



MCS GUIDANCE DOCUMENT



FAQs for MCS 007 V5.0 & MIS 3005 v4.3

QUESTION 1: If a manufacturer places a heat pump (HP) the on market before 26th September, which is already MCS registered prior to 26th September 2015, must the HP have to have an ErP label?

ANSWER 1: No, manufacturers do not have to label for ErP prior to 26th September 2015. However, in order to remain MCS compliant (after 25th March 2016), manufacturers must ensure fiche data is supplied to their Certification Body, with sufficient time allowed for the SCoP to be calculated and entered on the MCS website BEFORE 26th March 2016.

QUESTION 2: In the situation outlined in Question 1 can the Installer still use the SPF value from the HEG (MCS 021 V2.0 (21/11/14))?

ANSWER 2: The Installer must install, commission & register the system with MCS by 25th March 2016 and use the SPF value from the HEG (MCS 021 V2.0 (21/11/14)). Distributors and installers have a 6 month period in which to exhaust pre-ErP label stock.

QUESTION 3: In the situation outlined in Question 1 can the Installer elect to use the new SCoP value (available on MCS website sometime on or before 25th March 2016)?

ANSWER 3: Providing the SCoP figures are available on the MCS database for a specific product an installer can choose to use either the HEG or SCoP up to and including 25th March 2016. However, installations using Non-ErP labelled equipment cannot be registered with MCS after 25th March 2016. Please note: SCoP is NOT a valid input for MCS or RHI until at least 26th September 2015.

QUESTION 4: In the situation in Q1 above can the Installer use the SPF from the HEG (MCS 021 V2.0 (21/11/14)) for the SPF value for MCS registration after 26th March 2016?

Issue: 1.1	MCS	
Date: 11/07/2019		Page 2 of 6

ANSWER 4: No. For systems commissioned on or after 26th March 2016 the new SCoP value must be used. This requires manufacturers to prepare well in advance for this and also means stock of equipment without ErP labelling (i.e. placed on the market prior on or before 25th September) must be installed, commissioned and registered on or before 25th March 2016.

QUESTION 5: A HP is placed on market after 26th September 2015, but registered with MCS prior to this date. Does the manufacturer have to label according to ErP?

ANSWER 5: Yes, the ErP Directive requires this.

QUESTION 6: In the situation covered in Question 5, does the manufacturer have to provide a test report and performance results to the 'New' (MCS 007 V5.0) test conditions?

ANSWER 6: No, if the product is already MCS registered new test reports will not be required – also see Q8.

Please Note: The manufacturer has 6 months (until 25th March 2016) to provide ErP compliant information to their CB. The manufacturer WILL need to provide the fiche data well in advance of 26th March 2016 to give the CB and MCS administrator time to process the information to produce the SCoP on or before 26th March 2016, to enable the installer to install & commission after this date (see Q3).

QUESTION 7: In the situation detailed in Question 5, which value does the Installer have to enter into MCS the Compliance Certificate, the "likely SPF" from the HEG (MCS 021 V2.0) or the 'new' SCoP from the MCS database?

ANSWER 7: In this situation the Installer may use either if the latter is available. However, after the 25th March 2016 only the SCoP from the MCS database will be acceptable for registration.

Issue: 1.1	MCS	
Date: 11/07/2019		Page 3 of 6

QUESTION 8: A HP manufacturer is just about to launch a new product and requires it to be MCS registered before 26th September 2015. What MCS 007 standard does the manufacturer have to test to?

ANSWER 8: For registration on or before 25th September 2015 the manufacturer may use the test conditions MCS 007 3.0 (21/11/14) e.g. A7/W35 or A2/W35 for ASHP, B0/W35 for GSHP & W10/W35 for WSHP. After this date the manufacturer must use one of the test report conditions laid down in MCS 007 V5.0.

QUESTION 9: A HP manufacturer is just about to launch a new product but will not be able to register with MCS before 26th September 2015. What MCS 007 standard does the manufacturer have to test to?

ANSWER 9: For registrations on or after 26th September 2015 the manufacturer must use the test conditions MCS 007 5.0 (date) (see table below)

QUESTION 10: Multiple HP Installations: An installer either wishes to enter a SCoP (up to & including 25th March 2016) or must enter a SCoP (after 25th March 2016) on the MCS Certificate for an installation but has multiple HPs on the site with different SCoPs. Which SCoP value should be entered on the Certificate?

ANSWER 10: In the case of multiple heat pumps on the same system with different SCoPs, the value for the heat pump with the LOWEST SCoP should be entered for ALL heat pump certifications and this becomes the system SCoP. Heat pumps on different hydraulic systems (i.e. not hydraulically or thermally connected, e.g. by a PHE) will be dealt with on a system-by system basis.

Issue: 1.1	MCS	
Date: 11/07/2019		Page 4 of 6

**MCS 007 Version 5.0 Test Report Conditions
(correct as of August 2015 based on BS EN 14825: 2013)**

Heat Pump Type	Low Temperature	'Normal' Temperature	Very High Temperature
Water to Water	B10/W34 or B10/W30	B10/W52 or B10/W42	B10/W61 or B10/W49
Brine to Water	B0/W34 or B0/W30	B0/W52 or B0/W42	B0/W61 or B0/W49
Air to Water	A-7/W34 or A2/W30	A-7/W52 or A2/W42	A-7/W61 or A2/W49
W/B to Air*	W10/A20 or W0/A20*		

* No designation of LT, NT or VHT for W/B to Air

IMPORTANT DISCLAIMER. Please Note: These guidance notes are given for general guidance on the likely impact of MCS 007 V 4.1 (06/05/15) and MIS 3005 V4.3 (06/05/15). No liability can be accepted for any action or inaction taken based on these notes and readers are advised to read the documents and determine the need for any action/inaction themselves. The writers cannot accept any liability for loss or damage which may occur if these notes/FAQs are used for action or inaction.

Issue: 1.1	MCS	
Date: 11/07/2019		Page 5 of 6

AMENDMENTS ISSUED SINCE PUBLICATION

Document Number	Amendment Details	Date
1.1	Rebranding of document, update of email and website addresses and cosmetic changes.	11/07/2019

Issue: 1.1	MCS	
Date: 11/07/2019		Page 6 of 6