

Inspection Report

(Non-negotiable)

Inspector: Harry Ren
Inspection location: Dagang district, Tianjin City
Date of inspection: Sep.29, 2016

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002372

www.sgsgroup.com.cn
sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District,, China 300345

Tel: (86-22) 59803788 Fax: (86-22) 59803766

Contents

1. Background information	3
2. Instrument.....	4
3. Quantity check	4
4. Packing check	4
5. Marking check	5
6. Visual quality check.....	5
7. Dimension check	5
8. Coating thickness check	7
9. Photos.....	9
10. Timesheet	13

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002373

www.sgsgroup.com.cn
sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345

1. Background information

SGS order No.:	IN-SH-5802-16296				
Coordinator:	Betty Du		Telephone:	+86 (0)21 61196300	
Description of commodity (Name ,Model ,Quantity ...)					
Piles with coating, ϕ 356 x9mm x8000mm, total 108pcs					
Piles with coating, ϕ 356 x9mm x7500mm, total 138pcs					
Buyer(Name ,Address...)					
THE BUILDING PRODUCTS CO.LTD.					
P.O. BOX 50968					
JEDDAH 21432					
SADUI ARABIA TEL: 012 6823680/FAX:0126828352					
Seller(Name ,Address...)					
LIVART MARINE INDUSTRY CO.LTD					
RM B413, HENGYU CENTER, DENGJIANG ROAD, NAN SHAN DISTRICT.,SHENZHEN, CHINA					
T:+86-755-25578529					
L.C No.	W062840 Date:160830				
Nature of inspection:	Item	Satisfactory		Non conforming	
	Quantity check(not include weight check)	●			
	Item	Satisfactory	Non conforming	Rejected	Subject to buyer's evaluation
	Packing check				●
	Marking check	●			
	Visual quality check				●
	Dimension check				●
	Coating thickness check				●

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: C.N.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
 This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
 Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002374

www.sgs.com.cn
 e.sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345



2. Instrument

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

No.	Name	ID No.	Measuring range	Calibrated ^{[1] [2]} (Yes/No/NA)	Certificate NO. (Optional)
1	Steel Tape Measure	IND-TJ-JC20M-69	0~20m	Yes	---
2	Thickness gauge	1542065	17~5900um	Yes	CDdy1600068
3	Micro Meter	IND-TJ-WJ-05	0-25mm	Yes	---

[1] Calibrated

--- "Yes" means the instrument was calibrated and now is in the period of validity.

--- "No" means the instrument should be calibrated, in fact it was never calibrated or not calibrated before the expiry date.

--- "NA" means the instrument does not need to be calibrated in the view of its function.

[2] All calibrated instruments must be provided the total pages copy of calibration certificate

3. Quantity check

3.1 Reference document:

[Packing list [Invoice No.:LVC160920]]

3.2 Method of quantity check

→ [Total pieces counting]

No.	Description	Req. quantity by pieces	Act. quantity by pieces
1	Piles with coating, Φ 356 x9mm x8000mm	108pcs	108pcs
2	Piles with coating, Φ 356 x9mm x7500mm	138pcs	138pcs

3.3 Remark:

The actual quantity was in accordance with the requirement of packing list [Invoice No.:LVC160920] provided by client.

4. Packing check

4.1 Reference document:

[Packing list [Invoice No.:LVC160920]]

4.2 Sample size: [As per client's requirement, 10% of all the cargo, total 25pieces]

4.3 Outer package



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002375

www.sgsgroup.com.cn
e sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345



Packing check was performed during the inspection, and found the cargo was nude packing and located at open storage without any covering.

4.4 Inner package:

N/A

4.5 Remark:

Packing requirement was not found on the documents provided by client; the result of packing was subjected to buyer's evaluation.

5. Marking check

5.1 Reference document:

[Packing list [Invoice No.:LVC160920]]

5.2 [Sample size: [As per client's requirement, 10% of all the cargo, total 25pieces]

5.3 Mark on the product:

White paint mark was found on the external surface near one end, details as below,
THE BUILDING PRODUCTS CO.LTD.POST BOX NO.50968, JEDDAH 21432,
SADUI ARABIA TEL:6823680/FAX:6828352 ATTENTION:MR.HAFIZ SOUKI
MANUFACTURER:LIVART MARINE INDUSTRY CO.,LTD MADE IN CHINA

5.4 Remark:

Marking check is acceptable according to packing list [Invoice No.:LVC160920].

6. Visual quality check

6.1 Reference document:

[Packing list [Invoice No.:LVC160920]]

6.2 Sample size: [As per client's requirement, 10% of all the cargo, total 25pieces]

Visual quality inspection was performed by SGS inspector on site; found the cargos were welded pipes actually, and the pipes were plain ends without beveling, the weld seams were found on the external and internal surface. The external surface of pipes was painted with black paint. The coating was clean and smooth. The internal surface of pipes was not painted; slight nature rust was found during the inspection. No other defect was found during the inspection, such as deformation, crack, pit, etc.

6.3 Remark:

The requirement of visual quality was not mentioned in the document provided by client; the result was subjected to buyer's evaluation.

7. Dimension check

7.1 Sample size: [As per client's requirement, 10% of all the cargo, total 25pieces]

The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
 This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
 Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002376

www.sgsgroup.com.cn
sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District,, China 300345



7.2 Reference document:

[Drawings date 2016-8-29]

Dimension inspection was performed by SGS inspector during inspection; details as below,

Unit:mm

Description	SGS Marking No.		Outer diameter	Wall thickness	Length
Piles with coating, Φ 356 x9mm x8000mm		Req. value	356	9	8000
	001	Act. value	358.2	9.62,9.74	8008
	002	Act. value	358.3	9.73,9.75	8013
	003	Act. value	358.6	9.64,9.76	8017
	004	Act. value	357.3	9.50,9.66	8020
	005	Act. value	357.8	9.75,9.82	8003
	006	Act. value	359.2	9.76,9.81	8010
	007	Act. value	359.5	9.72,9.74	8023
	008	Act. value	359.0	9.71,9.72	8006
	009	Act. value	358.3	9.70,9.76	8001
	010	Act. value	358.4	9.72,9.74	8022
Piles with coating, Φ 356 x9mm x7500mm		Req. value	356	9	7500
	012	Act. value	358.2	9.54,9.65	7504
	013	Act. value	358.3	9.63,9.64	7496
	014	Act. value	358.5	9.56,9.72	7491
	015	Act. value	358.8	9.49,9.58	7496
	016	Act. value	359.2	9.53,9.72	7508
	017	Act. value	359.5	9.72,9.74	7497
	018	Act. value	358.2	9.76,9.72	7494
	019	Act. value	358.2	9.70,9.71	7516
	020	Act. value	358.8	9.72,9.74	7524
	021	Act. value	358.2	9.65,9.76	7500
	022	Act. value	359.2	9.66,9.70	7519
	023	Act. value	359.2	9.65,9.76	7500
	024	Act. value	358.5	9.72,9.68	7513
	025	Act. value	359.2	9.69,9.71	7505

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002377

www.sgs.com.cn
e.sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345



7.3 Measurement method

Outer diameter: Used the steel tape and measured the circumference at the position more than 100mm in the distance from pipe end to calculate the outer diameter

Wall thickness: Used the micro meter measure at pipe ends, 2points were checked randomly on circumference and included the HAZ.

Length: Used the tape and measure the distance of tube from one end to another end.

7.4 Remark:

- 1) As per the requirement on drawing date 2016-8-29, no tolerances of outer diameter, wall thickness & length were required.
- 2) The inspected pipes were marked by SGS inspector on internal surface near one end, pictures were attached for reference.
- 3) The Act. Values were measured with coating.
- 4) The result of dimension inspection was subjected to buyer's evaluation.

8. Coating thickness check

8.1 Sample size: [As per client's requirement, 10% of all the cargo, total 25pieces]

8.2 Reference document:

[Drawings, date 2016-8-29]

Coating thickness check was performed by SGS inspector on site, details as below:

Specification	SGS Marking No.	Coating thickness (um)	
Piles with coating, ϕ 356 x9mm x8000mm		Req. value	500
	001	Act. value	564,567,566,582,625,629,641,637,656,647
	002	Act. value	627,686,694,721,625,716,606,721,666,731
	003	Act. value	576,761,665,676,682,623,646,658,621,644
	004	Act. value	676,645,666,656,592,576,594,580,576,625
	005	Act. value	621,624,616,623,675,674,626,643,625,641
	006	Act. value	636,619,609,647,625,712,721,705,711,676
	007	Act. value	625,655,641,675,643,636,625,673,681,669
	008	Act. value	671,678,656,674,665,676,631,655,641,643
	009	Act. value	627,642,731,644,626,676,665,660,630,629
	010	Act. value	649,657,678,721,711,642,589,561,572,574
	011	Act. value	571,562,721,701,626,578,619,560,711,709

The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002378

www.sgsgroup.com.cn
sgs.china@sgs.com

No. 555, Central Avenue, Airport Economic Area, Dongli District., China 300345

Piles with coating, ϕ 356 x9mm x7500mm		Req. value	500
	012	Act. value	625,721,606,621,623,625,627,628,629,646
	013	Act. value	631,649,657,672,642,576,641,657,591,575
	014	Act. value	605,621,673,671,674,672,595,608,646,625
	015	Act. value	656,682,665,631,644,621,677,658,671,564
	016	Act. value	594,633,576,622,644,632,626,673,631,651
	017	Act. value	647,647,687,672,711,634,611,642,643,592
	018	Act. value	672,659,645,593,660,607,675,609,641,677
	019	Act. value	691,684,646,658,589,587,625,749,724,631
	020	Act. value	756,727,674,672,676,662,623,675,647,671
	021	Act. value	642,692,631,647,586,546,647,637,645,681
	022	Act. value	662,671,625,673,577,634,678,679,627,623
	023	Act. value	647,631,665,637,742,583,741,621,677,647
	024	Act. value	721,711,606,624,579,674,578,661,676,628
	025	Act. value	657,652,651,624,662,594,642,672,674,711

8.3 Remark:

- 1) 10points were selected randomly along the full length for coating thickness measurement.
- 2) The UV resistance polyurethane coat was applied to the whole length of the pipe.
- 3) The actual thickness value was in accordance with the requirement specified in Drawings, date 2016-8-29.
- 4) Due to the pipes were finished coating when SGS inspector arrival at the inspection site, only sum thickness of coating could be checked.
- 5) The result of coating thickness inspection was subjected to buyer's evaluation.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002379

www.sgsgroup.com.cn
e sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345

9. Photos



Fig.1 Quantity inspection



Fig.2 Quantity inspection



Fig.3 Marking inspection



Fig.4 Visual quality for internal surface

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002380

www.sgs.com.cn
sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345

SGS-CHINA Standards Technical Service (Shanghai) Co., Ltd.
Industrial Service



Fig.5 Visual quality for weld seams



Fig.6 Visual quality for weld seams



Fig.7 Visual quality



Fig.8 Visual quality



Fig.9 Visual quality



Fig.10 Visual quality



Fig.11 SGS Marking

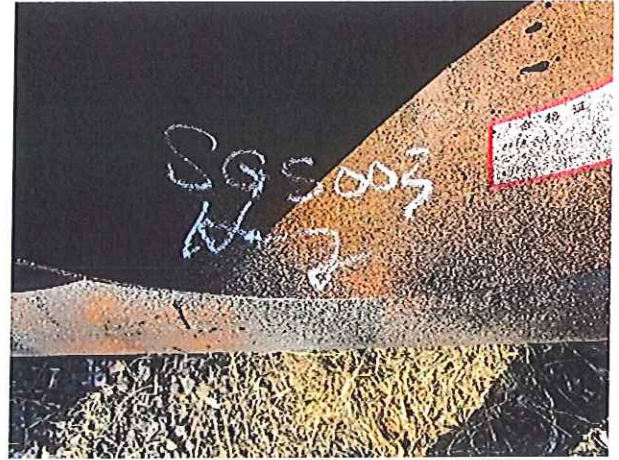


Fig.12 SGS Marking

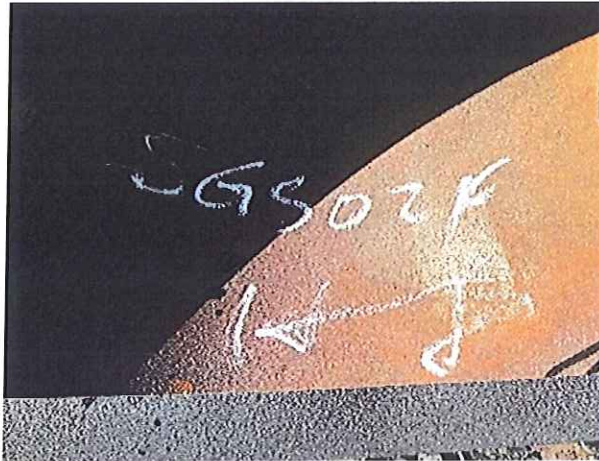


Fig.13 SGS Marking



Fig.14 SGS Marking



Fig.15 Dimension check



Fig.16 Dimension check



Fig.17 Dimension check



Fig.18 Dimension check



Fig.19 Dimension check



Fig.20 Dimension check



Fig.21 Dimension check



Fig.22 Dimension check



Fig.23 Coat thickness check

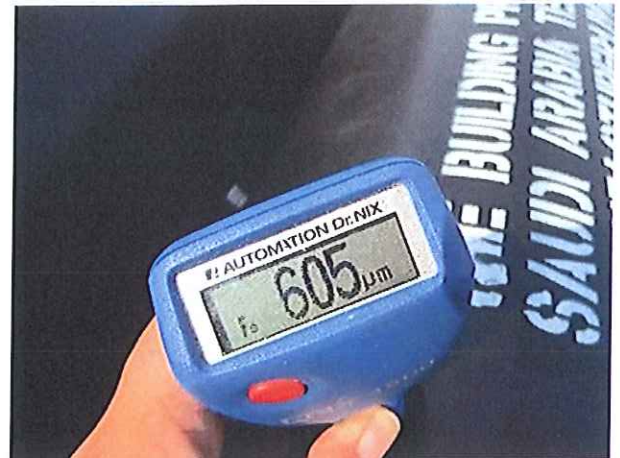


Fig.24 Coat thickness check



Fig.25 Coat thickness check



Fig.26 Coat thickness check

10. Timesheet

Name/Date	Time	Description	Hours
Sep.29 2016	7:30~9:30	Traveling	2
	9:30~15:30	Working	6
	15:30~17:30	Traveling	2
	20:00~21:00	Reporting	1
Total			11

Note: Both traveling time and reporting time are included.

The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002384


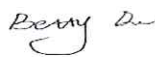
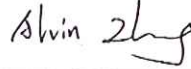
www.sgsgroup.com.cn
e sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District., China 300345



SGS-CTI Standards Technical Service (Shanghai) Co., Ltd.
Industrial Service

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.

Issued by:		Reviewed by:		Approved by:	
Title or position:	Inspector	Title or position:	Coordinator	Title or position:	Section Head
Date:	September 29, 2016	Date:	September 30, 2016	Date:	September 30, 2016

End of Report

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



The report would be invalid without authorized signature. The report shall not be reproduced except in full, without written approval of the Company.
This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SHIND 002385

www.sgs.com.cn
e sgs.china@sgs.com

No.555, Central Avenue, Airport Economic Area, Dongli District,, China 300345