


#	Costas Alvanos MBA	
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Presentation title:	Water Treatment Legislation and Guides EN 12828	
<p>The presentation aims to inform engineers about the importance of paragraph <i>4.3.2 Design Criteria and 4.2.3.1. Water Requirements</i> of EN 12828:2012+A1:2014 - Heating Systems in Buildings – Design for Water Based Heating Systems</p> <p>Reference is made to the applicable standards and laws and code of practices applicable in UK and Germany.</p> <p>The BS 7393 code of practice, the ICOM water treatment guide and the VDI 2035 guideline are then summarized.</p> <p>The phenomena of corrosion, calcification, microbiological contamination, and the appropriate actions for each driver to comply with the standards are analyzed.</p>		
CV:	Costas Alvanos	
<p>Professional Experience:</p> <p>1993 – 2003 KLT S.A – Sales Manager</p> <p>2003 – up to date ; Owner of TATA HELLAS MEPE – Commercial Representative office in Greece and Cyprus – Ariston Thermo Group</p> <p>2004 – 2023 : Owner of MTG Service Co. – After sales Services for Heating and Cooling – Official Service for Ariston Thermo Group in Greece and Cyprus</p> <p>Memberships; UHHA – ex member of the board</p> <p>Education : The University of Sheffield - MBA</p> <p>I've been working during all my carrier in the sector of Thermic Comfort starting from sales , sales managing. In 2003 , I undertook the representation of Ariston Thermo Group in Greece and Cyprus. In 2004 , and through MTG Co we created a vast service network all around the country with the aim to support the products installed.</p> <p>Being officially trained and authorized from Fernox Company (UK) we started implementing water treatment in heating systems since 2004, and training sessions for professionals in a dedicated area.</p> <p>My experience in Water Treatment topics (EN, legislation) has led UHHE and OBYE to appoint me as a consultant for the topic.</p> <p>My objective is to motivate engineers to apply the water treatment , by informing them sufficiently for the standard and its implementation and promote the idea to adopt it officially in the next Buildings Regulation scheme. In this way, projects will comply not only with the EN but with producer's warranty terms, as well.</p>		