



Notification Number: 2014/566/UK

## Microgeneration Certification Scheme: MCS 007 Product Certification Scheme Requirements: Heat Pumps Issue 3.0

Date received : 24/11/2014

End of Standstill : 25/11/2014

Fiscal Measures : Yes

### Message

Message 001

Communication from the Commission - TRIS/(2014) 03409

Directive 98/34/EC

Notificación - Oznámení - Notifikation - Notifizierung - Teavitamine - Γνωστοποίηση - Notification - Notification - Notifica - Pieteikums - Pranešimas - Bejelentés - Notifika - Kennisgeving - Zawiadomienie - Notificação - Hlásenie-Obvestilo - Ilmoitus - Anmälan - Нотификация : 2014/0566/UK - Notificare.

No abre el plazo - Nezahtuje odklady - Fristerne indledes ikke - Kein Fristbeginn - Viivituste perioodi ei avata - Καμία έναρξη προθεσμίας - Does not open the delays - N'ouvre pas de délais - Non fa decorrere la mora - Neietekmē atlikšanu - Atidėjimai nepradedami - Nem nyitja meg a késések - Ma' jiftaħ il-perijodi ta' dawmien - Geen termijnbegin - Nie otwiera opóźnień - Nao inicia o prazo - Neotvorí oneskorenia - Ne uvaja zamud - Määräaika ei ala tästä - Inleder ingen frist - Не се предвижда период на прекъсване - Nu deschide perioadele de stagnare - Nu deschide perioadele de stagnare.

(MSG: 201403409.EN)

#### 1. Structured Information Line

MSG 001 IND 2014 0566 UK EN 24-11-2014 UK NOTIF

#### 2. Member State

UK

#### 3. Department Responsible

Department for Business, Innovation and Skills  
European Reform Directorate  
1 Victoria Street, London, SW1H 0ET.

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#### 3. Originating Department

Department for Energy and Climate Change (DECC)



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#### **4. Notification Number**

2014/0566/UK - S00E

#### **5. Title**

Microgeneration Certification Scheme: MCS 007  
Product Certification Scheme Requirements:  
Heat Pumps  
Issue 3.0

#### **6. Products Concerned**

The Microgeneration Certification Scheme (MCS) is an independent third party ISO/IEC 17065 certification scheme for renewable energy technologies and installation services.

The scope of MCS 007 is as per the below:

##### **1. SCOPE**

This Scheme provides ongoing independent, third party assessment and approval of companies who wish to demonstrate that their heat pump meets and continues to meet the requirements of:

- The appropriate Standard:

- o EN 14511:2011 Parts 1 – 4 Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling;

- o EN 12309:2000 Parts 1 - 2 Gas-fired absorption and adsorption heat pump appliances with a net heat input not exceeding 70 kW; or

- o EN 16147:2011 "Heat pumps with electrically driven compressors. Testing and requirements for marking of domestic hot water units.

- The performance and testing criteria detailed in Section 7

The scope of this MCS product certification scheme document is limited to single heat pumps up to a 45 kWth output, under the type test conditions specified in this Standard.

Products used for the extraction of heat from loft spaces are excluded from this Standard.

Heat pumps with electrically driven compressors designed to provide space heating and domestic hot water shall be tested using the standard EN 14511.

In the case of electrically driven heat pumps which use CO<sub>2</sub> as a refrigerant, the test conditions stated in this standard shall apply.



Heat pumps with electrically driven compressors designed to provide domestic hot water only shall be tested using the standard EN 16147 and Annex A of MCS 007.

Solar assisted heat pumps designed to provide domestic hot water only shall be tested using the standard EN 16147, Annex A and Annex B of MCS 007.

## **7. Notification Under Another Act**

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## **8. Main Content**

The Member States are respectfully referred to the MCS document MCS 007 - Product Certification Scheme Requirements for Heat Pump Systems Issue 3.0.

This MCS document has been updated to allow for further innovation into the MCS Scheme and the heat pump market place.

It is being notified on the basis that the DECC offers a financial incentive (the Renewable Heat Incentive) to consumers should they install renewable heat energy generating technologies certified under the MCS or equivalent schemes. As per the Directive 98/34/EC, DECC is required to notify MCS standards to the EU Commission and Member States accordingly through Business Innovations and Skills (BIS).

## **9. Brief Statement of Grounds**

The updates to the MCS 007 document have been made to allow the inclusion of the following heat pump technologies under MCS:

Solar Assisted Heat Pumps (providing domestic hot water only)  
Very High Temperature Heat Pumps  
Domestic Hot Water Heat Pumps

The MCS 007 refers to a number of established BS EN standards as specified under its scope. MCS refers to international and European standards where they already exist to ensure no undue barriers are created in the marketplace. To this effect BS EN 16147:2011 has been added for both Solar Assisted Heat Pumps and Domestic Hot Water Heat Pumps.

Further updates are already underway to the MCS 007 document to ensure alignment with the Energy related Products and EcoDesign of Energy related Products Directives, along with Ecolabelling requirements coming into force in September 2015.

## **10. Reference Documents - Basic Texts**

References of the Basic Texts: Microgeneration Installation Standard: MIS 3005: Issue 4.1

## **11. Invocation of the Emergency Procedure**

No

## **12. Grounds for the Emergency**



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**13. Confidentiality**

No

**14. Fiscal measures**

Yes

**15. Impact assessment**

Yes

**16. TBT and SPS aspects**

TBT aspect

No - The draft is not a technical regulation nor a conformity assessment

No - The draft is in conformity with an international standard

No - The draft has no significant impact on international trade

SPS aspect

No - The draft is not a sanitary or phytosanitary measure

No - The draft has no significant impact on international trade

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European Commission

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