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What is NSE/ANSI 612	
What is NSF/ANSI 61? NSF/ANSI 61 is a performance—based standard established to measure	
contaminates introduced into drinking water from products. The contaminants include regulated metals including lead and copper, organics and pesticides. For more information on NSF 61 see:	
www.nsf.org/business/water distribution/faq.asp#general	
What is NSF/ANSI 61 Annex F?	
NSF/ANSI 61 Annex F requirement reduces the allowable limit for lead extracted from test bodies from 15 ppb to 5 ppb (parts per billion).	
The Annex F requirement has an effective date of July 1, 2012.	
What are NSF 61 Annex G and NSF 372? NSF/ANSI 61 Annex G and NSF/ANSI 372 are lead content standards	
that can be used to verify the lead content of any product, material and component that conveys or dispenses water for human consumption. Continue to MOSFAMOS 172	
MSF/AAASI 372 WOA Aquatech USA 2013+ Indianopols, Indura	
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POE Corrosion Prevention Strategies	
• TDS –100 – 500 TDS Range	
• pH range 7.0 – 10.0	
Raise total alkalinity	
Flow - Design to minimize turbulence	
Dissimilar Metals – Separation & Isolation	
External factors – Ground paths, peripheral metallic contact	
Dissolved/Entrained Gases	
Biofilm- Maintain a sanitary system, regularly disinfect POE	
equipment	
WQA Aquetech USA 2013 • Indonapolis, Indona	
Corrosion Remediation Strategies	
Identify Causal Factors	
a Damaya Cayaal Factors	
Remove Causal Factors	
Identify Damaged Areas	
,	
Replace Damaged Areas	
Chemicals & Coatings	





POU Treatment Technologies	
Lead	Copper
Ion Exchange	Ion Exchange
Reverse Osmosis	Reverse Osmosis
Distillation	Distillation
Deionization -EDI/CDI	Deionization -EDI/CDI
Carbon Block	
Poly/Orthophosphates	Poly/Orthophosphates
WOA Aquatech USA 2013 • Indianapolis, Indiana	







Closing Thoughts	ASIMuo.	
	Cities can't realistically protect everyone, all the time	
	Consumers don't trust their drinking water to be 100% safe	
1990	Most consumers don't like the taste of city water	
	Even when water meets "minimum standards", most consumers/users	
	believe that it isn't good enough All drinking or process water should	
	be filtered	