

# 台州中和铜业有限公司 TAIZHOU ZHONGHE COPPER CO.,LTD.

## Laboratory Material Certificate

Report No: TZZH2016280  
 Report Date: 2016.12.12  
 P/O NO.: ZH20161026-TJZH20161026-M  
 FIG NO.: BRASS STOP VALVE

Address: Chumen Yuhuan Sci-Tech Industrial Area  
Zhejiang, China.317605  
 Tel: 0576-87427372  
 FAX: 0576-87427371  
 Mail: info@zhcopper.com

### Specificantion(%) MATERIAL ANALYSIS(%)

Date	Body Logo	Size	Device	Batch No	Specificantion(%)													
					Cu	Pb	Zn	Sn	Fe	Ni	AL	P	Si	Mn	Cr	Bi	Sb	As
2016/12/1	ARITA	1/2"	ARL3460	141112	57.35	2.75	38.21	0.725	0.65	0.266	0.003	0.006	0.025	0.014	0.003	0.007	0.02	0.011
2016/12/1	ARITA	3/4"	ARL3460	141112	57.25	2.81	38.17	0.725	0.65	0.266	0.003	0.006	0.025	0.014	0.003	0.007	0.02	0.011
2016/12/1	ARITA	1"	ARL3460	141112	57.28	2.69	38.22	0.742	0.79	0.266	0.003	0.005	0.019	0.012	0.003	0.008	0.025	0.018

**CONCLUSION:** This is to certify that all test results are in compliance with the stated specification.

Prepared by  
(Sig.&Date)

*[Signature]*

2016.12.12

Authorized by  
Quality Manager

*[Signature]*

(Sig.&Date)

2016.12.12



张春花

台州中和铜业有限公司  
TAIZHOU ZHONGHE COPPER CO., LTD.

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Report No: TZZH2016280  
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 P/O NO.: ZH20161026-T/ZH20161026-M  
 FIG NO.: BRASS CHECK VALVE

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Specification(%)  
MATERIAL ANALYSIS(%)

Date	Body Logo	Size	Device	Batch No	Specification(%)													
					Cu	Pb	Zn	Sn	Fe	Ni	AL	P	Si	Mn	Cr	Bi	Sb	As
2016/12/1	ARITA	3/4"	ARL3460	141112	57.25	2.77	38.19	0.725	0.65	0.266	0.003	0.006	0.025	0.014	0.003	0.007	0.02	0.011
2016/12/1	ARITA	1"	ARL3460	141112	57.37	2.79	38.1	0.725	0.65	0.266	0.003	0.006	0.025	0.014	0.003	0.007	0.02	0.011

CONCLUSION: This is to certify that all test results are in compliance with the stated specification.

Prepared by  
(Sig. & Date)

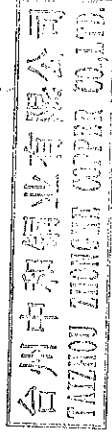
*张春花*

2016.12.12

Authorized by  
Quality Manager  
(Sig. & Date)

*张春花*

2016.12.12



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台州中和铜业有限公司  
**TAIZHOU ZHONGHE COPPER CO., LTD.**  
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Report No: TZZH2016280  
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 P/O NO.: ZH20161026-T/ZH20161026-M  
 FIG NO.: BRASS Y-Strainer VALVE

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**Specificantion(%)**  
**MATERIAL ANALYSIS(%)**

Date	Body Logo	Size	Device	Batch No	Specificantion(%)													
					Cu	Pb	Zn	Sn	Fe	Ni	AL	P	Si	Mn	Cr	Bi	Sb	As
2016/12/1	ARITA	1 1/4"	ARL3460	141112	57.15	2.79	38.16	0.742	0.79	0.266	0.003	0.005	0.019	0.012	0.003	0.008	0.025	0.018
2016/12/1	ARITA	1 1/2"	ARL3460	141112	57.25	2.75	38.1	0.742	0.79	0.266	0.003	0.005	0.019	0.012	0.003	0.008	0.025	0.018
2016/12/1	ARITA	2"	ARL3460	141112	57.35	2.69	38.06	0.742	0.79	0.266	0.003	0.005	0.019	0.012	0.003	0.008	0.025	0.018

**CONCLUSION:** This is to certify that all test results are in compliance with the stated specification.

Prepared by  
 (Sig. & Date)

*张春花*  
 2016.12.12

Authorized by  
 Quality Manager *赵中斌*

(Sig. & Date) 2016.12.12



*张春花*

**台州中和铜业有限公司**  
**TAIZHOU ZHONGHE COPPER CO.,LTD.**  
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 P/O NO.: ZH20161026-TZZH20161026-M  
 FIG NO.: BRASS GATE VALVE

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Specification(%)																		
MATERIAL ANALYSIS(%)																		
Date	Body Logo	Size	Device	Batch No	Specification(%)													
					Cu	Pb	Zn	Sn	Fe	Ni	AL	P	Si	Mn	Cr	Bi	Sb	As
2016/12/1	ARITA	1/2"	ARL3460	141112	57.46	2.7	38.02	0.735	0.69	0.284	0.004	0.006	0.023	0.014	0.004	0.008	0.024	0.018
2016/12/1	ARITA	1/2"	ARL3460	141112	57.32	2.7	38.09	0.742	0.78	0.262	0.003	0.006	0.021	0.012	0.004	0.008	0.021	0.019
2016/12/1	ARITA	1 1/4"	ARL3460	141112	57.25	2.77	38.24	0.725	0.65	0.266	0.003	0.006	0.025	0.014	0.003	0.007	0.02	0.011
2016/12/1	ARITA	2"	ARL3460	141112	57.41	2.75	38.1	0.725	0.65	0.266	0.003	0.006	0.025	0.014	0.003	0.007	0.02	0.011

**CONCLUSION:** This is to certify that all test results are in compliance with the stated specification.

Prepared by  
 (Sig.&Date)

*张春花*

2016.12.12

Authorized by  
 Quality Manager *张春花*

(Sig.&Date) 2016.12.12



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