

 www.SigmaInspection.com	<h1 style="color: orange;">INSPECTION REPORT</h1>	Report Number :	Overall Result
		S-WH-21105211	Failed

## A. GENERAL

<b>Client Name:</b> Hebei Central Plumbing Industries	
<b>Inspection type :</b> Pre-Shipment Inspection	
<b>Product Name:</b> Gate Valve	
<b>Inspection location:</b>	Wuhu City,AnHui
<b>Supplier:</b> Hebei central plumbing industries	
<b>Po number:</b> 14, 15, 16,17	
<b>Item Number :</b>	Ref to page 3.
<b>Order quantity:</b>	3436pcs
<b>Ready quantity:(%)</b>	73.8%
<b>Reference sample available:</b>	NO

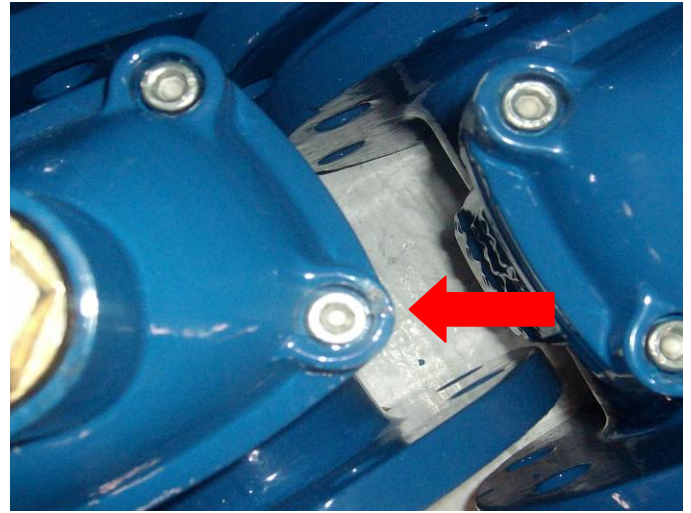


## B.INSPECTION CONCLUSION

<b>Workmanship :</b>	<b>Failed</b>		<b>CRI</b>	<b>MAJ</b>	<b>MIN</b>
		<b>Found</b>	0	5	24
		<b>Max</b>	0	5	7
		<b>Checked</b>	80	80	80
<b>On Site Tests:</b>	<b>Passed</b>				
<b>Data Measurement :</b>	<b>Passed</b>				
<b>Specifications Check:</b>	<b>Failed</b>				
<b>OVERALL INSPECTION CONCLUSION:</b>	<b>Failed (Due to remark1 &amp;2&amp;3)</b>				

## C. REMARKS

1. When the inspector arrived at the factory, products 90% finished and only 73.8.% packed into wooden case. Page 2.
2. There were some minor defect (burr & paint peel off) on products surface,rating 30%. Page 2.
3. valve DN 100 color is red instead of blue. Page 2.



Remark 2



Remark 3

### D. Quantity

Specification				Result	Actual Finding			
80% of the total order quantity must be finished and packed-order qty: 1787 Pcs				Failed	90% finished and only 73.8% packed into wooden case,			
Quantity of packed products:				2536pcs				
Quantity of finished & unpacked products:				556pcs				
Quantity of semi-finished products:				344 pcs				
Specification	Color sort	Po#	Order quantity	Completed quantity(pcs)	Completed Carton(ctns)	Unit packing	Carton packing	
DN50	Blue	14#	682	2728	23	1unit/ polybag	96pcs/ctn	
		15#	682					
		16#	682					
		17#	682					
DN80	Blue	14#	95	80	1	1unit/	60pcs/ctn	

		15#	95			polybag		
		16#	95					
		17#	95					
DN100	Red	14#	13	44	0	1unit/ polybag	60pcs/ctn	
		15#	13					
		16#	13					
		17#	13					
DN150	Blue	14#	64	256	14	1unit/ polybag	18pcs/ctn	
		15#	64					
		16#	64					
		17#	64					
DN200	Blue	14#	5	20	1	1unit/ polybag	13pcs/ctn	
		15#	5					
		16#	5					
		17#	5					
Total			3436	3128	39			

**Pictures:**



	Specification	QT Y	Pcs per carton	Total cartons	Sample size	unit Weight (kg)	unit size(LxH) cm	
1	DN50	2728	96	28	50	9.6kg	15	31
2	DN80	380	60	6	12	12.6kg	18	36
3	DN100	52	60	1	4	16.5kg	19	41
4	DN150	256	18	14	10	29.8kg	21	53.5
5	DN200	20	13	1	4	48kg	23	67
Total		3436			80			

## 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
Number of Defectives found	0	5	24	Failed (see remark 2)
Maximum Allowed	0	5	7	
No. of Inspected samples	80	80	80	
Result	Passed	Passed	Failed	

### 3. WORKMANSHIP DEFECTIVES LIST

Defect Description	Critical	Major	Minor	Pictures
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The paint peel off	0	2		 
Burr	0	3	0	 

**F. ON SITE TEST**

Test description		Specification	Result
F1	Hydraulic test	2pcs per item shell tightness test: 2.4Mpa/120s shell strength test: 2.4Mpa/120s	passed



shell tightness test ---Passed



shell strength test---Passed

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

	Expected	Sample 1	Sample 2	Sample 3	Sample4	Sample 5
Ductile iron gate valve PN16 DN50	n/a	Total height : 311mm	Total height : 310mm	Total height : 310mm	Total height : 311mm	Total height : 311mm
		Hole dia. : 50mm	Hole dia. : 50mm	Hole dia. : 50mm	Hole dia. : 50mm	Hole dia. : 50mm
		9.5KG	9.4KG	9.4KG	9.5KG	9.8KG
Ductile iron gate valve PN16 DN80	n/a	Total height : 360mm	Total height : 361mm	Total height : 360mm	Total height : 360mm	Total height : 360mm
		Hole dia. : 80mm	Hole dia. : 80mm	Hole dia. : 80mm	Hole dia. : 80mm	Hole dia. : 80mm
		12.5kg	12.5kg	12.65kg	12.5kg	12.4kg
Ductile iron gate valve PN16 DN100	n/a	Total height : 411mm	Total height : 409.5mm	Total height : 410mm	Total height : 411mm	Total height : 412mm
		Hole dia. : 100mm	Hole dia. : 100mm	Hole dia. : 100mm	Hole dia. : 100mm	Hole dia. : 100mm
		16.4kg	16.3kg	16.5kg	16.5kg	16.7kg
Ductile iron gate valve PN16 DN150	n/a	Total height : 531.5mm	Total height : 530.5mm	Total height : 530.5mm	Total height : 531mm	Total height : 530.5mm
		Hole dia. : 150mm	Hole dia. : 150mm	Hole dia. : 150mm	Hole dia. : 150mm	Hole dia. : 150mm
		29.7kg	29.8kg	29.4kg	29.3kg	29.55k
Ductile iron gate valve PN16 DN200	n/a	Total height : mm	Total height : mm	Total height : mm	Total height : mm	Total height : mm
		Hole dia. : 200mm	Hole dia. : 200mm	Hole dia. : 200mm	Hole dia. : 200mm	Hole dia. : 200mm


**Pictures**



Hole dia



Total height



Hole width



Hole width





Weight check

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

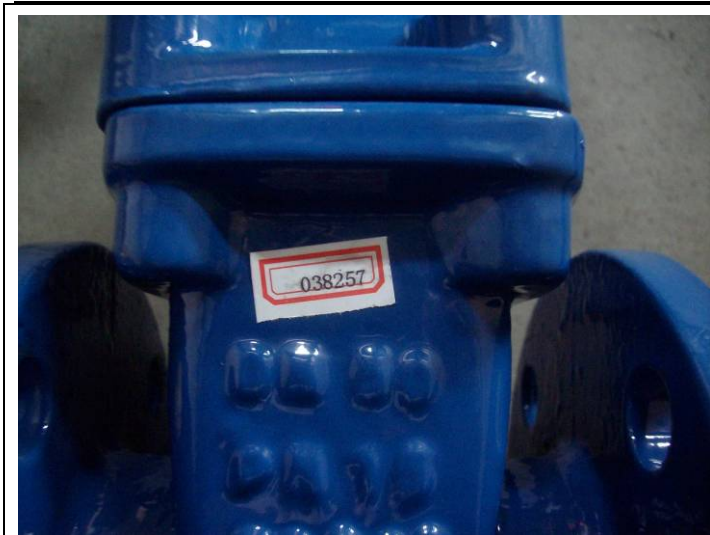
**1. Product Style, Colours, size, weight**

Specification	Result	Actual Finding
	N/A	

**Pictures:**

For valve DN 50





For valve DN 80





For valve DN 100





For valve DN 150





For valve DN 200





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

3. Label		
Specification	Result	Actual Finding
	N/A	Nil
<b>Pictures:</b>		

## 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	Nil

### c. Outer packing and assortment:

Specification	Result	Actual Finding
Sealing method :	n/a	Pls see photo
Export wooden case size	n/a	112CMx113CMx800-100CM
Export carton weight	N/A	

#### Pictures:



## 6. Shipping Marks

### a. Carton Front Mark



Specification	Result	Actual Finding
	n/a	No printed
<b>Pictures:</b>		
<b>b. Carton Side Mark</b>		
Specification	Result	Actual Finding
	n/a	No printed
<b>Pictures:</b>		

**End of the Report**