

Wind Farm CASALDUNI

Inspector	Ing. Matteo Canevello
Attendants to the inspection	Ing. Raffaele Petrucciolo
Inspection Date	07.11.22

Definitions

Category of Defect	Description of Category	Results of Inspection
Minor Defect	defect to be remedied	NO finding
Major Defect	major defect to be remedied on short term	NO findings
Critical defect	safety critical defect, immediate action to be taken	NO findings
n.a.	not applicable in this type of turbine	

Findings

No.	Category	Description of Defect	Defect cat.

Site Visit Report Wind Farm CASALDUNI

FICHTNER

General Information on wind farm

1	Wind Farm Information		
1.1	Wind Farm	PARCO EOLICO CASALDUNI	
1.2	Location	CASALSUNI/PONTELANDOLFO, Benevento, Campania, Italy	
1.3	Status	In construction	
1.4	Commissioned	-	

2	Wind Turbine Information	
2.1	Manufacturer	Siemens Gamesa Renewable Energy Wind
2.2	Type / Capacity	G132 / 3.645 MW
2.3	Wind farm capacity	34.65 MW
2.4	Rotor diameter	132 m
2.5	Hub height	114 m

Inspection

3 Access to the site

3.1 Roads



No relevant defect raised during the inspection

Roads in good condition

4	WTG08		
4.1	Crane platform	Works completed	No relevant defect raised during the inspection
4.2	Foundation	Foundation piles successfully tested and backfill completed	No relevant defect raised during the inspection
4.3	WTG	Yet to be erected	

5	WTG09		
5.1	Crane platform	Works completed	No relevant defect raised during the inspection
5.2	Foundation	Foundation piles successfully tested and backfill completed	No relevant defect raised during the inspection
5.3	WTG	Yet to be erected	

6	WTG10		
6.1	Crane platform		No relevant defect raised during the inspection
6.2	Foundation	backfill works ongoing	No relevant defect raised during the inspection
6.3	WTG	Yet to be erected	
7	WTG11		<u> </u>
7.1	Crane platform		No relevant defect raised during the inspection



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7.2	Foundation	backfill works ongoing	No relevant defect raised during the inspection
7.3	WTG	Yet to be erected	
8.1	WTG13 Crane platform		No relevant defect raised during the inspection
8.2	Foundation	Foundation piles to be tested	No relevant defect raised during the inspection
8.3	WTG	Yet to be erected	
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Minor Defect Major Defect Critical Defect n.a. defect to be remedied major defect to be remedied on short term safety critical defect, immediate action to be taken not applicable in this type of turbine

9	WTG14		
9.1	Crane platform	preliminary works ongoing	No relevant defect raised during the inspection
9.2	Foundation	Foundation piles to be tested	No relevant defect raised during the inspection
9.3	WTG	Yet to be erected	

10	WTG18		
10.1	Crane platform		No relevant defect raised during the inspection
10.2	Foundation	Works completed. Since it is a direct foundation no pile has to be tested	No relevant defect raised during the inspection
10.3	WTG	Yet to be erected	

11	WTG3		
11.1	Crane platform	Preliminary works ongoing	No relevant defect raised during the inspection
11.2	Foundation		

Minor Defect Major Defect Critical Defect n.a. defect to be remedied major defect to be remedied on short term safety critical defect, immediate action to be taken not applicable in this type of turbine

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11.3	WTG	Yet to be erected		
12	WTG04			
12.1	Crane platform	Preliminary works ongoing	No relevant defect raised during the inspection	
12.2	Foundation			
12.3	WTG	Yet to be erected		
		ret to be erected		
13	WTG05	ret to be erected		
13.1		works to start in the following weeks		
	WTG05			



defect to be remedied major defect to be remedied on short term safety critical defect, immediate action to be taken not applicable in this type of turbine

14	Underground MV line		
14.1	Trenches and cable laying	Waiting for new cables after the theft occurred during September	

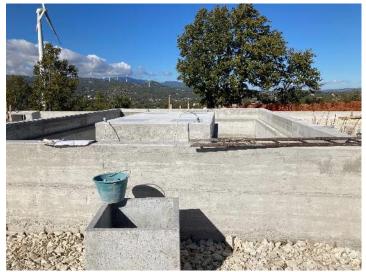
15	Electrical Substation	
15.1	Civil works	No relevant defect raised during the inspection

Minor Defect Major Defect Critical Defect

defect to be remedied major defect to be remedied on short term safety critical defect, immediate action to be taken not applicable in this type of turbine

Cabins foundation platform

15.2 Civil works



No relevant defect raised during the inspection

Trafo AV/MV pit