

# Commissioning checklist for MID/MIR certified meter

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

**This commissioning checklist for MID/MIR certified meter is a supporting document for the meter's instruction sheet and user manual. For detailed installation and operating instructions, including safety messaging, read the meter's instruction sheet and user manual.**

Follow the commissioning steps below to ensure that the MID/MIR certified meter is installed correctly. Some steps may not be applicable based on your meter models.

Meter model	: .....	Installation date	: .....
Meter serial number	: .....	Installation place	: .....
Meter firmware version	: .....		

S No.	Commissioning steps	Yes/No
<b>Recommendation</b>		
1	The installation technician is aware that he/she is responsible to comply with the local regulations during installation.	<input type="checkbox"/>
<b>Installation</b>		
2	The meter is installed in: <ul style="list-style-type: none"> <li>• Electromagnetic environmental class E2: This class applies to instruments used in locations with electromagnetic disturbances corresponding to those likely to be found in other industrial buildings. <span style="float: right;"><input type="checkbox"/></span></li> <li>• Mechanical environmental class M1: This class applies to instruments used in locations with vibration and shocks of low significance, e.g. for instruments fastened to light supporting structures subject to negligible vibrations and shocks transmitted from local blasting or pile-driving activities, slamming doors, etc. <span style="float: right;"><input type="checkbox"/></span></li> <li>• Cabinets rated for IP51 or higher. <span style="float: right;"><input type="checkbox"/></span></li> </ul>	
3	The meter display is accessible and visible to the end-user. <span style="float: right;"><input type="checkbox"/></span>	
4	The meter CE mark, supplementary metrology marking and Notified Body number relating to the declaration of conformity to the MID/MIR is accessible and visible. <span style="float: right;"><input type="checkbox"/></span>	
5	The auxiliary power supply of the meter is connected in a way that ensures uninterrupted meter operation: <ul style="list-style-type: none"> <li>• If the meter is supplied from the measured circuit, an external 3-phase power supply device should be used and connected in a way that ensures uninterrupted meter operation when any one or two phases of the measured circuit become de-energized. The external 3-phase power supply device should be connected to the supply (utility) side of the measured circuit. <span style="float: right;"><input type="checkbox"/></span></li> <li>• If the meter is supplied from an auxiliary power source, such as an UPS or a battery, it should NOT be connected to the load side of the measured circuit. <span style="float: right;"><input type="checkbox"/></span></li> </ul>	
6	The meter's power system setting is appropriately set to either 3PH4W Wye Gnd (Three-phase 4-wire wye grounded) or 3PH3W Dlt Ungnd (Three-phase 3-wire delta ungrounded). <span style="float: right;"><input type="checkbox"/></span>	
7	The CTs are connected with the correct polarity. <span style="float: right;"><input type="checkbox"/></span>	
8	The auxiliary power, current, and voltage terminal covers are installed and sealed. (Sealing methods are subject to the national requirements). <span style="float: right;"><input type="checkbox"/></span>	
<b>Set-up (Metrologically relevant parameters and functions)</b>		
9	The CT and VT ratios configured in the setup menu are the same as the nameplate ratios of the connected CT and VT. <span style="float: right;"><input type="checkbox"/></span>	
10	The system frequency configured in the setup menu is the same as the frequency of the measured circuit. <span style="float: right;"><input type="checkbox"/></span>	
11	Before the meter is locked, check if: <ul style="list-style-type: none"> <li>• All necessary configuration is completed. <span style="float: right;"><input type="checkbox"/></span></li> <li>• Meter initialization reset is performed to clear any previously accumulated data. <span style="float: right;"><input type="checkbox"/></span></li> </ul>	
12	After the meter is locked, check if the following resets are disabled: <ul style="list-style-type: none"> <li>• Global resets: Meter initialization (all) and energies. <span style="float: right;"><input type="checkbox"/></span></li> <li>• Single resets: Energy and multi-tariff. <span style="float: right;"><input type="checkbox"/></span></li> </ul>	
13	Record the meter's user and password information in a secure location, because a lost lock password cannot be recovered. <span style="float: right;"><input type="checkbox"/></span>	

Name of installation technician : .....

Signature : .....

Date : .....

S No.	Commissioning steps	Yes/No
<b>Additional recommendations</b>		
14	The facility manager is aware that: <ul style="list-style-type: none"> <li data-bbox="151 264 1453 304">• He/she is responsible to comply with the local regulations during meter operations.</li> <li data-bbox="151 309 1453 367">• An active (blinking) auxiliary power interruption event icon indicates that a meter shutdown or billing information loss has occurred. Refer to the User Manual for detailed information.</li> </ul>	<input data-bbox="1481 264 1508 304" type="checkbox"/> <input data-bbox="1481 309 1508 349" type="checkbox"/>

Name of facility manager : .....

Signature : .....

Date : .....