

Integrale ricostruzione dell'impianto eolico VRG-040

Progetto definitivo

Oggetto:

040-47 - Allegato 4

Proponente:

VRG wind 040

VRG Wind 040 S.r.l.
Via Algardi 4
Milano (MI)

Progettista:

 **Stantec**

Stantec S.p.A.
Centro Direzionale Milano 2, Palazzo Canova
Segrate (Milano)

Rev. N.	Data	Descrizione modifiche	Redatto da	Rivisto da	Approvato da
00	22/07/2022	Prima Emissione	Lorenzo Magni Davide Irto	Matteo Carnevale	Marco Sergenti
01	30/11/2022	Integrati Commenti	Lorenzo Magni Davide Irto	Matteo Carnevale	Marco Sergenti
02	02/03/2023	Integrati Commenti	Lorenzo Magni Davide Irto	Matteo Carnevale	Marco Sergenti
Fase progetto: Definitivo				Formato elaborato: A4	

Nome File: **040-47.02 - Allegato 4.docx**

IMMISSIONE - STATO DI PROGETTO - VENTO 4 m/s

RICETTORE	Velocita' del vento	Leq Diurno (dBA)	Leq Notturmo (dBA)	Limite Diurno (dBA)	Limite Notturmo (dBA)	Rispetto Limite Diurno	Rispetto Limite Notturmo
RC 002	4 m/s	29.6	29.2	70	60	OK	OK
RC 003	4 m/s	35.4	30.7	70	60	OK	OK
RC 005	4 m/s	36.3	30.7	70	60	OK	OK
RC 007	4 m/s	33.0	30.0	70	60	OK	OK
RC 009	4 m/s	34.1	29.3	70	60	OK	OK
RC 011	4 m/s	35.7	30.2	70	60	OK	OK
RC 012	4 m/s	32.9	29.8	70	60	OK	OK
RC 014	4 m/s	30.9	29.3	70	60	OK	OK
RC 015	4 m/s	30.4	29.2	70	60	OK	OK
RC 017	4 m/s	40.9	30.6	70	60	OK	OK
RC 018	4 m/s	31.6	29.5	70	60	OK	OK
RC 19	4 m/s	37.5	29.7	70	60	OK	OK
RC 020	4 m/s	34.1	29.5	70	60	OK	OK
RC 023	4 m/s	31.2	29.3	70	60	OK	OK
RC 024	4 m/s	34.4	29.7	70	60	OK	OK
RC 030	4 m/s	35.7	30.6	70	60	OK	OK
RC 031	4 m/s	32.5	32.2	70	60	OK	OK
RC 034	4 m/s	32.1	29.3	70	60	OK	OK
RC 044	4 m/s	44.4	32.7	70	60	OK	OK
RC 045	4 m/s	50.5	36.5	70	60	OK	OK
RC 066	4 m/s	33.8	30.1	70	60	OK	OK
RC 099	4 m/s	45.3	32.8	70	60	OK	OK
RC 106	4 m/s	46.4	38.9	70	60	OK	OK
RC 109	4 m/s	37.4	32.9	70	60	OK	OK
RC 111	4 m/s	52.2	44.3	70	60	OK	OK
RC 124	4 m/s	33.3	30.3	70	60	OK	OK
RC 125	4 m/s	37.2	31.9	70	60	OK	OK
RC 126	4 m/s	38.1	32.5	70	60	OK	OK
RC 127	4 m/s	37.0	31.8	70	60	OK	OK
RC 129	4 m/s	45.3	36.2	70	60	OK	OK
RC 134	4 m/s	31.8	30.4	70	60	OK	OK
RC 138	4 m/s	35.3	31.0	70	60	OK	OK
RC 143	4 m/s	31.2	30.9	70	60	OK	OK
RC 149	4 m/s	36.6	31.0	70	60	OK	OK
RC 150	4 m/s	47.3	34.4	70	60	OK	OK
RC 151	4 m/s	39.4	31.4	70	60	OK	OK
RC 152	4 m/s	39.8	31.1	70	60	OK	OK
RC 153	4 m/s	38.9	30.1	70	60	OK	OK
RC 154	4 m/s	34.1	29.2	70	60	OK	OK
RC 159	4 m/s	36.7	30.0	70	60	OK	OK
RC 165	4 m/s	39.6	30.5	70	60	OK	OK
RC 166	4 m/s	36.6	30.0	70	60	OK	OK
RC 168	4 m/s	29.5	29.0	70	60	OK	OK
RC 169	4 m/s	33.1	29.9	70	60	OK	OK
RC 170	4 m/s	31.2	30.8	70	60	OK	OK
RC 176	4 m/s	31.1	29.3	70	60	OK	OK
RC 179	4 m/s	32.2	29.8	70	60	OK	OK
RC 185	4 m/s	55.5	40.8	70	60	OK	OK
RC 190	4 m/s	29.2	29.0	70	60	OK	OK

IMMISSIONE - STATO DI PROGETTO -VENTO 5 m/s

RICETTORE	Velocita' del vento	Leq Diurno (dBA)	Leq Notturmo (dBA)	Limite Diurno (dBA)	Limite Notturmo (dBA)	Rispetto Limite Diurno	Rispetto Limite Notturmo
RC 002	5 m/s	31.0	30.7	70	60	OK	OK
RC 003	5 m/s	35.8	31.8	70	60	OK	OK
RC 005	5 m/s	36.6	31.8	70	60	OK	OK
RC 007	5 m/s	33.7	31.2	70	60	OK	OK
RC 009	5 m/s	34.6	30.7	70	60	OK	OK
RC 011	5 m/s	36.1	31.4	70	60	OK	OK
RC 012	5 m/s	33.6	31.1	70	60	OK	OK
RC 014	5 m/s	31.9	30.7	70	60	OK	OK
RC 015	5 m/s	31.5	30.6	70	60	OK	OK
RC 017	5 m/s	41.0	31.7	70	60	OK	OK
RC 018	5 m/s	32.5	30.9	70	60	OK	OK
RC 19	5 m/s	37.7	31.0	70	60	OK	OK
RC 020	5 m/s	34.7	30.9	70	60	OK	OK
RC 023	5 m/s	32.2	30.7	70	60	OK	OK
RC 024	5 m/s	34.9	31.0	70	60	OK	OK
RC 030	5 m/s	36.1	31.7	70	60	OK	OK
RC 031	5 m/s	33.4	33.2	70	60	OK	OK
RC 034	5 m/s	32.9	30.7	70	60	OK	OK
RC 044	5 m/s	44.4	33.4	70	60	OK	OK
RC 045	5 m/s	50.5	36.8	70	60	OK	OK
RC 066	5 m/s	34.4	31.3	70	60	OK	OK
RC 099	5 m/s	45.3	33.5	70	60	OK	OK
RC 106	5 m/s	46.4	39.1	70	60	OK	OK
RC 109	5 m/s	37.7	33.7	70	60	OK	OK
RC 111	5 m/s	52.2	44.4	70	60	OK	OK
RC 124	5 m/s	34.0	31.5	70	60	OK	OK
RC 125	5 m/s	37.5	32.8	70	60	OK	OK
RC 126	5 m/s	38.3	33.3	70	60	OK	OK
RC 127	5 m/s	37.3	32.7	70	60	OK	OK
RC 129	5 m/s	45.4	36.6	70	60	OK	OK
RC 134	5 m/s	32.7	31.6	70	60	OK	OK
RC 138	5 m/s	35.7	32.0	70	60	OK	OK
RC 143	5 m/s	32.3	32.0	70	60	OK	OK
RC 149	5 m/s	36.9	32.0	70	60	OK	OK
RC 150	5 m/s	47.3	34.9	70	60	OK	OK
RC 151	5 m/s	39.6	32.4	70	60	OK	OK
RC 152	5 m/s	39.9	32.1	70	60	OK	OK
RC 153	5 m/s	39.0	31.3	70	60	OK	OK
RC 154	5 m/s	34.7	30.6	70	60	OK	OK
RC 159	5 m/s	37.0	31.3	70	60	OK	OK
RC 165	5 m/s	39.8	31.6	70	60	OK	OK
RC 166	5 m/s	36.9	31.3	70	60	OK	OK
RC 168	5 m/s	30.8	30.5	70	60	OK	OK
RC 169	5 m/s	33.7	31.2	70	60	OK	OK
RC 170	5 m/s	32.2	31.9	70	60	OK	OK
RC 176	5 m/s	32.0	30.7	70	60	OK	OK
RC 179	5 m/s	33.0	31.1	70	60	OK	OK
RC 185	5 m/s	55.5	41.0	70	60	OK	OK
RC 190	5 m/s	30.6	30.5	70	60	OK	OK

IMMISSIONE - STATO DI PROGETTO -VENTO 6 m/s

RICETTORE	Velocita' del vento	Leq Diurno (dBA)	Leq Notturmo (dBA)	Limite Diurno (dBA)	Limite Notturmo (dBA)	Rispetto Limite Diurno	Rispetto Limite Notturmo
RC 002	6 m/s	32.8	32.6	70	60	OK	OK
RC 003	6 m/s	36.7	33.8	70	60	OK	OK
RC 005	6 m/s	37.2	33.3	70	60	OK	OK
RC 007	6 m/s	35.0	33.4	70	60	OK	OK
RC 009	6 m/s	35.3	32.4	70	60	OK	OK
RC 011	6 m/s	36.7	33.0	70	60	OK	OK
RC 012	6 m/s	34.9	33.2	70	60	OK	OK
RC 014	6 m/s	33.5	32.7	70	60	OK	OK
RC 015	6 m/s	33.1	32.5	70	60	OK	OK
RC 017	6 m/s	41.2	33.1	70	60	OK	OK
RC 018	6 m/s	34.0	32.9	70	60	OK	OK
RC 19	6 m/s	38.1	32.6	70	60	OK	OK
RC 020	6 m/s	35.5	32.7	70	60	OK	OK
RC 023	6 m/s	33.6	32.6	70	60	OK	OK
RC 024	6 m/s	35.8	33.0	70	60	OK	OK
RC 030	6 m/s	37.2	34.2	70	60	OK	OK
RC 031	6 m/s	36.6	36.5	70	60	OK	OK
RC 034	6 m/s	34.1	32.6	70	60	OK	OK
RC 044	6 m/s	44.6	35.2	70	60	OK	OK
RC 045	6 m/s	50.6	37.5	70	60	OK	OK
RC 066	6 m/s	35.2	32.8	70	60	OK	OK
RC 099	6 m/s	45.4	34.6	70	60	OK	OK
RC 106	6 m/s	46.5	39.5	70	60	OK	OK
RC 109	6 m/s	38.7	36.0	70	60	OK	OK
RC 111	6 m/s	52.2	44.5	70	60	OK	OK
RC 124	6 m/s	35.2	33.5	70	60	OK	OK
RC 125	6 m/s	38.1	34.3	70	60	OK	OK
RC 126	6 m/s	38.8	34.7	70	60	OK	OK
RC 127	6 m/s	37.9	34.1	70	60	OK	OK
RC 129	6 m/s	45.5	37.6	70	60	OK	OK
RC 134	6 m/s	34.7	34.0	70	60	OK	OK
RC 138	6 m/s	36.6	33.8	70	60	OK	OK
RC 143	6 m/s	35.0	34.9	70	60	OK	OK
RC 149	6 m/s	37.7	34.1	70	60	OK	OK
RC 150	6 m/s	47.4	36.2	70	60	OK	OK
RC 151	6 m/s	40.1	34.5	70	60	OK	OK
RC 152	6 m/s	40.4	34.3	70	60	OK	OK
RC 153	6 m/s	39.3	32.8	70	60	OK	OK
RC 154	6 m/s	35.4	32.3	70	60	OK	OK
RC 159	6 m/s	37.6	33.3	70	60	OK	OK
RC 165	6 m/s	40.1	33.3	70	60	OK	OK
RC 166	6 m/s	37.6	33.3	70	60	OK	OK
RC 168	6 m/s	32.6	32.4	70	60	OK	OK
RC 169	6 m/s	35.1	33.4	70	60	OK	OK
RC 170	6 m/s	34.9	34.8	70	60	OK	OK
RC 176	6 m/s	33.3	32.4	70	60	OK	OK
RC 179	6 m/s	34.3	33.0	70	60	OK	OK
RC 185	6 m/s	55.5	41.2	70	60	OK	OK
RC 190	6 m/s	32.4	32.3	70	60	OK	OK

IMMISSIONE - STATO DI PROGETTO -VENTO 7 m/s

RICETTORE	Velocita' del vento	Leq Diurno (dBA)	Leq Notturno (dBA)	Limite Diurno (dBA)	Limite Notturno (dBA)	Rispetto Limite Diurno	Rispetto Limite Notturno
RC 002	7 m/s	34.8	34.7	70	60	OK	OK
RC 003	7 m/s	38.0	36.1	70	60	OK	OK
RC 005	7 m/s	38.0	35.0	70	60	OK	OK
RC 007	7 m/s	36.7	35.7	70	60	OK	OK
RC 009	7 m/s	36.3	34.1	70	60	OK	OK
RC 011	7 m/s	37.5	34.7	70	60	OK	OK
RC 012	7 m/s	36.5	35.4	70	60	OK	OK
RC 014	7 m/s	35.2	34.7	70	60	OK	OK
RC 015	7 m/s	34.9	34.5	70	60	OK	OK
RC 017	7 m/s	41.5	34.7	70	60	OK	OK
RC 018	7 m/s	35.8	35.1	70	60	OK	OK
RC 19	7 m/s	38.7	34.4	70	60	OK	OK
RC 020	7 m/s	36.6	34.6	70	60	OK	OK
RC 023	7 m/s	35.3	34.7	70	60	OK	OK
RC 024	7 m/s	37.1	35.1	70	60	OK	OK
RC 030	7 m/s	38.7	36.8	70	60	OK	OK
RC 031	7 m/s	39.7	39.7	70	60	OK	OK
RC 034	7 m/s	35.6	34.6	70	60	OK	OK
RC 044	7 m/s	44.9	37.3	70	60	OK	OK
RC 045	7 m/s	50.6	38.4	70	60	OK	OK
RC 066	7 m/s	36.2	34.4	70	60	OK	OK
RC 099	7 m/s	45.5	35.8	70	60	OK	OK
RC 106	7 m/s	46.7	40.2	70	60	OK	OK
RC 109	7 m/s	40.3	38.5	70	60	OK	OK
RC 111	7 m/s	52.3	44.7	70	60	OK	OK
RC 124	7 m/s	36.7	35.6	70	60	OK	OK
RC 125	7 m/s	38.9	36.1	70	60	OK	OK
RC 126	7 m/s	39.6	36.5	70	60	OK	OK
RC 127	7 m/s	38.7	35.9	70	60	OK	OK
RC 129	7 m/s	45.8	39.1	70	60	OK	OK
RC 134	7 m/s	36.9	36.5	70	60	OK	OK
RC 138	7 m/s	37.7	35.8	70	60	OK	OK
RC 143	7 m/s	37.8	37.7	70	60	OK	OK
RC 149	7 m/s	38.9	36.4	70	60	OK	OK
RC 150	7 m/s	47.6	37.9	70	60	OK	OK
RC 151	7 m/s	40.8	36.7	70	60	OK	OK
RC 152	7 m/s	41.1	36.6	70	60	OK	OK
RC 153	7 m/s	39.8	34.5	70	60	OK	OK
RC 154	7 m/s	36.4	34.1	70	60	OK	OK
RC 159	7 m/s	38.6	35.4	70	60	OK	OK
RC 165	7 m/s	40.6	35.3	70	60	OK	OK
RC 166	7 m/s	38.5	35.4	70	60	OK	OK
RC 168	7 m/s	34.4	34.3	70	60	OK	OK
RC 169	7 m/s	36.8	35.8	70	60	OK	OK
RC 170	7 m/s	37.7	37.6	70	60	OK	OK
RC 176	7 m/s	34.8	34.1	70	60	OK	OK
RC 179	7 m/s	35.9	35.0	70	60	OK	OK
RC 185	7 m/s	55.5	41.7	70	60	OK	OK
RC 190	7 m/s	34.2	34.1	70	60	OK	OK

IMMISSIONE - STATO DI PROGETTO - VENTO 8 m/s

RICETTORE	Velocita' del vento	Leq Diurno (dBA)	Leq Notturmo (dBA)	Limite Diurno (dBA)	Limite Notturmo (dBA)	Rispetto Limite Diurno	Rispetto Limite Notturmo
RC 002	8 m/s	36.8	35.7	70	60	OK	OK
RC 003	8 m/s	39.6	37.6	70	60	OK	OK
RC 005	8 m/s	39.0	35.9	70	60	OK	OK
RC 007	8 m/s	38.6	37.2	70	60	OK	OK
RC 009	8 m/s	37.4	34.5	70	60	OK	OK
RC 011	8 m/s	38.6	35.5	70	60	OK	OK
RC 012	8 m/s	38.3	36.8	70	60	OK	OK
RC 014	8 m/s	37.1	35.8	70	60	OK	OK
RC 015	8 m/s	36.7	35.4	70	60	OK	OK
RC 017	8 m/s	41.9	35.4	70	60	OK	OK
RC 018	8 m/s	37.7	36.4	70	60	OK	OK
RC 19	8 m/s	39.4	35.0	70	60	OK	OK
RC 020	8 m/s	37.9	35.5	70	60	OK	OK
RC 023	8 m/s	37.1	35.7	70	60	OK	OK
RC 024	8 m/s	38.5	36.3	70	60	OK	OK
RC 030	8 m/s	40.4	38.7	70	60	OK	OK
RC 031	8 m/s	42.6	42.3	70	60	OK	OK
RC 034	8 m/s	37.3	35.6	70	60	OK	OK
RC 044	8 m/s	45.3	38.9	70	60	OK	OK
RC 045	8 m/s	50.7	39.2	70	60	OK	OK
RC 066	8 m/s	37.4	35.0	70	60	OK	OK
RC 099	8 m/s	45.7	36.4	70	60	OK	OK
RC 106	8 m/s	46.9	40.9	70	60	OK	OK
RC 109	8 m/s	42.1	40.7	70	60	OK	OK
RC 111	8 m/s	52.3	44.8	70	60	OK	OK
RC 124	8 m/s	38.5	37.0	70	60	OK	OK
RC 125	8 m/s	40.0	37.3	70	60	OK	OK
RC 126	8 m/s	40.6	37.7	70	60	OK	OK
RC 127	8 m/s	39.8	37.0	70	60	OK	OK
RC 129	8 m/s	46.3	40.5	70	60	OK	OK
RC 134	8 m/s	39.2	38.4	70	60	OK	OK
RC 138	8 m/s	39.2	37.1	70	60	OK	OK
RC 143	8 m/s	40.4	40.0	70	60	OK	OK
RC 149	8 m/s	40.3	38.1	70	60	OK	OK
RC 150	8 m/s	47.8	39.4	70	60	OK	OK
RC 151	8 m/s	41.9	38.5	70	60	OK	OK
RC 152	8 m/s	42.0	38.3	70	60	OK	OK
RC 153	8 m/s	40.4	35.1	70	60	OK	OK
RC 154	8 m/s	37.5	34.7	70	60	OK	OK
RC 159	8 m/s	39.7	36.8	70	60	OK	OK
RC 165	8 m/s	41.3	36.4	70	60	OK	OK
RC 166	8 m/s	39.7	36.7	70	60	OK	OK
RC 168	8 m/s	36.3	35.0	70	60	OK	OK
RC 169	8 m/s	38.7	37.4	70	60	OK	OK
RC 170	8 m/s	40.3	39.8	70	60	OK	OK
RC 176	8 m/s	36.4	34.7	70	60	OK	OK
RC 179	8 m/s	37.6	36.1	70	60	OK	OK
RC 185	8 m/s	55.6	42.1	70	60	OK	OK
RC 190	8 m/s	36.0	34.8	70	60	OK	OK