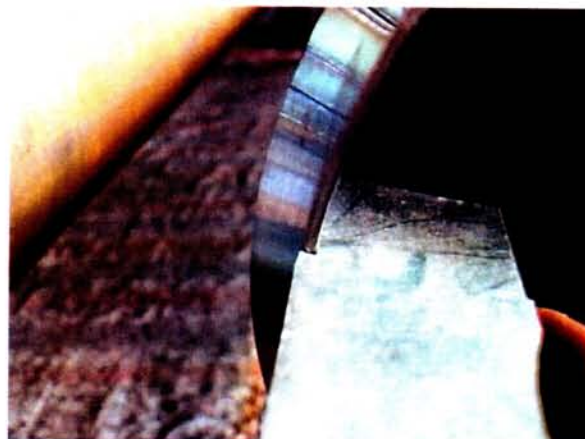
OD check



Bevel check



Edge check





☐ Interim  
☒ Final

## INSPECTION REPORT N° IR INS/SW-CD-14/040

BV Job nr: INS/SW-CD-14/040

Wall thickness check



Wall thickness check



Length check



Length check



Label



Marking



**INSPECTION REPORT N° IR INS/SW-CD-14/040**☐ Interim  
☒ Final**BV Job nr:** INS/SW-CD-14/040ANNEXES ☐ Yes (Total number of pages: 0 page)☒ No**Issued by:**Xiquan Deng**Checked by:**Date of issue: Jun 22<sup>nd</sup>, 2014**Inspection centre:** BV Quality ServiceDistribution: ☒ CLIENT☐ MANUFACTURER