

Inspection Report (PSI)

O-cn-1022355

PRODUCT DESCRIPTION

	Client Name:	Hebei Central Plumbing Industries		
	Product Name:	Ductile iron gate valve, Water Butterfly Check Valve, Centre Line Water Butterfly Valve		
	Inspection location:	Hebei		
	Your reference number:			
	P/O number:			
	Supplier:	Hebei Central Plumbing Industries		
	Order quantity:	787		
	Pcs ready for inspection:	787 (100%)		
	Reference sample available:	n/a		

Factory cooperation	Factory organization	Inspector's opinion on the factory
Average	Average	Average

RESULTS

Specifications Check:	Not OK			
Tests:	Passed			
AQL:	Beyond AQL	CRI	MAJ	MIN
	Found	1	6	2
	Max	0	5	7
	Checked	80	80	80
OVERALL INSPECTION RESULT:	Failed (Client has the final decision to Reject or Approve)			

IMPORTANT REMARKS / GENERAL DEFECTS

1. The color compared with RAL PANTONE ,found a slighty difference ; please refer to page 4 ;
2. For item Blue DN50,found a sharp point at handle area ;please refer to page 16 ;
3. No shipping mark found during inspection ;
4. No calibration label on equipment for weight checking and hydraulic test,the test result is for reference only ;
5. No approval sample compared with during inspection ;

INSPECTION STANDARDS	
Inspection type	Pre-Shipment Inspection
Sampling standard	ISO 2859-1 (Mil Std 105E)
Sampling level	II
AQL for Critical defective	Not Allowed
AQL for Major defective	2.5
AQL for Minor defective	4.0
Sampling size for Cri/Maj/Min	200 / 200 / 200 Pcs
Nb of inspected pieces	200 Pcs
Total quantity of cartons in your shipment	n/a
Quantity of cartons available for inspection	20
Nb of cartons inspected	8
Nb on the inspected cartons	No carton number on wood carton

Nb of Mandays spent: 1



Inspector 1: Bailey Lee



Report Approver : Joseph Wang

QUALITY CRITERIA (CheckL Nb. : CheckLNum)

1. Quantity

Expected Result	Result	Actual Finding / Comments
80% of the total order quantity must be finished and packed-order qty: 7545 Pcs	Not ok	Only 5903 pieces on site and 5443 packed in carton; details please refer to below table. 1642 (22%) not found in TJ factory

Item	Ordered	Ready		Inspected		Carton Size (cm)	Unit		Pcs/ inbox	inner/ Ctn			
		Qty	Packed Ctn	Qty	Ctn		Weight (kg)	Size (cm)					
BF DN50	N/A	1348	3	46	1	102x110 x108	Please refer to below table		12	26			
BF DN65		640	2	22	1				10	28			
BF DN80		1506	5	49	1				8	34			
BF DN100		1805	9	59	2				6	32			
BF DN125		35	0	1	1				4	32			
BF DN150		214	0	7	1				n/a	n/a			
BF DN200		109	1	4	1				Bulk	Bulk			
C DN80		116	0	4	0								
C DN100		116	0	4	0								
C DN150		12	0	2	0								
BI PN10		1	0	1	0								
BI PN16		1	0	1	0								
TOTAL		7545	5903	20	200				8	n/a	n/a	n/a	n/a

B means Butterfly valve;

C means Check valve;

BI means Brake valve

Note: For BF 150 in bulk and they would be packed in inner box before shipment which was declared by factory;

For Check valve all in bulk on site;

Defect list

Item	Defect name	Number of Ma.
BF DN50	Peel off painting	3
	Poor coating	1
	Cut mark	1
BF DN65	Peel off painting	1
	Poor coating	1
	Cut mark	1
BF DN80	Peel off painting	2
	Poor coating	1
	Cut mark	1
Total		12

Quantity of packed products:	5443 (72%)
Quantity of finished & unpacked products:	460 (6%)
Quantity of semi-finished products:	1642 (22%) not found in TJ factory

Pictures:



Packed goods



Packed goods



Bulk



Bulk



No punch holes on poly bag

2. Colours			
Expected Result	Result	Pantone code	Comments
-- Butterfly	n/a	300 C	As below pictures
For BI PN16		651 C	
For BI PN10		Black	
Client's comments:			

Pictures:



For Butterfly 300 C



For BI PN16 651 C



For BI PN10 Black

3. Product dimensions

a. Dimensions

Expected Result	Result	Actual Finding / Comments
-	n/a	Please refer to below table

b. Weight

Expected Result	Result	Actual Finding / Comments
-	n/a	Please refer to below table

Client's comments:

MEASUREMENT TABLE - Actual Finding

Size :mm Weight:kg	Expected	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Butterfly valve DN50	LXWXH	245x46x266	245x46x 266	245x46x266	245x46x26 6	245x46x266
	Hole distance	120	120	120	120	120
	Unit weight	2.2				
Butterfly valve DN65	LXWXH	262x49x269	262x49x 269	262x49x 269	262x49x 269	262x49x269
	Hole distance	135	135	135	135	135
	Unit weight	2.4				
Butterfly valve DN80	LXWXH	287x49x266	287x49x 266	287x49x 266	287x49x 266	287x49x266
	Hole distance	160	160	160	160	160
	Unit weight	2.85				
Butterfly valve DN100	LXWXH	318x56x293	318x56x 293	318x56x 293	318x56x 293	318x56x293
	Hole distance	185	185	185	185	185
	Unit weight	3.9				
Butterfly valve DN125	LXWXH	345x59x306	345x59x 306	345x59x 306	345x59x 306	345x59x306
	Hole distance	214	214	214	214	214
	Unit weight	5.25				
Butterfly valve DN150	LXWXH	481x59x304	481x59x 304	481x59x 304	481x59x 304	481x59x 304
	Hole distance	237	237	237	237	237
	Unit weight	6.5				
Butterfly valve DN200	LXWXH	459x65x408	459x65x 408	459x65x 408	459x65x 408	459x65x408
	Hole distance	292	292	292	292	292
	Unit weight	11.7				

Check valve DN80	Dia.xHeight	135x64	135x64	135x64	135x64	135x64
	Unit weight	2.9				
Check valve DN100	Dia.xHeight	160x65	160x65	160x65	160x65	160x65
	Unit weight	3.8				
Check valve DN150	Dia.xHeight	216x78	216x78	216x78	216x78	216x78
	Unit weight	7.7				
Cast Iron Brake Valve	LXWXH	180x154x346	180x154x346	180x154x346	180x154x346	180x154x346
	Unit weight	9.5				
Cast Steel Brake Valve	LXWXH	182x196x375	182x196x375	182x196x375	182x196x375	182x196x375
	Unit weight	11.7				

Pictures:



Length



Width



Height



Distance between hole



Height



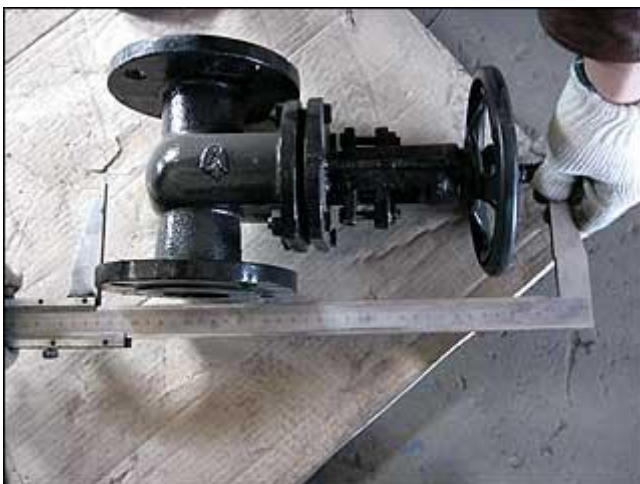
Dia.



Length



Width



Height



Zero scale



Unit weight

4. Artworks

Logo

Client's comments:

Did you get an artwork or physical reference of the logo in your hand during Inspection ?

NO

No logo

Label

Expected Result

Result

Actual Finding / Comments

n/a

No label on unit

5. Packing and packaging

a. Unit packing:

Expected Result

Result

Actual Finding / Comments

n/a

Each piece was put in poly bag

Pictures:





C DN80 front



back



Side



Side



C DN100 front



Back



Side



Side



C DN150 front



Back



Side



Side



BF DN50 front



Back



Plate



Handle



BF DN65 front



Back



Handle



Plate



BF DN80 front



Back



Handle



Plate



BF DN100 front



Back



Handle



Plate



BF DN125 front



Back



Handle



Plate



BF DN200 front



Back



Handle



Plate



BF DN150 front



Back



Handle



Plate



Marking on plate



BI PN10 front



Back



Side



Top



BI PN16 front



Back



Side



Top

b. Inner packing:

Expected Result	Result	Actual Finding / Comments
	n/a	Only found for Butterfly DN50, DN65, DN80, DN100, DN125.

Pictures:



Inner box



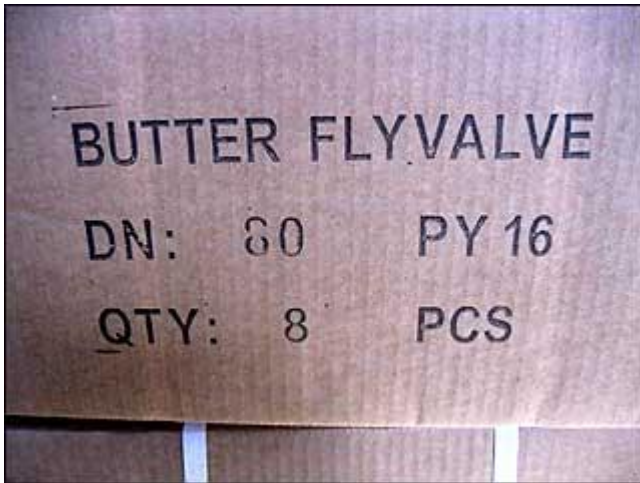
Packing method of inner box



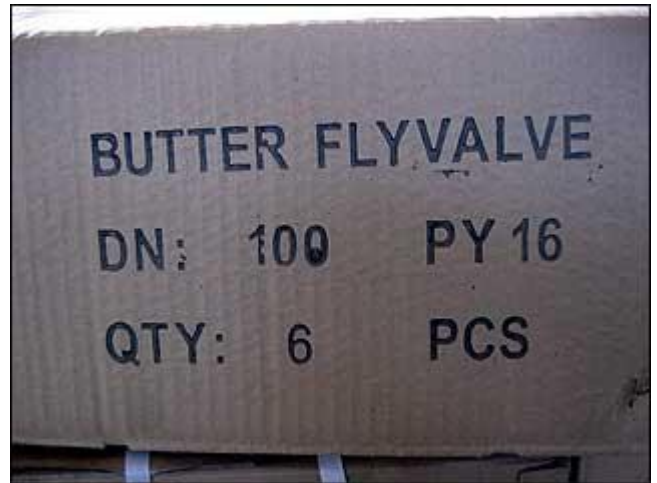
For DN50



For DN65



For DN80



For DN100



For DN125

c. Outer packing:

Expected Result	Result	Actual Finding / Comments		
Sealing method (Ex: staples - adhesive - plastic band - metal band):	n/a	Wood carton		
Number of pieces per carton (on 5 cartons)	Ok	Carton #	Reference #	# of pieces
		nil	DN 50	312
			DN 60	280
			DN 80	272
			DN 100	192
		DN 125	128	
Client's comments:				

Pictures:



Wood carton



Packing method of wood carton or Butterfly
DN50, DN65, DN80, DN100, DN125



Packing method of wood carton for DN 150



d. Dimensions of export cartons: (on 5 cartons)

Expected Result	Result	Actual Finding / Comments	
L: cm x W: cm x H: cm		Carton number	L x W x H (cm)
		nil	Please refer to above table.

Pictures:



Size of wood carton

e. Weight of cartons: (on 5 cartons)

Expected Result	Result	Actual Finding / Comments	
Maximum weight of Export Cartons:	n/a	Carton number	Weight (kg)
		No scale to check	
<i>(1 kg = 2.2 Lbs / 1 lb = 0.45 kg)</i>			



6. Shipping Marks




a. Carton Front Mark

Expected Result	Result	Actual Finding / Comments	
	n/a	No shipping mark on wood carton	

b. Carton Side Mark

Expected Result	Result	Actual Finding / Comments	
	n/a	No shipping mark on wood carton	

TESTS AND SPECIAL REQUIREMENTS		
Test description	Comments from Inspector	Result
Perform a carton drop test: 10 drops from the correct height based on carton weight as defined in ISTA 1 A(6 faces, 3 edges, 1 corner) - On 3 cartons – packed products should not get damaged	Inapplicable	n/a
Weight check-1 pc per type-5pcs	Please refer to above table	n/a
Gauge check for thickness and length, pcs per type-1) To spend gauging of a thickness of a wall of connecting parts with a female thread S(S1) and an external carving S3. Reduction of thickness of walls against nominal is supposed no more, than 20-5 pcs	No equipment provided on site for this test.	n/a
Checking the impenetrability of the air -3 pcs per type-The fittings (except threaded, connecting nuts and counter nuts) should be tested for impenetrability of the air when immersed in water during the time needed for detection of defects made by excessive pressure, but not less than 5 seconds. For the r-20 pcs	No equipment provided on site for this test.	n/a
Hydraulic test -1 pc per type--20pcs	Satisfactory	Passed
 <p>For butterfly valve</p>		


		
<p>For brake valve</p>		
		
<p>For brake valve</p>		
		
<p>For check valve</p>		
<p>Chemical analysis -1 pc per type--5 pcs</p>	<p>No chemical analysis report and equipment provided on site</p>	<p>n/a</p>
<p>If applicable , containment(impermeability) class -2pcs per type--5pcs</p>	<p>No equipment provided on site for this test.</p>	<p>n/a</p>



CLIENT'S IMPORTANT INSTRUCTIONS ON TESTS

Client's Instructions	<u>Actual Finding / Comments</u>
As above	As above

SAMPLE COLLECTION

[0] pcs of shipment samples were collected by inspector
[0] pcs of defective samples were collected by inspector

DEFECTIVES LIST					
		CRI	MAJ	MIN	Picture
	Peel off painting	0	6	0	 <p>The 'Picture' column contains three vertically stacked photographs. The top photo shows a blue metal part with a circular hole; a small area of blue paint is peeling away, indicated by a white sticker with a red arrow pointing left. The middle photo shows a black metal part with a similar peeling paint defect, also marked with a red arrow sticker. The bottom photo shows another blue metal part with a peeling paint defect, again marked with a red arrow sticker.</p>

	Cut mark	0	3	0	
	Poor coating	0	3	0	

DEFECTIVES LIST SUMMARY

	Cri	Maj	Min	AQL result Beyond AQL
Number of Defectives found	0	12	0	
Maximum Allowed	0	10	14	
No. of Inspected samples	200	200	200	

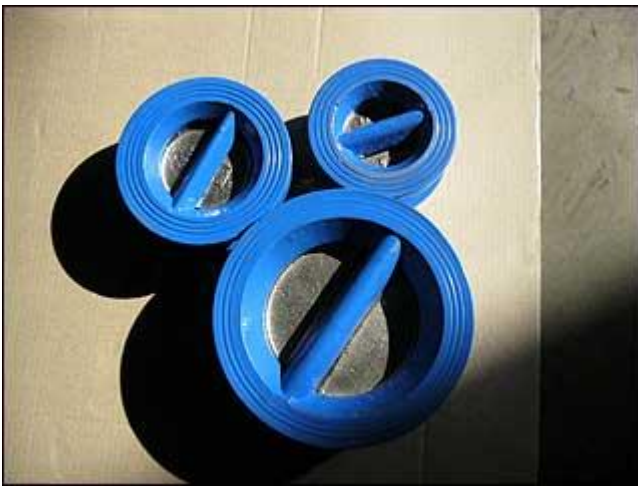
- Ø CRI: 0 defective pieces found out of acceptable 0 among 200 pieces inspected at level Not Allowed
- Ø MAJ: 12 defective pieces found out of acceptable 10 among 200 pieces inspected at level 2.5
- Ø MIN: 0 defective pieces found out of acceptable 14 among 200 pieces inspected at level 4.0

CLIENT'S IMPORTANT INSTRUCTIONS ON AQL

Client's Instructions	<u>Actual Finding / Comments</u>
As above	As above

ADDITIONAL PICTURES

Your Product



Check valve



Butterfly valve



Brake valve

Other Pictures

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Inspection Protocol - «OCServiceNumber»/ «OCInspectionDate»

AI Inspection No	O-cn-1106569	Client Name	SANTECHKOMPLEKT
Inspection Date	9/Mar/2011	Products	Valve
Inspector Name (s)	Bailey Lee	PO#	B-9
Factory Name	Jin Die	Ref#	nil

Important Remarks: (Please remark all not OK findings and failed test here)

1. Upon inspector arrived at factory, a packing list provided on site ; The actual shipment quantity is 5901 pieces +2 pieces reference sample instead of 7545 pieces stated on specification ;
2. No specification or drawing provided on site for data measurement/unit weight check ;
3. No equipment provided on site for the impenetrability of the air check ;
4. no tool to check thickness of wall for check valve series ;
5. No suitable balance provided on site for wooden box gross weight ;
6. No material certificate provided on site ;
7. No found gummed tapes used on inner boxes' open end ;
8. No reference sample provided on site ;
9. No found shipping mark on wood carton ;
10. No found punched holes or warning statement on poly bag ;
11. No calibration certificate on scale ;
12. Factory declared all defective goods would be repaired before shipment.
13. Because all inspected samples would be repair and clean, no seal and repack with AI sticker.

Defective List:

Defect Description		Critical	Major	Minor
Butterfly DNS0	Peel off painting	0	3	0
	Poor painting	0	1	0
	Cut mark on unit	0	1	0
Butterfly DN65	Peel off painting	0	1	0
	Poor painting	0	1	0
	Cut mark on unit	0	1	0
Butterfly DN80	Peel off painting	0	2	0
	Poor painting	0	1	0
	Cut mark on unit	0	1	0
Total Found		0	12	0
Samples inspected		200	200	200

Inspector(s) arrival time at the factory 检验员到达工厂的时间	am/pm	Inspection started at 检验工作开始了	9:00
Inspector(s) lunch time: from 检验员的午餐时间	from 12:00 pm to 12:30 pm	Inspection ended at 检验工作结束了	16:00
Inspector(s) departure time 检验员离开工厂的时间	16:00		

(Signatures)

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本检验报告仅供工厂作为对产品进行加工处理参考, 该报告并不具有任何法律或者财务的约束。

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Making your business in Asia safer

Inspection Protocol --«OCServiceNumbers»/ «OCInspectionDate»

I, the Inspector, hereby certify that the inspection has been performed in a fair, professional and honest way, and that I have not asked, nor received, any favour, compensation or gift from the Factory staff.
我作为检验员，在此保证所进行的检验工作是公平诚实的，没有向工厂的工作人员索要或接受他们的任何恩惠、报酬或礼物。

I, the Factory Representative, hereby confirm that the inspector behaved properly during inspection, and that I have not proposed, nor been required to offer, any favour, compensation or gift to the Inspector.
我作为工厂代表，在此证实检验员在检验过程中的行为正当，工厂没有被要求提供任何的恩惠、报酬或礼物给检验员。

Name of Factory Representative: 工厂代表姓名:	Name of Inspector(s): 检验员姓名:
Signature: 签名: 	Signature: 签名: 

Draft report

Cartons



Total cartons



Total cartons

Factory Disclaimer

CHINESE VERSION

亚洲品质检验中心是SANTECHKOMPLEKT指定的检验机构，将对你的产品7545 Valves进行Pre-shipment Inspection的检验。
将根据ISO 2859标准，抽样大小是II 以及 AQL标准是Not Allowed for Critical / 2.5 for Major / 4.0 for Minor Defects进行检验。
请仔细阅读且确认以下ASIAINSPECTION的规定文件：

1 / 检验时的基本基数是：

Hebei 必须保证在检验当天的验货数量已经包装完毕等待装船，
80% 的大货产品

如果该次生产和包装数量低于标准，AsiaInspection将会以报告形式通知SANTECHKOMPLEKT，Hebei将必须承担当担该次重验的费用。

2 / 验货结果：

- 验货员无权决定 Hebei 是否可以出货 - 只有 SANTECHKOMPLEKT 在收到 AsiaInspection 管理部门审查后交予所发出的最终报告后，可以作出决定。
- 检验的结果可能会在 AsiaInspection 管理部门或内部审查员审查后有所改变
- 验货员对于验货结果不能作出最后的决定。检验的结果将在 AsiaInspection 管理部门审查后交予 Mr. Oleg Borodin 作出最后的决定。
- 如果需要检验证书，AsiaInspection 会在得到 SANTECHKOMPLEKT 的要求后提供

3 / 设备提供：

Hebei 确认在验货之前已通过邮件被通知验货员检验过程中所需的设备（可供上网的电脑，为准确检测产品质量所需的设备，例如天平，金属探测仪，条形码扫描器，等等），并准备好。

4 / 照片 & 样品抽取：

我们的检验员在检验过程中需要对工厂的大门，生产线，办公室和建筑物等拍照。
在检验结束后，检验员将会在大货（产品）中抽取至少一个样品作为SANTECHKOMPLEKT的参考。

5 / 受贿：

- Hebei 不允许向验货员提供任何报酬，礼物或预付任何的费用。如出现任何违规的行为，将立即通知Mr. Oleg Borodin。
- 验货员会获得一定的餐费和差旅津贴。如果验货员直接向您索要任何礼物，恩惠，报酬，或者行为不当，请立即发邮件至claim@asiainspection.com，或拨打电话+86 755 8214 4660以联系我们。该检验员将会被立即召回，公司会在当天的几个小时之内，派另一位检验员去完成检验工作。

On behalf of: Hebei (Authorized signature only)
受益人: Hebei (授权人)

Name of Factory Representative: 工厂代表姓名
Signature: 签名 *[Handwritten Signature]*

Inspection date: 检验日期 2011年3月9日 9时
Time: 到达时间:

Name of Inspector(s): 检验员姓名
Signature: 签名 *[Handwritten Signature]*

Inspection date: 检验日期:
Time: 到达时间: *[Handwritten Signature]*

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本单据报告仅供工厂作为对产品进行翻工处理作参考。这份报告不具有任何法律或者财政的功效。

FACTORY ACKNOWLEDGEMENT

To be copied and signed in 2 copies at the beginning of the inspection

ENGLISH VERSION TO SIGN ON PAGE 1 – CHINESE VERSION FOR INFORMATION ON PAGE 2

AsiaInspection has been appointed today by SANTECHKOMPLEKT to perform a Pre-Shipment Inspection Inspection of your production of 7545 Valves.

The Inspection will be carried out according to ISO 2859 standard. Sampling level is II and AQL are Not Allowed for Critical / 2.5 for Major / 4.0 for Minor Defects

PLEASE READ AND ACKNOWLEDGE ASIAINSPECTION POLICIES:

1 / Minimum Quantity to be ready for inspection:

Hebei must make sure that the following quantities are packed and ready to ship on the day of inspection:
- 80% of the production

If the available quantity packed and ready for shipment is lower, AsiaInspection will report it to SANTECHKOMPLEKT and Hebei will be liable for any additional cost incurred (ex: re-inspection).

2 / Final Decision on Inspection Result:

- The Inspector has no right to authorize Hebei to ship – only SANTECHKOMPLEKT may take such a decision, after receiving the final Report from AsiaInspection management.
- Inspection results may vary after being reviewed by the AsiaInspection management and internal auditors.
- Our Inspector is not taking any final decision on the Inspection Result. The final decision is taken by Mr. Oleg Borodin after the report has been reviewed by AsiaInspection management.
- If an Inspection Certificate is needed, AsiaInspection will issue it only upon SANTECHKOMPLEKT's request.

3 / Equipment needed:

Hebei acknowledges that they have been informed by email prior to the Inspection of the tools needed by the Inspector to carry the Inspection (desk with internet connection, machines for proper quality control such as scales, metal detection machines, barcode scanners, etc), and will make them available.

4 / Pictures & Samples collection:

Our inspector needs to take pictures during inspection, including of the factory gate, production line, offices and building. At the end of the inspection, he might ask to collect at least one sample from the production, if SANTECHKOMPLEKT requires it, the sample(s) will be kept for SANTECHKOMPLEKT use only.

5 / Bribery Policy:

- Hebei is not allowed to offer any meal compensation, gift or advance any expense to our Inspector. Any breach of this policy will be immediately reported to Mr. Oleg Borodin.
- Our inspector gets an allowance for his meals and travel. Should he directly ask you for, or imply that you should grant him, any gift, favor, compensation, or should he misbehave in any way please contact us immediately at claim@asiainspection.com, tel: +86 755 8214 4660, so he will be called back and replaced within a few hours and the same-day.

On behalf of: Hebei (Authorized signature only)
受益人: Hebei (授权人)

Name of Factory Representative: 工厂代表姓名
Inspection date: 检验日期: 2011年3月8日 魏

Signature: 签名 [Handwritten Signature]
Time: 到达时间:

Name of Inspector(s): 检验员姓名
Inspection date: 检验日期:

Signature: 签名 [Handwritten Signature]
Time: 到达时间:

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本单据报告仅供参考, 以便工厂产品进行加工, 以便参考。该单据不具有任何法律或者财务的用途。

Original signature from Factory Manager accepting AsiaInspection conditions on Shipment authorization and bribery issues

End of the Report