



**Inspection Order No. :** IN-TJ- 5404-11003-02 (2010/CTS/101325)  
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**Date of issue:** Jan.19, 2011

**INS PECTION RE PORT**

(non-negotiable)

- Description and Quantity of Commodity:** Steel pipes  
80pcs
- Name & Address Of Buyer:** Icmadit Kidene Industrial Company  
Tinke Yourber Road, Tehrar, Iram
- Name & Address Of Seller:** Chengdu Derbo Steel Co.,Ltd  
Room No.1025 Meinian Plaza Tianfu Avenue Chengdu City China  
Tel:+86-28-85223949 Fax:+86-28-85249639
- Inspection Date & Place:** Jan.18-19, 2011, Hebei Yanshan
- P/I No.:** 89P57
- Nature Of Inspection:**
- 1) Quantity check,
  - 2) Visual quality inspection randomly,
  - 3) Packing check randomly as per ASTM A335
  - 4) Dimension check randomly, including outside diameter, wall thickness and length, etc, as per ASTM A335
  - 5) Lab testing randomly in SGS lab, including chemical analysis: C,Si,Mn,P,S,Cr,Mo, mechanical properties: tensile test, flatten test for ASTM A335
  - 6) Witness hydrostatic testing in manufactory's lab
- Inspector:** Havis Li

This report that we, SGS-CSTC (Tianjin) Co., Ltd on Jan.18-19, 2011 at the request of the client conducted the following inspection:

**Inspection Finding:**

1) Quantity check

During inspection, 80pcs pipes were found on site, all pipes were painted with black coating from outside. Tube ends were machined with bevels.

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2) Visual quality inspection randomly. (sample size: ANSI/ASQ, Z1.4-2008, L-II, 13 pieces totally)

During the inspection, the surface is in normal condition, rust, cracking, folds were not found :



Visual Quality



Tube end bevel

3) Packing and marking check randomly; (sample size: ANSI/ASQ, Z1.4-2008, L-II, 13 pieces totally)

During inspection, packing and marking were check randomly, the details were as bellow:



Packing

4) Dimension check randomly, including outside diameter, wall thickness and length, etc, as per ASTM A335. (sample size: ANSI/ASQ, Z1.4-2008, L-II, 13 pieces totally)

Size	S/S	Outside diameter	Wall thickness	Weight per pc	total length
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	(pcs)		(mm)	(mm)	(kg)	per pc(mm)
Φ 114.3x6.02x8630	80	Required	114.3(+0.8/-0.8)	6.02 (>87.5%)	138.68-156.7	8630
		Actual	113.6-114.2	6.2-6.6	139-142	8595-8640

Remark: 1. As the requirement from the ASTM A999 part 12.1.1, for the pipe which length is more than 7.3m, the tolerance of the length should be discussed by purchaser and manufacturer.

2. As the requirement from the ASTM A999 part 16.2, the straightness shall be measured by straight ruler with the length of 3m. The manufacturer didn't have this equipment, the inspector can not check it onsite.

5) Lab testing randomly in SGS lab, including chemical analysis: C,Si,Mn,P,S,Cr,Mo, mechanical properties: tensile test, flatten test for ASTM A335, sample size 1pc

The samples have been sent to SGS lab for testing.



The cargos

Visual check

6) Witness hydrostatic testing in manufactory's lab, (sample size: ANSI/ASQ, Z1.4-2008, L-II, 13 pieces totally)

Since the limited condition of the inspection site, the hydrostatic test can't be performed.

7) Calibration certificate.

Tools	Number	Range	Duration
Ruler	/	0~15m	/
Thickness gauge	/	0~10mm	/
Balance	080875131	100~10000kg	Before 2010.9.7

8) Reference photos



Dimension check



Dimension check



Dimension check



Dimension check



Weight check



Weight check



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