

# 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 checked if all items in the row are as expected. 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	Configuration file name:	_____
		Firmware release:	_____

Comments:

## 2. Check items

No.	Ref.	Task	OK Not ok	Name/comments
1.	3.1.2	Firmware upgraded: <input type="radio"/> Yes, with the firmware version noted on the first page <input type="radio"/> No	<input type="radio"/> OK <input type="radio"/> Not OK	
2.	3.2.2	IMD configured with the configuration file noted on the first page	<input type="radio"/> OK <input type="radio"/> Not OK	
3.	4.1.2.1	Following errors shown: <input type="checkbox"/> 0 BADPARAS (11) <input type="checkbox"/> 1 POWER FAULT (12) <input type="checkbox"/> 2 RFE open (14) <input type="checkbox"/> 3 BUS TIMEOUT (16) <input type="checkbox"/> 4 FEEDBACK (18) <input type="checkbox"/> 5 POWERVOLTAGE <input type="checkbox"/> 6 MOTORTEMP <input type="checkbox"/> 7 DEVICETEMP <input type="checkbox"/> 8 OVERVOLTAGE <input type="checkbox"/> 9 I_PEAK <input type="checkbox"/> A RACEAWAY <input type="checkbox"/> E HW-ERROR <input type="checkbox"/> F BALLAST	<input type="radio"/> OK <input type="radio"/> Not OK	
4.	4.1.2.2	Safety-chain input verified	<input type="radio"/> OK <input type="radio"/> Not OK	
5.	4.1.2.2	Motor control verified	<input type="radio"/> OK <input type="radio"/> Not OK	
6.	4.1.2.3	SSI used in turbine: <input type="radio"/> Yes, function verified <input type="radio"/> No	<input type="radio"/> OK <input type="radio"/> Not OK	
7.	4.1.2.4	Resolver function verified	<input type="radio"/> OK <input type="radio"/> Not OK	

No.	Ref.	Task	OK Not ok	Name/comments
8.	4.1.2.5	Motor temperature sensor verified	<input type="radio"/> OK <input type="radio"/> Not OK	_____
9.	4.1.2.6	Limit switches verified: <input type="checkbox"/> Limit switch 1 <input type="checkbox"/> Limit switch 2	<input type="radio"/> OK <input type="radio"/> Not OK	_____
10.	4.1.2.7	Digital inputs verified: <input type="checkbox"/> DI 1 <input type="checkbox"/> DI 2 <input type="checkbox"/> DI 3 <input type="checkbox"/> DI 4 <input type="checkbox"/> DI 5 <input type="checkbox"/> DI 6 <input type="checkbox"/> DI 7 <input type="checkbox"/> DI 8 <input type="checkbox"/> DI 9 <input type="checkbox"/> DI 10 <input type="checkbox"/> DI 11 <input type="checkbox"/> DI 12	<input type="radio"/> OK <input type="radio"/> Not OK	_____
11.	4.1.2.8	Temperature sensors verified: <input type="checkbox"/> Pt100 1 <input type="checkbox"/> Pt100 2 <input type="checkbox"/> Pt100 3 <input type="checkbox"/> Pt100 4	<input type="radio"/> OK <input type="radio"/> Not OK	_____
12.	4.1.2.9	Fan function verified	<input type="radio"/> OK <input type="radio"/> Not OK	_____
13.	4.1.2.10	Digital output function verified <input type="checkbox"/> DO 1 <input type="checkbox"/> DO 2 <input type="checkbox"/> DO 3 <input type="checkbox"/> DO 4 <input type="checkbox"/> DO 5 <input type="checkbox"/> DO 6 <input type="checkbox"/> DO 7 <input type="checkbox"/> DO 8 <input type="checkbox"/> RO	<input type="radio"/> OK <input type="radio"/> Not OK	_____

No.	Ref.	Task	OK Not ok	Name/comments
14.	4.1.2.11	Safety-chain output (SCR) verified	<input type="radio"/> OK <input type="radio"/> Not OK	_____
15.	4.1.2.12	CAN/CANopen communication verified	<input type="radio"/> OK <input type="radio"/> Not OK	_____