

CERTIFICATE OF COMPLIANCE

WIND RESISTANT DESIGN OF NONSTRUCTURAL COMPONENTS AND SYSTEMS



Certification No.

VMA-50365-02C (Revision 11)

Expiration Date: 7/31/2029

Certification Parameters:

The nonstructural products containing non-active components, listed on this certificate are **CERTIFIED¹** FOR WIND APPLICATIONS in accordance with the following building code³ releases.

IBC 2021, 2018, 2015, 2012

The following model designations, options, and accessories are included in this certification. Reference report number **VMA-50365-02** as issued by VMC Group for a complete list of certified models, included accessories/options, and certified installation methods.

Caterpillar; Generator Set Enclosure
C Series Diesel & Gas Fuel Generator Set Enclosures; SL1&2, STD, Weather, Cold Weather

The above referenced non-active components equipment is **APPROVED** for wind application when properly installed², used as intended, and contains a Wind Certification Label referencing this Certificate of Compliance. Installations in essential facilities, for life safety applications, and/or of equipment containing hazardous contents are permitted and included in this certification with an Equipment Importance Factor assigned as $I_p=1.15$. The equipment is qualified by ISO Accredited Product Certification Agency, VMC Group via structural analysis of worst-case representative sample of certified product.

Certified Wind Resistant Design Levels			
Certified IBC	Importance $I_p \leq 1.15$ Exposure Categories B-D Risk Categories I-IV	$V \leq 112$ mph $V \leq 50$ m/s	$V \leq 82$ mph $V \leq 37$ m/s
		$z \leq 15$ ft $z \leq 5$ m	$z \leq 500$ ft $z \leq 152$ m
		Pressure Basis⁴	$\frac{F_h}{A_f} = q_z G C_f =$ 53.03 lbs/ft² 2.65 kPa

Certified Wind Resistant Installation Methods
Rigid Mounting From Unit Base To Rigid Structure

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Certified Product Table:

Model	Type / Description	Material	Wind Velocity @ Z ≤ 15 ft Exposure Category B		Wind Velocity @ Z ≤ 15 ft Exposure Category C		$\frac{F_h}{A_f}$ [psf]
			ASCE 7-16	ASCE 7-10	ASCE 7-16	ASCE 7-10	
C2.2	Sound Attenuated Level 1	Steel	183 mph		150 mph		78.92
C4.4	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 2	Steel					
	Sound Attenuated Level 2	Aluminum					
C6.6	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 2	Steel					
	Sound Attenuated Level 2	Aluminum					
C7.1	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 2	Steel					
	Sound Attenuated Level 2	Aluminum					
CG18 (DG 350 - 500)	Standard	Aluminum	150 mph		123 mph		53.03
	Cold Weather	Aluminum					
	Standard	Steel					
	Cold Weather	Steel					
C9	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 2	Steel					
	Sound Attenuated Level 2	Aluminum					
C13	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 1	Aluminum					
	Sound Attenuated Level 2	Steel					
C15	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 1	Aluminum					
	Sound Attenuated Level 2	Steel					
C18	Weather Protective	Steel					
	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 1	Aluminum					
	Sound Attenuated Level 1	Steel					
C18 Tier 4F	Sound Attenuated Level 1	Steel					
C18 (650-750kW)	Sound Attenuated Level 1	Steel					
	Sound Attenuated Level 1	Aluminum					
	Cold Weather	Steel					
	Cold Weather	Aluminum					



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Revision Date: October 26, 2026
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Level Comparison Table:

C2.2, C4.4, C6.6, C7.1 & CG18 (DG350-500, Aluminum) Gensets

IBC		2021, 2018			2015, 2012		
ASCE		7-16			7-10		
Exposure Category		B	C	D	B	C	D
Velocity ⁵ (mph)	Z ≤ 15 ft	183	150	136	183	150	136
	Z ≤ 500 ft	111	104	100	145	136	132

CG18 (DG350-500, Steel), C9, C13, C15, C18, & C18PD Gensets

IBC		2021, 2018			2015, 2012		
ASCE		7-16			7-10		
Exposure Category		B	C	D	B	C	D
Velocity ⁵ (mph)	Z ≤ 15 ft	150	123	112	150	123	112
	Z ≤ 500 ft	91	85	82	119	112	108



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Notes and Comments:

- The following building codes are addressed under this certification:
 IBC 2021 – referencing ASCE 7-16
 IBC 2018 – referencing ASCE 7-16
 IBC 2015 – referencing ASCE 7-10
 IBC 2012 – referencing ASCE 7-10
- Refer to the manufacturer supplied installation drawings for anchor requirements and mounting considerations for wind applications. Required anchor locations, size, style, and load capacities (tension and shear) are specified on the installation drawings. Mounting requirement details such as anchor brand, type, embedment depth, edge spacing, anchor-to-anchor spacing, concrete strength, special inspection, wall design, and attachment to non-building structures must be outlined and approved by the Engineer of Record for the project or building. Structural walls, structural floors, and housekeeping pads must also be sufficiently designed and approved by the project or building Structural Engineer of Record to withstand the wind anchor loads as defined on the installation drawings. The installing contractor is responsible for observing the installation detailed in the wind installation drawings and the proper installation of all anchors and mounting hardware.
- For this certificate to remain valid, it must correspond to the "Wind Certification Label" found affixed to the unit by the factory. The label ensures the manufacturer built the unit in conformance to the IBC wind design criteria set forth by the Product Certification Agency, The VMC Group, and meets the wind design levels claimed by this certificate.
- The qualified wind design pressure stated is for the horizontal wind pressure for applications utilizing ASCE 7-10, for more detailed ranges of qualified wind design levels, see the report cited on Page 1. This wind design pressure utilizes ASD load combinations.
- Design velocity (highlighted in yellow) was chosen based on the corresponding ASCE 7 wind map. Other velocities were derived from the design pressure resulting from the design velocity.
- Mechanical, Electrical, and Plumbing connections to the equipment must be flexibly attached as to not transfer load through the connection. The structural integrity of any conduit, cable trays, piping, ductwork and/or flexible connections is the responsibility of others. This certification does not guarantee the equipment will remain compliant to UL or NEMA standards after a wind action.
- This certificate applies to units manufactured at
 1720 West Kingsbury Street, Seguin, TX 78155
 Rodovia Luiz de Queiroz, KM 157, S/n - CEP 13420-900, Unileste, Piracicaba, São Paulo, Brazil
- This project follows VMC Group's ISO-17065 Scheme for Product Certification of Nonstructural Components.


 John P. Giuliano, PE
 President, The VMC Group



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