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COVER NOTE

from:	Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director
date of receipt:	1 October 2013
to:	Mr Uwe CORSEPIUS, Secretary-General of the Council of the European Union
No Cion doc.:	C(2013) 6280 final - Annex I
Subject:	Commission Delegated Regulation (EU) No.../.. of 1.10.2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of domestic ovens and range hoods

Delegations will find attached Commission document C(2013) 6280 final - Annex I.

Encl.: C(2013) 6280 final - Annex I

EUROPEAN
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Brussels, 1.10.2013
C(2013) 6280 final

ANNEX

ANNEX I

to the

COMMISSION DELEGATED REGULATION (EU) No …/..

supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of domestic ovens and range hoods

ANNEX I
Efficiency classes

1. DOMESTIC OVENS

The energy efficiency classes of domestic ovens shall be determined separately for each cavity in accordance with values as set out in Table 1 of this Annex. The energy efficiency of ovens shall be determined in accordance with point 1. of Annex II.

Table 1: Energy efficiency classes of domestic ovens	
Energy Efficiency Class	***Energy Efficiency Index (EEI_{cavity})***
A+++ (most efficient)	$EEI_{cavity} < 45$
A++	$45 \leq EEI_{cavity} < 62$
A+	$62 \leq EEI_{cavity} < 82$
A	$82 \leq EEI_{cavity} < 107$
B	$107 \leq EEI_{cavity} < 132$
C	$132 \leq EEI_{cavity} < 159$
D (least efficient)	$EEI_{cavity} \geq 159$

2. DOMESTIC RANGE HOODS

a) The energy efficiency classes of domestic range hoods shall be determined in accordance with values as set out in Table 2 of this Annex. The Energy Efficiency Index (EEI_{hood}) of domestic range hoods shall be calculated in accordance with point 2.1. of Annex II.

Table 2: Energy efficiency classes of domestic range hoods				
Energy Efficiency Class	***Energy Efficiency Index (EEI_{hood})***			
	Label 1	Label 2	Label 3	Label 4
A+++ (most efficient)				EEIhood < 30
A++			EEIhood < 37	30 ≤ EEIhood < 37
A+		EEIhood < 45	37 ≤ EEIhood < 45	37 ≤ EEIhood < 45
A	$EEI_{hood} < 55$	45 ≤ EEIhood < 55	45 ≤ EEIhood < 55	45 ≤ EEIhood < 55
B	$55 \leq EEI_{hood} < 70$	55 ≤ EEIhood < 70	55 ≤ EEIhood < 70	55 ≤ EEIhood < 70
C	$70 \leq EEI_{hood} < 85$	70 ≤ EEIhood < 85	70 ≤ EEIhood < 85	70 ≤ EEIhood < 85
D	$85 \leq EEI_{hood} < 100$	85 ≤ EEIhood < 100	85 ≤ EEIhood < 100	$EEI_{hood} \geq 85$
E	$100 \leq EEI_{hood} < 110$	$100 \leq EEI_{hood} < 110$	$EEI_{hood} \geq 100$	
F	$110 \leq EEI_{hood} < 120$	$EEI_{hood} \geq 110$		
G (least efficient)	$EEI_{hood} \geq 120$			

b) The fluid dynamic efficiency classes of a domestic range hood shall be determined in accordance with its Fluid Dynamic Efficiency (FDE_{hood}) as in the following Table 3.

The Fluid Dynamic Efficiency of domestic range hoods shall be determined in accordance with point 2.2. of Annex II.

Table 3: Fluid Dynamic Efficiency classes for domestic range hoods	
Fluid Dynamic Efficiency Class	***Fluid Dynamic Efficiency (FDE_{hood})***
A (most efficient)	$FDE_{hood} > 28$
B	$23 < FDE_{hood} \leq 28$
C	$18 < FDE_{hood} \leq 23$
D	$13 < FDE_{hood} \leq 18$
E	$8 < FDE_{hood} \leq 13$
F	$4 < FDE_{hood} \leq 8$
G (least efficient)	$FDE_{hood} \leq 4$

c) The lighting efficiency classes of a domestic range hood shall be determined in accordance with its Lighting Efficiency (LE_{hood}) as in the following Table 4. The Lighting Efficiency of domestic range hoods shall be determined in accordance with point 2.3. of Annex II.

Table 4: Lighting Efficiency classes for domestic range hoods	
Lighting Efficiency Class	***Lighting Efficiency (LE_{hood})***
A (most efficient)	$LE_{hood} > 28$
B	$20 < LE_{hood} \leq 28$
C	$16 < LE_{hood} \leq 20$
D	$12 < LE_{hood} \leq 16$
E	$8 < LE_{hood} \leq 12$
F	$4 < LE_{hood} \leq 8$
G (least efficient)	$LE_{hood} \leq 4$

d) The grease filtering efficiency classes of a domestic range hood shall be determined in accordance with its Grease Filtering Efficiency (GFE_{hood}) as in the following Table 5. The Grease Filtering Efficiency of domestic range hoods shall be determined in accordance with point 2.4. of Annex II.

Table 5: Grease Filtering Efficiency (GFE_{hood}) classes for domestic range hoods	
Grease Filtering Efficiency Class	***Grease Filtering Efficiency (%)***
A (most efficient)	$GFE_{hood} > 95$
B	$85 < GFE_{hood} \leq 95$
C	$75 < GFE_{hood} \leq 85$
D	$65 < GFE_{hood} \leq 75$
E	$55 < GFE_{hood} \leq 65$
F	$45 < GFE_{hood} \leq 55$
G (least efficient)	$GFE_{hood} \leq 45$