SIF for the BKV CMS commissioning procedure

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Wind turbine type

Read the full document before you start to do work.

Send questions or concerns about the document to Vestas Wind Systems A/S.

Wind turbine type	Mk version
V117-4.0/4.2 MW	Mk 3F
V136-4.0/4.2 MW	Mk 3F
V136-4.5 MW	Mk 3F
V150-4.0/4.2 MW	Mk 3F
V150-4.5 MW	Mk 3F

Change description

Description of changes
First edition.

Wind turbine information

Wind turbine type/wind turbine no.	Vestas supervisor's initials	Date

Notes in the service report:	Yes	No	N/A
	☐	☐	

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1 SIF instructions

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Complete this SIF/CMS commissioning report. Get the service technician's initials and the service manager's approval signature/date.

If necessary, when you do the commissioning, attach this SIF to the wind turbine commissioning documentation.

E-mail the completed and signed SIF/commissioning report to: **conditionmonitoring@vestas.com**

2 CMS service inspection form

2.1 Service ID and wind turbine specifications

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Wind turbine number*:	**Wind turbine type*:**	**Wind farm number*:**
Service life year*:	**Service car number (optional):**	
Owner (optional):	**Site location*:**	
Contact the wind turbine owner who have access to the online CMS portal. Give the names and e-mail addresses of the wind turbine owner.		
Main bearing (manufacturer and type)*:	**Gearbox manufacturer, type, and gearbox ratio*:**	
Generator (manufacturer and type)*:	**Hub height (optional):**	
IP address of the wind turbine*:	**Controller type*:**	
IP address DDAU:	**MAC address DDAU*:**	
Gateway:	**Subnet mask: 255.255.255.0**	
URL DAS server:		

* This field is necessary to complete the commissioning report.

If the type of main bearing, gearbox, and generator are added with the pictures that is attached to the report, then the pictures of all the identification plates on these components must be attached.

The information on the plates must be clear and readable.

2.2 CMS system commissioning report

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This section is for the attachments or snapshots of the commissioning report that is automatically generated by the CMS system.

2.3 Sensor inspection form

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Channel	Sensor location	Sensor connection	Bias values	Checked	Notes
AC/DC1	Generator, drive end				
AC/DC2	Generator, non-drive end				
AC/ speed13	High-speed shaft				
AC/DC3	High-speed stage, front				
AC/DC4	High-speed stage, rear				
AC/DC5	Intermediate stage, front				
AC/DC6	Intermediate stage, rear				
AC/DC7	Planetary stage				
AC/DC8	Gearbox rotor bearing				
AC/DC9	Main bearing				
AC/DC10	Gearbox, axial				
AC/DC11	Tower, axial				
AC/DC12	Tower, lateral				

Initials of service technicians who commission the commissioning	
Service technician 1	Service technician 2

Approval signature and date	
Service manager	Date