

Inspection Order No.: IN-NJ-5802-15137
 BOSS No. : 16591310
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 Date of issue: Nov.13, 2015

INSPECTION REPORT

(non-negotiable)

-Description and Quantity of Commodity: 324 pieces steel sheet pile

-Name & Address Of Buyer:

-Name & Address Of Seller:

NANJING GRAND STEEL PILING CO.,LTD.

-Inspection Date & Place:

Nov.12, 2015 at Nanjing City, Jiangsu Province, P.R.China

- L/C No.:

N/A

-P/O No.:

-P/I No.:

N/A

-Nature Of Inspection:

Item	Comment
Quantity check	Acceptable
Visual quality check	Subject to client's evaluation
Dimension check	Subject to client's evaluation

-Inspector:

Jerry Chi

Jerry Chi

- Reviewed by

John Yue

John Yue

This is to report that we, SGS-CSTC Nanjing Branch at the request of NANJING GRAND STEEL PILING CO.,LTD. conducted the following inspection:

Grand Piling

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[Rev.:01 Mar. 10th 2014] Member of the SGS Group (Société Générale de Surveillance)



Instrument checklist

During the inspection, the following instrument calibration status has been checked for this inspection:

No.	MEASURING INSTRUMENT DESCRIPTION	CALIBRATION STATUS	CERTIFICATE NO.
1	Steel tape(0~30meter, No.#02)	Calibrated Valid to 2016.06.01	50016690-002
2	Vernier Caliper (0~300mm, NO.D25279)	Calibrated Valid to 2016.05.27	50016691
3	Direct-reading spectrometer(Maxx16, No.13002170)	Calibrated Valid to 2016-3-23	C2015-3012108
4	Mechanical testing machine(SHT4106-1000KN, No.31112004)	Calibrated Valid to 2016-3-23	M2015-3012113
5	Impact testing machine(ZBC3302-A-300J, No.21212043)	Calibrated Valid to 2016-3-23	M2015-3012110

1. Quantity check

- Reference document:

The product quantity was checked by SGS inspector at manufacturer's workshop. Total 324 pieces steel sheet pile (product type was 600*200*10) were found at manufacturer's warehouse. The total quantity and product type were conform to the requirement

2. Visual quality check

- Reference document: EN10249-1995

Visual quality was randomly checked by SGS inspector during this visit. Detail findings as below:

- ✓ Slight scratch was found on the product surface.
- ✓ The end of sheet piling was grinded but several cutting burrs still exist.

3. Dimension check

- Reference document: EN10249-1995 and drawings
- Sample size: total 13pcs according to ANSI/ASQ Z1.4-2008 S4

The length, width, height, wall thickness was checked by SGS inspector as required. Detail as below:

Product seq. No.	Req. length (mm)	Actual length (mm)	Req. width (mm)	Actual width (mm)	Req. height (mm)	Actual height (mm)	Req. wall thickness (mm)	Actual wall thickness (mm)
73	11800±50	11802	642±12	642	228±6	231	10±0.32	10.1
190	11800±50	11803	642±12	642	228±6	232	10±0.32	10.1
189	11800±50	11801	642±12	645	228±6	234	10±0.32	9.9
188	11800±50	11794	642±12	646	228±6	231	10±0.32	10.3

118	11800±50	11800	642±12	644	228±6	230	10±0.32	10.1
119	11800±50	11797	642±12	644	228±6	230	10±0.32	10.0
120	11800±50	11798	642±12	644	228±6	231	10±0.32	10.0
125	11800±50	11801	642±12	644	228±6	230	10±0.32	10.2
136	11800±50	11800	642±12	642	228±6	233	10±0.32	10.0
135	11800±50	11805	642±12	643	228±6	230	10±0.32	10.0
134	11800±50	11797	642±12	642	228±6	230	10±0.32	10.0
140	11800±50	11798	642±12	642	228±6	230	10±0.32	10.0
132	11800±50	11801	642±12	645	228±6	229	10±0.32	9.9

Remarks:

- 1, The measurement conform to the required tolerance of EN10249-1995.

Time sheet:

Date	Time	Description	Hours
2015-10-26	8:00~10:00	Traveling	2
	10:00~16:00	Working	6
	16:00~19:00	Traveling	3
		Lunch	1
Total			10

THIS REPORT ONLY REFLECTED OUR ACTUAL FINDINGS. THE INSPECTION WAS DONE TO THE BEST OF OUR KNOWLEDGE AND ABILITY AND WITH DUE CARE. THE FINDINGS ARE VALID AS FOR TIME AND PLACE OF INSPECTION.

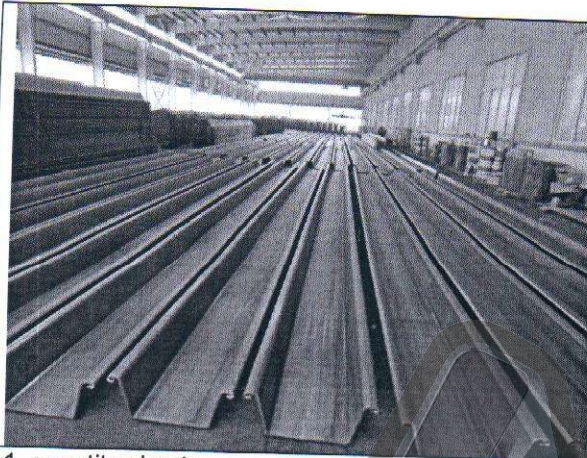
Attachment: Photos during inspection

Grand Piling

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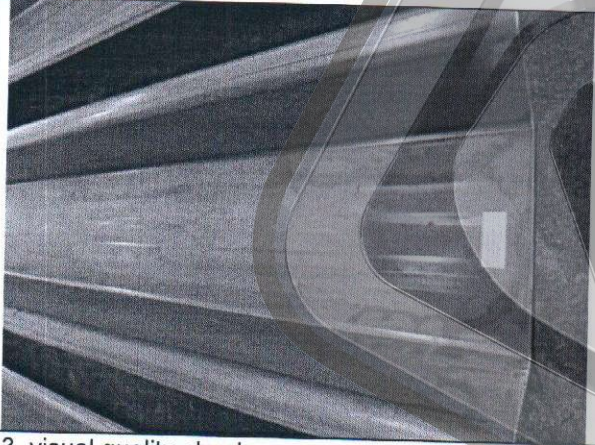
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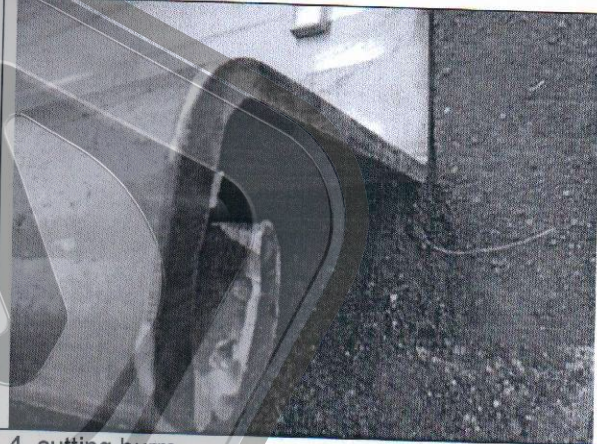
1, quantity check



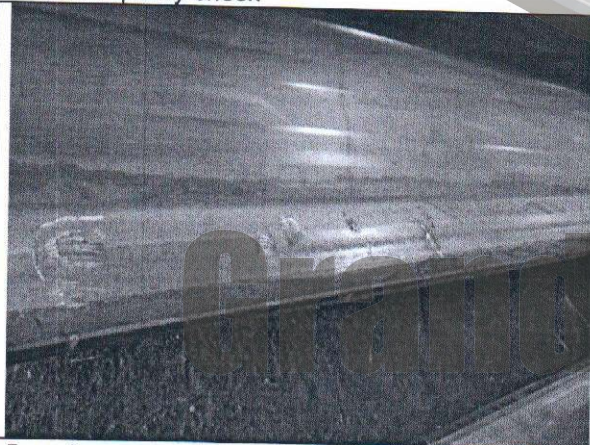
2, quantity check



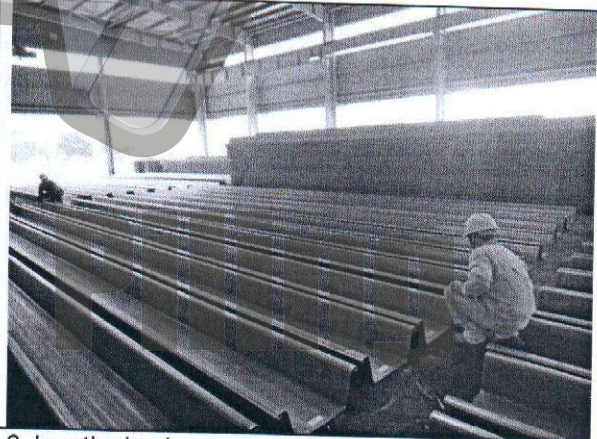
3, visual quality check



4, cutting burrs

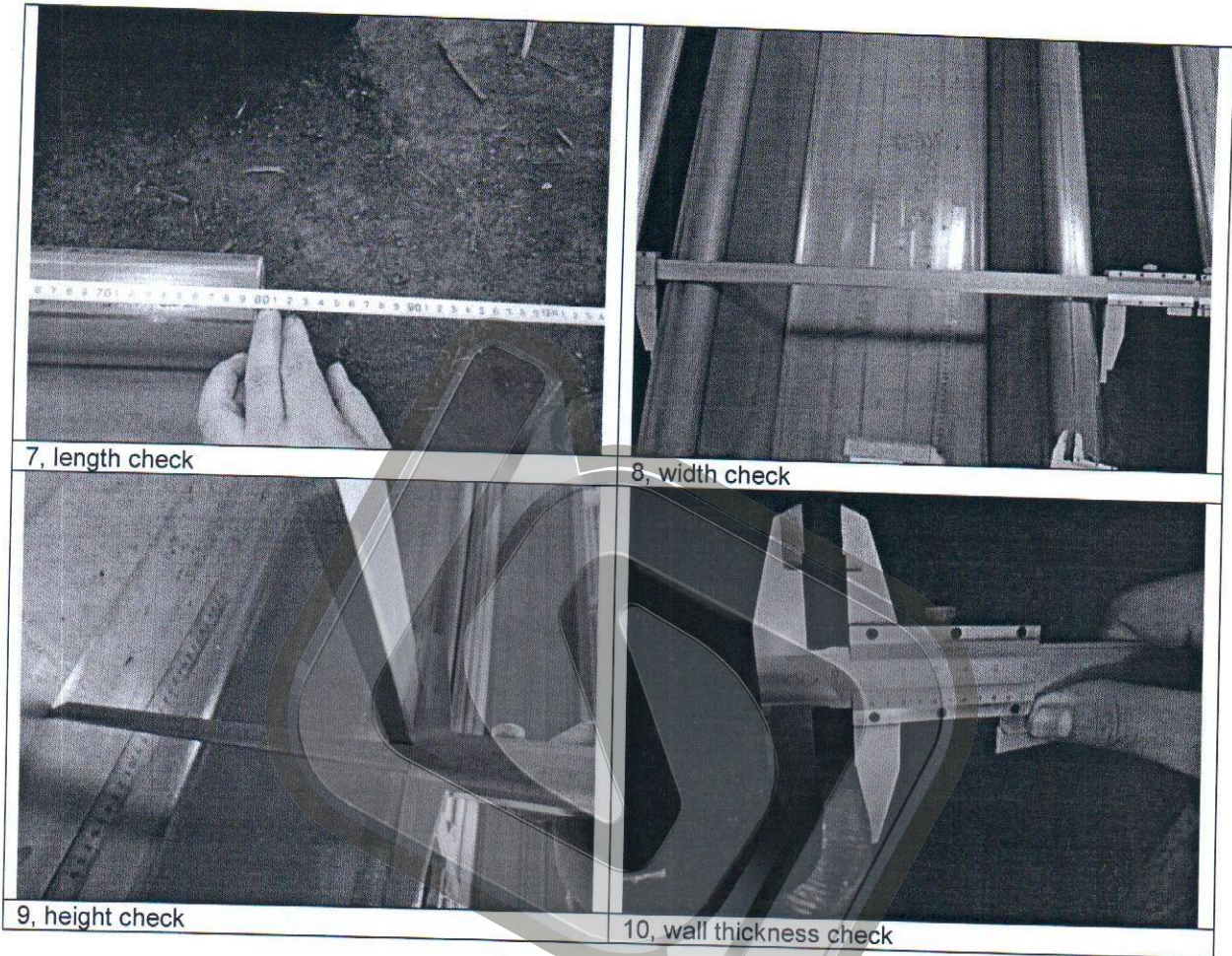


5, surface scratch



6, length check

Rouatou



End of report

FOR AND ON BEHALF OF
SGS-CSTC STANDARDS
TECHNICAL SERVICES CO., LTD.

Grand Piling

Qian Han
AUTHORIZED SIGNATURE