

IMD 100 Configuration & verification checklist

Instructions for filling the checklist:

All the items in the checklists are verified according to the work description in the IMD 100 configuration and verification instructions, during the execution of the actual work. The OK bullet may only be ticked if all items in the row are as expected. Tick the “N/A” radio button if a check item is not applicable for the actual IMD verification.

When there are checkboxes in a cell, check the relevant checkboxes (for example if there are multiple inputs and only some of them are used and verified, check only the checkboxes for the inputs that are verified).

1. General details

Customer:		IMD Axis label:	
Factory / Site:		Blade No.	
Turbine:		Date:	
IMD serial no.:		Name (s):	
Doc. reference	IMD 100 configuration and verification instructions (4189360016)	Configuration file name:	
		Firmware release:	

Comments:

2. Check items

No.	Ref.	Task	Result	Name/comments
1.	4.1.2	Firmware upgraded with the firmware version noted on the first page: ☐ Yes ☐ No	Result: ☐ OK ☐ Not OK	
2.	4.2.2	IMD configured with the configuration file noted on the first page	Result: ☐ OK ☐ Not OK	
3.	5.2.1	Following errors shown: ☐ 0 BADPARAS ☐ 1 POWERFAULT ☐ 2 RFE ☐ 3 BUS TIMEOUT ☐ 4 FEEDBACK ☐ 5 UNDERVOLTAGE ☐ 6 MOTORTEMP ☐ 7 DEVICETEMP ☐ 8 OVERVOLTAGE ☐ 9 I_PEAK ☐ A RACEAWAY ☐ C HIGHVOLTAGE ☐ D PRE_CHARGE ☐ E HW-ERROR ☐ F BALLAST	Result: ☐ OK ☐ Not OK	
4.	5.2.2	Safety-chain input verified	Result: ☐ OK ☐ Not OK	
5.	5.2.2	Motor control verified	Result: ☐ OK ☐ Not OK	

No.	Ref.	Task	Result	Name/comments
6.	5.2.3	Safe energy verified (if applicable)	Result: ☐ OK ☐ Not OK ☐ N/A	
7.	5.2.4	SSI used in turbine: ☐ Yes, function verified ☐ No	Result: ☐ OK ☐ Not OK	
8.	5.2.5	Resolver function verified	Result: ☐ OK ☐ Not OK	
9.	5.2.6	Motor temperature sensor verified	Result: ☐ OK ☐ Not OK	
10.	5.2.7	Limit switches verified: ☐ Limit switch 1 ☐ Limit switch 2	Result: ☐ OK ☐ Not OK	
11.	5.2.8	Digital inputs verified: ☐ DI 1 ☐ DI 2 ☐ DI 3 ☐ DI 4 ☐ DI 5 ☐ DI 6 ☐ DI 7 ☐ DI 8 ☐ DI 9 ☐ DI 10 ☐ DI 11 ☐ DI 12	Result: ☐ OK ☐ Not OK	

No.	Ref.	Task	Result	Name/comments
12.	5.2.9	Temperature sensors verified: ☐ Pt100 1 ☐ Pt100 2 ☐ Pt100 3 ☐ Pt100 4	Result: ☐ OK ☐ Not OK	
13.	5.2.10	Fan function verified	Result: ☐ OK ☐ Not OK	
14.	5.2.11	Digital output function verified ☐ DO 1 ☐ DO 2 ☐ DO 3 ☐ DO 4 ☐ DO 5 ☐ DO 6 ☐ DO 7 ☐ DO 8 ☐ RO	Result: ☐ OK ☐ Not OK	
15.	5.2.12	Safety-chain output (SCR) verified	Result: ☐ OK ☐ Not OK	
16.	5.2.13	CAN/CANopen communication verified	Result: ☐ OK ☐ Not OK	
17.	5.2.14	Manual operation verified (if applicable) ☐ Man.oper.360 verified	Result: ☐ OK ☐ Not OK ☐ N/A	
18.	5.2.15	24 VDC on X7 verified (if applicable)	Result: ☐ OK ☐ Not OK ☐ N/A	

No.	Ref.	Task	Result	Name/comments
19.	5.2.6	Safe energy charger verified (if applicable)	Result: ☐ OK ☐ Not OK ☐ N/A	

3. Signature

I hereby confirm that the configuration and verification was executed according to the procedures described in the referenced manual.

Date:

Technician signature: