

 www.Signalnspection.com	<h1 style="color: orange;">INSPECTION REPORT</h1>	Report Number :	Overall Result
		S-TJ-201105152	Failed

A. GENERAL

Client Name: Hebei Central Plumbing	
Inspection type : Pre-shipment Inspection	
Product Name: Water Butterfly check valve	
Inspection location:	Tian Jin
Supplier: Hebei Central plumbing Industries	
Po number : 14/15/16/17	
Item Number :	Ref to page 2
Order quantity:	1744pcs
Ready quantity:(%)	1744pcs
Reference sample available:	NO



B.INSPECTION CONCLUSION

Workmanship :	Failed		CRI	MAJ	MIN
		Found	0	20	7
		Max	0	7	10
		Checked	125	125	125
On Site Tests:	Passed				
Data Measurement :	Passed				
Specifications Check:	Failed				
OVERALL INSPECTION CONCLUSION:	Failed (Due to beyond AQL and remark 2),				

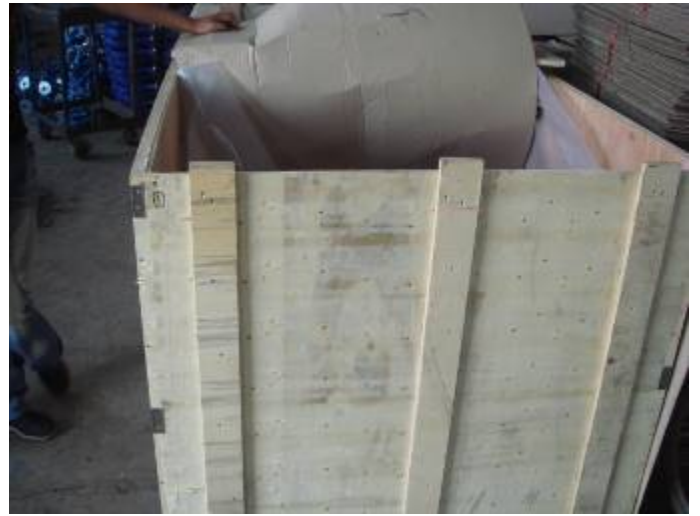
C. REMARKS

1. Products of the four orders were put together, inspector can't separate four order.
2. There is no PN (it should be PN16)marked on DN150.

D. Quantity

Specification	Result	Actual Finding
80% of the total order quantity must be finished and packed-order qty:	Passed	100% finished
Quantity of packed products:	1744pcs	
Quantity of finished & unpacked products:	1744pc	
Quantity of semi-finished products:	0 pc	

Pictures:





Item No.	Order Qty	Shipment Qty	Inpsected Qty
Water Butterfly Check Valve PN16 DN50	328	328	23
Water Butterfly Check Valve PN16 DN65	228	228	17
Water Butterfly Check Valve PN16 DN80	404	404	25
Water Butterfly Check Valve PN16 DN100	548	548	35
Water Butterfly Check Valve PN16 DN150	216	216	20
Water Butterfly Check Valve PN16 DN200	20	20	5
Total	1744	1744	125

E. WORKMANSHIP

1. INSPECTION STANDARDS





Inspection standard	ISO 2859-1 (Mil Std 105E)	Sampling level	Level I
AQL for Critical /Major/Minor	Not Allowed/2.5/4.0		



2. DEFECTIVES SUMMARY

	Critical	Major	Minor	Workmanship result
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Number of Defectives found	0	20	7	Failed
Maximum Allowed	0	7	10	
No. of Inspected Samples	125	125	125	
Result	Passed	Failed	Passed	

3. WORKMANSHIP DEFECTIVES LIST				
Defect Description	Critical	Major	Minor	Pictures
The paint peel off	0	0	2	

				
rough selvedge	0	0	1	
misrun	0	0	2	 

sand hole	0	0	2	
No mark of PN (There is no PN (it should be PN16)marked on DN150.)	0	20	0	

F. ON SITE TEST

Test description		Specification	Result
F1	Hydraulic test	1 pc per item shell tightness test: 1.8Mpa/60s shell strength test: 2Mpa/120s	passed
			
shell tightness test		shell tightness test	



shell strength test

shell strength test

F2	If applicable , containment(impermeability) class	2 pcs per type	N/A
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No equipment available for containment(impermeability) class test on-site

F3	Function check	Check on all the sample	passed
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G. DATA MEASUREMENT

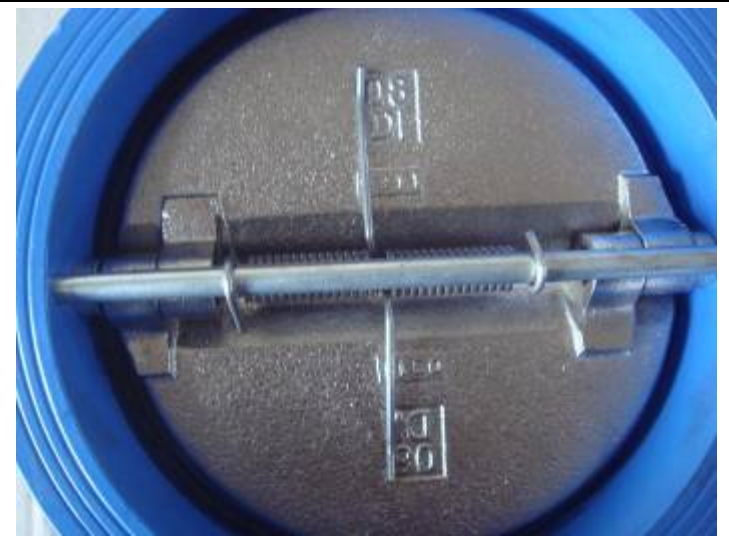
H. Product Criteria (Style, Color, Artworks, Label)

1. Product Style, Colours, size, weight

Specification	Result	Actual Finding
	Failed	no mark of PN on DN150

Pictures:

For check valve series



DN150



	Expected	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Water Butterfly Check Valve PN16 DN50	N/A	D*H mm 105*44	104*45	104.5*44.7	104*44.6	104*44
		KG 1.25	1.30	1.20	1.15	1.20
Water Butterfly Check Valve PN16 DN65	N/A	120*47.6	120.2*47	121*47	120.2*47.5	120.2*47
		1.75	1.80	1.75	1.70	1.75
Water Butterfly Check Valve PN16 DN80	N/A	136*64.1	136.7*64	136*64.5	136*64.2	136*64.1
		2.90	2.80	2.85	2.90	2.90
Water Butterfly Check Valve PN16 DN100	N/A	159*64.5	159.160*64.4	159*64.5	159.5*64.8	159*64.4
		3.80	3.70	3.85	3.60	3.90
Water Butterfly Check Valve PN16 DN150	N/A	215*77.6	215.5*78	215.5*78.1	215.8*77.5	215.5*77.2
		6.85	215.5*79	6.95	6.90	6.85
Water Butterfly Check Valve PN16 DN200	N/A	274*89.3	274.5*89.8	274.2*89.5	274*89.6	274*89.2
		13.35	215.5*81	13.15	12.65	12.80

Pictures



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2. Logo colors, Size		
	Result	Actual Finding
Logo Color	N/A	Nil
Logo size (width x height)	N/A	
Pictures:		

3. Label		
Specification	Result	Actual Finding
	N/A	Nil

Pictures:		

I. Packaging and assortment		
a. Unit packing:		
Specification	Result	Actual Finding
	N/A	Per pc with polybag
Pictures:		
		
b. Inner packing:		
Specification	Result	Actual Finding
	N/A	N/A
c. Outer packing and assortment:		

Specification	Result	Actual Finding
Sealing method (Ex: staples – adhesive - plastic band - metal band):	N/A	wooden case with metal nails fastening
Export wooden case size	N/A	110x96x108cm
Export carton weight	N/A	

Pictures:



6. Shipping Marks

a. Carton Front Mark

Specification	Result	Actual Finding
	N/A	N/A

Pictures:

b. Carton Side Mark

Specification	Result	Actual Finding
	N/A	Nil

Pictures:

End of the Report