



Accredited Testing Laboratory No. 1007.7  
**TEST REPORT** No. 14018 - 1/2  
on Fire and Technical Characteristics



Our ref.: PTL - 053/08	Number of pages: 2				
<b>Sponsor:</b> ACO Industries k.s., Havlíčkova 260, 582 22 Přebyslav, Czech Republic					
<b>THE TEST ITEM</b>					
<b>Product Name:</b> Acopipe varnished pipes					
<b>Standard:</b> Undeclared			<b>Manufacturer:</b> See sponsor		
<b>Composition:</b> Stainless steel, varnish					
<b>Appearance:</b> Steel plate of thickness 1 mm (A), grey varnish of thickness 0,025 mm (B); total density ca 7687 kg/m <sup>3</sup>					
<b>Date of receipt of the sample:</b> 2008-02-25			<b>Sampling:</b> The samples were delivered by the sponsor		
<b>Date of realization of tests:</b> 2008-03-21					
<b>TEST METHOD for determination of:</b>					
<b>- gross heat of combustion (PCS):</b> ČSN EN ISO 1716					
<b>Conditioning:</b> according to the ČSN EN 13 238					
<b>Water equivalent of the calorimeter:</b> 9716,1 J/K					
<b>MEASURED VALUES AND TEST RESULTS</b>					
Measured values	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Results	Expanded uncertainty
PCS [ MJ/kg ]	0,061	0,061	0,061	0,06	0,02
<b>Conclusion:</b>					
The mentioned expanded uncertainty is obtained by multiplying the standard uncertainty by a coverage factor k=2, which corresponded to a level of confidence of 95 %.					
The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product of use. The results of tests are concerned only with the subject of testing. The protocol shall not be reproduced except in full without the written approval of the testing laboratory.					
Responsible person: Vít Slaboch					
Date: 21. 3. 2008					



**Annex of the test report No. 14018 - 1/2:**

Determination of the gross heat of combustion of each component

Component	Mass per unit area [ kg/m <sup>2</sup> ]	PCS	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Mean value	Expanded uncertainty
A	7,85	[ MJ/kg ]	0	0	0	0	-
		[ MJ/m <sup>2</sup> ]	0	0	0	0	-
B	0,03	[ MJ/kg ]	16,105	16,092	16,126	16,11	0,04
		[ MJ/m <sup>2</sup> ]	0,483	0,483	0,484	0,48	0,04