

IMD 100 Installation check list

For instructions about filling and archiving the checklist see section [4](#) on page [5](#).

1. General details

Table 1 General:

Customer:	<input type="text"/>	IMD Axis label:	<input type="text"/>
Site / factory:	<input type="text"/>	Blade No.	<input type="text"/>
Turbine:	<input type="text"/>	Date:	<input type="text"/>
IMD serial no.:	<input type="text"/>	Name (s):	<input type="text"/>
Doc. reference	<ul style="list-style-type: none"> IMD 100 Installation Instructions (document no. 4189360005) , rev.: <input type="text"/> Applicable wiring diagram: <input type="text"/> 		

Table 2 Calibrated tools used:

Pos.	Tool description	Tool number	Calibration expiry date
1	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>

2. Check items

No.	Ref. section	Task	Tool pos.	Result	Name/comments
1.	3.3	No product damage observed	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
2.	4.1	Holes in cabinet pre-made <input type="radio"/> Yes <input type="radio"/> No: Holes drilled according to drawing	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
3.	4.2	Accessories mounted and all screws/ nuts torqued to specifications.	<input type="checkbox"/>	Result <input type="radio"/> OK <input type="radio"/> Not OK	
4.	4.3 /4.4	IMD mounted and all screws/ nuts torqued to specifications. Mounting frame used: <input type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	Result <input type="radio"/> OK <input type="radio"/> Not OK	
5.	5.3.1	Motor cable prepared according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
6.	5.3.2	Motor cable connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
7.	5.3.3	Mains cable connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
8.	5.3.4	Mains and motor earth connected and torqued according to instructions	<input type="checkbox"/>	Result <input type="radio"/> Yes <input type="radio"/> No	
9.	5.3.5	Motor cabled shield earthed according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
10.	5.3.6	Safe energy connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	

No.	Ref. section	Task	Tool pos.	Result	Name/comments
11.	5.3.7	External ballast resistor connected according to instructions (Use N/A if internal ballast resistor is used)	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK <input type="radio"/> N/A	
12.	5.4.1	Brake connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
13.	5.4.2 / 5.4.3	Motor temperature sensor connected through: <input type="radio"/> X3 <input type="radio"/> X4 according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
14.	5.4.3	Resolver connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
15.	5.4.4	SSI used: <input type="radio"/> Yes <input type="radio"/> No If yes: SSI connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
16.	5.4.5	CAN cable connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
17.	5.5.1	24 V connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
18.	5.5.2	Safety I/O and digital outputs connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
19.	5.5.3	Digital inputs connected according to instructions	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	
20.	5.5.4	Fan connected according to instructions (Use N/A for IMD 122 C)	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK <input type="radio"/> N/A	

No.	Ref. section	Task	Tool pos.	Result	Name/comments
21.	6	Cables and wires are fixed. Cabinet is cleaned.	N/A	Result <input type="radio"/> OK <input type="radio"/> Not OK	

3. Comments and signatures

Comments

I hereby confirm that the installation was executed according to the referenced manual and wiring diagram.

Date:

Installer signature:

4. Filling and archiving the checklist

This page does not need to be archived if the checklist is filled on paper.

This checklist can be filled on paper or electronically using Adobe Acrobat® reader¹. Other pdf readers can also be used, but it is not certain that the interactive fields will function properly.

1. Fill in the details in [Table 1](#) on page [1](#). End date is filled when the installation is completed. Note all tools used in [Table 2](#) on page [1](#) :

Table 2 Calibrated tools used:

Pos.	Tool description	Tool number	Calibration expiry date
1	Wera torque wrench	2035	2020-02-15
2	Wera torque screwdriver	2036	2020-02-15

2. Fill in the check items while performing the installation, according to the description in the V47 installation instructions, during the execution of the actual work.
Some tasks contain optional work, noted with a checkbox. Tick the check box if the optional work is executed.

When using tools, note the tool position no. from [Table 2](#) on page [1](#).

The OK bullet may only be checked if all items in the row are as expected. Use N/A to items which are not applicable (components that are not mounted).

Example of filled check item row:

No.	Ref. section	Task	Tool pos.	Result	Name/comments
3.	4.3 /4.4	IMD mounted with mounting frame and all screws/ nuts torqued to specifications. Mounting frame used: <input checked="" type="radio"/> Yes <input type="radio"/> No	1	Result <input checked="" type="radio"/> OK <input type="radio"/> Not OK	JS

- Description of work: Installation instructions, sections 4.3 and 4.4.
- Mounting frame is used (Yes)
- The tool used is the tool noted in position 1 in [Table 2](#) on page [1](#)
- Work executed according to description (OK)
- Execution person is JS

4.1 Archiving

For future reference, it is recommended to keep the filled check list for each IMD either electronically or on paper, as well as one copy of the installation instructions.

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