ECS operational staff meeting household appliances decision sheet				OSM HA N°266
Sub cl.	Meeting	Agenda item	Document	
Standard	EN 60335-2-60:1997 EN 60335-2-60:2003 + A1 :2005 + A2 :2008 + A11 :2010 + A12 :2010		Date	2017-02-08
Question	During the IPX5 tests to verify the degree of protection against entry of water of whirlpool baths, the following questions arise: 1) what is the meaning of " integral part"? 2) on which electric parts IP X5 tests shall be carried out?			
Decision	1) " Integral part" means a part moulded as same part and the enclosure cannot be removed from the whirlpool bath even by use of tools; 2) IPX5 tests shall be carried out on electrical parts " located in the vicinity or under hoses, pipes or couplings, which may leak are subjected to the test of sub-clause 14.2.5 for IPX5 of IEC 60529, if there is not sufficient protection against water coming into contact with these parts"			
Explanatory notes				

ECS operational staff meeting household appliances decision sheet				OSM HA N°347	
Sub cl.	Meeting	Agenda item	Document		
19.11	18	6.16	(ES)02/04		
Standard	EN 60335-2-60:2003			Date	2017-02-08
Question	Some whirlpool baths incorporate a telephone set. Therefore they incorporate a connection to the telephone network, in which it is used voltages exceeding 50 V between the signal lines. Any way, the voltage measured from any line to earth is less than 12 volts. Taking into account that sub-clause 22.35 requires that "parts such as switches and controls accessible to the user in the bath shall only be supplied at safety extra low voltage not exceeding 12 V": - should the signal lines be insulated considering the voltage referenced to ground, in which case the requirement for insulation will not be stringent? or - should the voltage between the lines be considered instead, in which case the insulation requirements will be more stringent?				
Decision	If the knobs are directly connected to the telephone circuit, in such a way that the telephone line voltage supply the knobs, this construction is not accepted.				
Explanatory notes					