



Certificate of Compliance

Certificate: 2706037

Master Contract: 174769

Project: 70214063

Date Issued: 2019-07-29

Issued To: Tiger-Vac International Inc.
2020 Boul Dagenais O
Laval, Quebec, H7L 5W2
Canada

Attention: Stéphane Briquet

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: Siros Ghanbar-zadeh
Siros Ghanbarzadeh



PRODUCTS

CLASS - C161801 - CLEANING MACHINES For Hazardous Locations

CLASS - C161881 - CLEANING MACHINES For Hazardous Locations - Certified to US Standards

Class II, Division 2, Groups F and G.

Portable Vacuum Cleaners Commercial, grounded, cord-connected, indoor use only, max. ambient 30°C:
Rated as follow:

- Dry pick up or Wet/Dry pick-up:
 1. Single motor models CWR-xx EX yy
1200W, 120Vac, 60Hz (with motor 116763 – 1200W)
900W, 120Vac, 60Hz (with motor 116758 – 1000W)
1100W, 120Vac, 60Hz (with motor 792.3.270-772 – 1100W)



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- Dry pick-up:
 1. Single motor models C-xx EX yy or C-xx EX SK yy
1200W, 120Vac, 60Hz (with motor 116763 – 1200W)
900W, 120Vac, 60Hz (with motor 116758 – 1000W)
1100W, 120Vac, 60Hz (with motor 792.3.270-772 – 1100W)
 2. Dual motor models 4D-xx EX yy or 4D-xx EX SK yy
2000W Max., 120Vac, 60Hz

The nomenclature used for the models where:

CWR	Clean & White Rooms use
C	Single motor models which are intended for commercial and industrial use
4D	Dual motor models which are intended for commercial and industrial use
xx	Recovery capacity / recovery tank size
EX	Class II, Division 2, Groups F and G hazardous locations use
yy	Combination of numerals and letters denoting the type of carriage (ex.: 4W stands for four wheels) and/or the type of filtration system(ex.: MFS stands for Manual Filter Shaker)
SK	Sanding Kit. Models assembled with the optional power module

Conditions of Acceptability:

1. An attachment plug Certified/Listed for at least Class II, Division 2, Groups F and G hazardous locations or Class II, Division 1, Group F and G must be installed.
2. All exposed non-current carrying metal parts including metallic attachments shall be properly bonded to ground.
3. All wheels, hoses, attachments and recovery tank shall be conductive type and properly bonded and grounded.
4. The vacuum cleaner is not for use to pick flammable or combustible liquid, such as, gasoline or use in area where flammable or combustible liquid or combustible gases/vapors may be present.
5. The maximum working pressure when using Sanding Kit (SK option) shall not exceed 90psi.
6. The “C” and “US” indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This “US” indicator includes products eligible to bear the “NRTL” indicator, NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification TO U.S. Standards.



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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91 (R2001)	General Requirements – Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 243-10, 4 th Ed ANSI/UL Std. No. 1017, 8 th Ed.	Vacuum Cleaners, Blower Cleaners and Household Floor Finishing Machines (Bi-national standard with UL)
CSA C22.2 No. 213-15 ANSI/ISA-12.12.01-2015	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

ON APPLIANCE:

- Submitter's name or trademark "TIGER-VAC" or file number "LR 60825" or Master Contract Number 174769 adjacent to the CSA Mark
- Model designation
- Electrical rating in volts, hertz and amps
- Date code or serial number or equivalent
- CSA Mark with the c/us indicator shall be permanently marked on a metal nameplate riveted to the powerhead.
- Hazardous locations designation Class II, Division 2, Groups F and G

The following Warnings are marked in French and English on the Appliance

WARNING high leakage current - ensure proper grounding.

To Reduce The Risk Of Electric Shock – Do not use outdoors or on wet surfaces. Do not expose to rain. Store indoors.

WARNING: Do not pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.



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WARNING: Do not to perform any action on insulating items which could lead to any electrostatic charge accumulation, and to reduce electrostatic hazard the vacuum cleaner surfaces shall be cleaned with a water damped cloth.

Note: Only on SK models:

WARNING: The maximum working air pressure when using Sanding Kit (SK option) shall not exceed 90psi.

Other **WARNING** include (i) empty the recovery tank and clean the inside of the parts of the vacuum cleaner and hoses after each use (max 8 hours shift). (ii) not for use in a Class II, Division 1 area (iii) refer to instructions for safe use.

Note: A cautionary marking shall be prefixed by a signal word DANGER, WARNING or CAUTION. The marking shall be in letters not less than 3/32-in (2.4-mm) high. The signal word shall be more prominent than any other required marking on the appliance.



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70214063	2019-07-29	Update report 2706037 to include brushless Domel Motor as an option
70181073	2018-04-23	Update to CSA-c-us Report 2706037 to remove the following condition from certificate: "The vacuum cleaner is not for use to pick up conductive metal dust, such as, aluminium dust".
70155294	2017-09-28	Update CSA-c-us report 2706037 for minor changes to Model CWR-xx EX AND C-xx EX.
70024138	2015-08-07	Evaluation of 4D, C10-SK models with power module according to marked-up report for cCSAus for Class II Division 2 Group F and G.
70023670	2015-02-12	Update to report to correct some minor errors in the report and CofC based on client's request. Note 5 in product description will be changed from conductive dust to conductive metal dust and Note 6 has been added in both the report and CofC.
2706037	2014-12-10	HAZ 130593: Evaluation for cCSAus certification of Portable Vacuum Cleaner for wet and dry recovery for Class II Div.2 Groups F and G.