

**REHEAT CAPITAL INVESTMENT GRANT**
**Heat Pump Mechanical Completion Certificate Ver 1.1**
**1. Project Details and Plant Owner/Location**

<b>SEAI Grant Reference Number</b>	
<b>Project Title</b>	

**Authorised Representative of Installation Company**

<b>Name</b>			
<b>Organisation</b>			
<b>Position</b>			
<b>Address</b>			
	County		
<b>Telephone</b>		Fax	
<b>Mobile</b>		Email	

**2. Mechanical Completion Check**

<b>Heat Pump Details</b>		<b>Installed</b>
Manufacturer		
Model		
Heat Pump Size	Heating	kW
	Cooling	kW
Heat Pump input electricity		kW
Heat Pump Type (e.g. Water to Water)		
Heat Source (e.g. Ground Water)		
Serial Number		

<b>Installation Details</b>		
Is the heat pump system installed as per the manufacturer's instructions?		
Has the installation of all underground piping been completed and installed as per the manufacturer's instructions? (e.g. horizontal collectors, boreholes etc.)		
Does the heat pump installation meet all relevant standards?		
Has the electricity connection been upgraded if necessary and a soft start installed where required?		
Is the electricity supply single or three phase?	Single Phase	Three Phase
Is all the connecting pipework for cold water, hot water, steam and condensate installed?		

Are all pipe supports installed?	
Is all hot piping insulated?	
Is all cool piping insulated?	
Is the vapour line to the heat pump unit fully insulated?	
Does heat pump protection include high and low refrigerant pressure cut outs?	
Is a condensate drain fitted (if operating below dew point temperatures)?	
Are all tie-ins to thermal load of end user installed?	
Has the system been leak tested?	
Are all electrical connections installed?	
Are all the required meters and controls installed as per manufacturer's instructions and as per feasibility study?	
Have safeguards and emergency stop facilities been provided?	
Is the electrical installation correct and safe (supply voltage, circuit breakers, earthing etc.)?	
Are all sensors installed correctly and connected to the controller?	
Are the settings of all safety devices and thermostats correct?	
Is the system operating without undue noise or vibration?	
<b>Access &amp; Maintenance</b>	
Is there safe access for maintenance?	
If any of the above questions were answered no or n/a, please explain:	

### 3. Authorised Declaration

I confirm that the above installation has been properly installed in accordance to proper professional standards of workmanship meeting the Codes and Standards applicable to such installations and is ready for commissioning.

**Signature of authorised representative of Installer<sup>1</sup>**

**Date**

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<sup>1</sup> Electronic Signature Acceptable