

Motor Data
P/N 46325



LOW-VOLTAGE MOTOR,
NEMA 3 PHASE SQUIRREL CAGE MOTOR
HAZARDOUS DUTY XP100
CAST-IRON HOUSING NP EFFICIENCY,
TEFC (IP54) 4 POLE * FS 145T 2 HP (60 HZ) 208-230V/460V FOOT
MOUNTED F-1,2 THERMOSTATS, KLIXON,
NORMALLY CLOSED FLOOR F-1

SIEMENS

Installation • Operation • Maintenance

Instructions

Induction Motors
143-449 Frame

NMIM-L1000

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These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the local Siemens Sales Office.

The contents of this instruction manual shall not become part or modify any prior or existing agreement, commitment or relationship. The sales contract contains the entire obligation of Siemens. The warranty contained in the contract between the parties is the sole warranty of Siemens. Any statements contained herein do not create new warranties or modify the existing warranty.

INTRODUCTION

THIS EQUIPMENT CONTAINS HAZARDOUS VOLTAGES, ROTATING PARTS AND HOT SURFACES. SEVERE PERSONAL INJURY OR PROPERTY DAMAGE CAN RESULT IF SAFETY INSTRUCTIONS ARE NOT FOLLOWED. ONLY QUALIFIED PERSONNEL SHOULD WORK ON OR AROUND THIS EQUIPMENT AFTER BECOMING THOROUGHLY FAMILIAR WITH ALL WARNINGS, SAFETY NOTICES, AND MAINTENANCE PROCEDURES CONTAINED HEREIN. THE SUCCESSFUL AND SAFE OPERATION OF THIS EQUIPMENT IS DEPENDENT UPON PROPER HANDLING, INSTALLATION, OPERATION AND MAINTENANCE.

QUALIFIED PERSON

For the purpose of this manual and product labels, a qualified person is one who is familiar with the installation, construction and operation of the equipment, and the hazards involved. In addition, he has the following qualifications:

- a) Is trained and authorized to energize, de-energize, clear, ground and tag circuits and equipment in accordance with established safety practices.
- b) Is trained in the proper care and use of protective equipment such as rubber gloves, hard hat, safety glasses or face shields, flash clothing, etc., in accordance with established safety practices.



DANGER

For the purpose of this manual and product labels, DANGER indicates death, severe personal injury or substantial property damage will result if proper precautions are not taken.



WARNING

For the purpose of this manual and product labels, WARNING indicates death, severe personal injury or substantial property damage can result if proper precautions are not taken.



CAUTION

For the purpose of this manual and product labels, CAUTION indicates minor personal injury or property damage can result if proper precautions are not taken.

INSPECTION

Care is taken at the factory to assure that the motor arrives at its destination in first class condition. If there is evidence of rough handling or damage in shipping, file a claim at once with the carrier and notify your Siemens Sales Office.

Examine the outside of the motor carefully for damage, with particular attention to conduit box, fans, and covers. Inspect and tighten all hardware and accessories which may have become loosened during shipping and handling. Turn the shaft by hand to be sure that it rotates freely. If the motor has been mishandled sufficiently to break external parts, the end shield should also be removed to check for internal damage unless the motor is explosion-proof. See warning below on explosion proof motors.



WARNING

Explosion-proof motors—these motors are constructed to comply with the U.L. Label Service Procedure Manual. When repairing and reassembling a motor that has an underwriter's label, it is imperative that the unit be reinspected and:

1. All original fits and tolerance be maintained.
2. All plugs and hardware be securely fastened.
3. Any parts replacements, including hardware, be accurate duplicates of the originals.

Repair work on explosion-proof motors can only be done by the original manufacturing or U.L. certified shops. Violations of any of the above items will invalidate the significance of the U.L. Label.

STORAGE

Motors must be stored in a clean, dry, well ventilated location free from vibration and rapid or wide temperature variations. If the unit is to be stored longer than three months, consult factory. Ball bearing motors are shipped from the factory properly lubricated and ready to operate. When in storage, the motor shaft must be turned several rotations every month and the bearing relubricated every year. On non-explosion-proof TEFC motors, a removable plug in the bottom of the frame or housing permits removal of accumulated moisture. Drain regularly if storage atmosphere result in formation of condensation.

INSTALLATION

Installation must be handled by qualified service or maintenance personnel. The motor foundation must rigidly support all four feet in the same plane. Place shims under the motor feet, as required, so they will not be pulled out of plane when mounting bolts are tightened. All wiring to the motor and control must be in accordance with the National Electrical Code and all local regulations. Before drive is connected, momentarily energize motor to check that direction of rotations proper. For direct drive, accurate alignment is 0.004 inch/ft. (radius to dial indicator = one foot.)

Any change in shims requires rechecking alignment. When alignment is within limits, dowel two feet of each unit. When installing flat belt pulley, V-belt sheave, spur or helical pinion or chain drives, be certain that they are within NEMA limitations. Refer to NEMA motor and general standards, MG-1 14.07 and 14.42.

OPERATION

Repeated trial starts can overheat the motor and may result in motor burnout (particularly for across the line starting). If repeated trial starts are made, allow sufficient time between trials to permit heat to dissipate from windings and rotor to prevent overheating. Starting currents are several times running currents, and heating varies as the square of the current.

After installation is completed, but before motor is put in regular service, make an initial start as follows:

1. Check motor starting and control device connections against wiring diagrams.
2. Check voltage, phase, and frequency of line circuit (power supply) against motor nameplate.
3. If possible, remove external load (disconnect drive) and turn shaft by hand to ensure free rotation. This may have been done during installation procedure; if so, and conditions have not changed since, this check may not be necessary.
 - a. If drive is disconnected, run motor at no load long enough to be certain that no unusual conditions develop. Listen and feel for excessive noise, vibration, clicking, or pounding. If present, stop motor immediately. Investigate the cause and correct before putting motor in service.
 - b. If drive is not disconnected, interrupt the starting cycle after motor has accelerated to low speed. Carefully observe for unusual conditions as motor coasts to a stop.
4. When checks are satisfactory, operate at minimum load and look for unusual condition. Increase load slowly to maximum. Check unit for satisfactory operation.



CAUTION

Guard against overloading. Overloading causes overheating and overheating means shortened insulation life. A motor subjected to a 10°C temperature rise above the maximum limit for the insulation may cause the insulation life to be reduced by 50%. To avoid overloading, be sure motor current does not exceed nameplate current when nameplate voltage is applied.

Electric motors operating under normal conditions become quite warm. Although some places may feel hot to the touch, the unit may be operational within limits. Use a thermocouple to measure winding temperature when there is any concern.

The total temperature, not the temperature rise, is the measure of safe operation. Investigate the operating conditions if the total temperature measured by a thermocouple placed on the winding exceeds:

- 230°F (110°C) for class "B" insulation
- 275°F (135°C) for class "F" insulation
- 302°F (150°C) for class "H" insulation

VOLTAGE REGULATION

Motors will operate successfully under the following conditions of voltage and frequency variation, but not necessarily in accordance with the standards established for operation under rated conditions:

- a. When the variation in voltage does not exceed 10% above or below normal, with all phases balanced.
- b. When the variation in frequency does not exceed 5% above or below normal.
- c. When the sum of the voltage and frequency does not exceed 10% above or below normal (provided the frequency variation does not exceed 5%).

MAINTENANCE

Failure to properly maintain the equipment can result in severe personal injury and product failure. The instructions contained herein should be carefully reviewed, understood and followed. The following maintenance procedures should be performed regularly:

1. Bearing lubrication
2. Insulation resistance check
3. Cleaning

This checklist does not represent an exhaustive survey of maintenance steps necessary to ensure safe operation of the equipment. Particular applications may require further procedures. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the local Siemens Sales Office.

Dangerous voltages are present in the equipment which can cause severe personal injury and product failure. Always de-energize and ground the equipment before maintenance. Maintenance should be performed only by qualified personnel.

The use of unauthorized parts in the repair of the equipment, tampering by unqualified personnel, or removal or alteration of guards or conduit covers will result in dangerous conditions which can cause severe personal injury or equipment damage. Follow all safety instructions contained herein.

BEARING LUBRICATION



CAUTION

Do not lubricate motor while in operation, since excess grease will be forced through the bearings and into the motor before it will force its way out of the drain plug. Excess grease accumulation on windings reduces insulation life.

Bearing life is assured by maintaining proper alignment, proper belt or chain tension, and good lubrication at all times.

Prior to shipment, motor bearings are lubricated with the proper amount and grade to provide six months of satisfactory service under normal operation and conditions.

For best results, grease should be compounded from a polyurea base and a good grade of petroleum oil. It should be of No. 2 consistency and stabilized against oxidation. Operating temperature range should be from -15°F to +250°F for class B insulation, and to +300°F for class F and H. Most leading oil companies have special bearing greases that are satisfactory.

Relubricate bearings every six months (more often if conditions require), as follows:

1. Stop the motor. Lock out the switch.
2. Thoroughly clean off pipe plugs and remove from housings.
3. Remove hardened grease from drains with stiff wire or rod.
4. Add grease to inlet with hand gun until small amount of new grease is forced out of drain.
5. Remove excess grease from ports, replace inlet plugs, and run motor 1/2 hour before replacing drain plug.
6. Put motor back in operation.

INSULATION RESISTANCE

Check insulation resistance periodically. Any approved method of measuring insulation resistance may be used, provided the voltage across the insulation is at a safe value for the type and condition of the insulation. A hand cranked megger of not over 500 volts is the most convenient and safest method. Standards of the Institute of Electrical and Electronics Engineers, Inc. (IEEE) recommended that the insulation resistance of stator windings at 75°C, measure at 500 volts DC, after one minute should not be less than:

$$\frac{\text{Rated voltage of machine} + 1000}{1000} = \text{Insulation resistance in Megohms}$$

This formula is satisfactory for most checks. for more information, see IEEE Standard No. 43, "Recommended Practice for Insulation Resistance Testing of AC Rotating Machinery."

CLEANING



WARNING

Do not attempt to clean motor while it is operating.. Contact with rotating parts can cause severe personal injury or property damage. Stop the motor and lock out switch before cleaning.

The motor exterior must be kept free of oil, dust, dirt, water, and chemicals. For fan cooled motors, it is particularly important to keep the air intake openings free of foreign material. Do not block air outlet or inlet.

On non-explosion-proof TEFC motors, a removable plug in the bottom center of the motor frame or housing permits removal of accumulated moisture. Drain regularly.

VERTICAL MOTOR THRUST BEARINGS

Top bearings — high external thrust from the driven unit is usually carried by the top bearing or bearings. If replacement is necessary, the new bearing must be the same size and type as the original. Duplex bearings must also be the same type and mounted in an identical manner. When angular contact type bearings are replaced, the new bearing must have the same thrust capacity.

Bottom bearings — grease lubricated lower bearings adequately lubricated at the factory for at least three months operation. The relubrication procedure is the same as outlined above under "Bearing Lubrication." It is important to maintain the lower cavity full of grease at all times.

The correct replacement bearings are given on the nameplate by AFBMA (Anti-Friction Bearing Manufacturers Association) number.

SERVICE

For immediate action on your motor problems call your certified service center or contact your nearest Siemens District Office.



Certificate of Compliance

Certificate: 2345436

Master Contract: 153422

Project: 2414212

Date Issued: April 15, 2011

Issued to: Siemens, Sociedad Anonima de
Capital Variable Siemens SA de CV
Fabrica Guadalajara
Camino a la Tijera 1
Km 3.5 Carretera Guadalajara-Moreli
Tlajomulco de Zuniga, Jalisco 45640
Mexico
Attention: Carlos Crabtree

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.



Ezio Migliozi

Issued by: Ezio Migliozi

PRODUCTS

CLASS 4228 01 - MOTORS AND GENERATORS - For Hazardous Locations

CLASS 4228 81 - MOTORS AND GENERATORS - For Hazardous Locations - Certified to US Standards

Class I, Groups C and D; Class II, Groups E, F and G; T3B/T3C

XP100 Series squirrel cage induction motors, TEFC, Frame Sizes 143 to 449; Rated 300 Hp max, 600V max, 3 ph, 50/60Hz, 3600 Rpm max, 2, 4, 6 and 8 pole; insulation Class F or H; Service Factor 1.0 and 1.15 sinusoidal power and 1.0 on inverter power; with CSA Certified temperature limiting devices.

Class I, Group D; T2A/T2B/T2C



Certificate: 2345436

Master Contract: 153422

Project: 2414212

Date Issued: April 15, 2011

XP100 ID1 Series squirrel cage induction motors, TEFC, Frame Sizes 143 to 449; Rated 300 Hp max, 600V max, 3 ph, 50/60Hz, 3600 Rpm max, 2, 4, 6 and 8 pole; insulation Class F or H; Service Factor 1.0 and 1.15 sinusoidal power and 1.0 on inverter power.

Notes:

- a) Motors are followed by suffixes T, TC or TZ which denote length of shaft or length of shaft and flange design, respectively.
- b) XP100 ID1 Series motors are provided without temperature limiting devices.
- c) For frame sizes versus Maximum HP rating, see table 1.
- d) For use with Inverter Duty application, Variable Torque 20:1(XP100 Series) or Variable Torque 100:1 (XP100 ID1 Series)
- e) For use with Inverter Duty application, Constant Torque 4:1
- f) Constant HP (see table 2)
- g) Service factor for XP100 Series, frame sizes 364 through 447: 1.0 and 1.15 on sinusoidal power and 1.0 on inverter power; Frame size 449: 1.0 on sinusoidal and inverter power.
- h) Service factor for XP100 ID1 Series, frame sizes 364 through 449: 1.0 and 1.15 on sinusoidal and inverter power.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0-10 - General Requirements - Canadian Electrical Code Part II.

CSA Std C22.2 No. 30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.

CSA Std C22.2 No. 100-04 - Motors and generators

CSA Std C22.2 No. 145-M1986 - Motors and Generators for Use in Hazardous Locations Class I, Groups C & D, Class II Groups E, F and G.

NFPA 70 - US National Electric Code

UL 674, 4th Edition- UL Standard for Safety for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations

UL 1004, 5th Edition - Electric Motors



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MARKINGS

The marking shall be permanent, such as a 0.5 mm thick metal nameplate secured by drive pins or screws in bottomed holes, cast, etched, or engraved.

- Manufacturers name;
- Model or type designation or equivalent;
- Rated voltage;
- Frequency in Hertz;
- Rated amperes;
- Number of phases;
- Service factor (if different than unity);
- Rated speed;
- Insulation system code;
- Horsepower rating;
- Maximum ambient temperature;
- Hazardous locations designation;
- Temperature Code Rating
- Space heater nameplate (when applicable) shall be marked with voltage and watts ratings;
- Enclosure Type designation: TEFC
- The warning "CAUTION: USE SUPPLY WIRES SUITABLE FOR 150 °C"
- The warning "CAUTION: OPEN ALL CIRCUITS BEFORE REMOVING COVER"
- Date code or equivalent;
- Temperature limiting device Type and associated connection (Where applicable);
- CSA Monogram with C/US subscript
- Machine application (e.g. inverter-duty motor), (where applicable);



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-Speed range over which the machine is designed to operate, or if marked with a nominal speed at a nominal frequency, the frequency range for which the machine is designed to operate; (where applicable);

-Type(s) of torque application for which the machine is designed (e.g. VT (variable torque), CT (constant torque), CHP (constant horsepower); (where applicable);

-Types of inverter with which the machine is intended to be used (e.g. VPWM (voltage source pulse width modulated) (where applicable);

Certificate of Verification

Certificate: 2313253 (EEV101783)

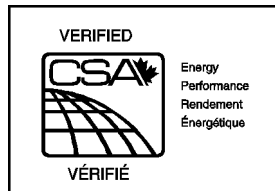
Master Contract: 153422

Project: 2313253

Date Issued: 2010-12-20

Issued to: Siemens, Sociedad Anonima de
Capital Variable Siemens SA de CV
Fabrica Guadalajara
Camino a la Tijera 1
Km 3.5 Carretera Guadalajara-Moreli
Tlajomulco de Zuniga, Jalisco 45640
Mexico
Attention: Mr. Luis Alberto Zermenio

The Motor listed below are eligible to bear the CSA EEV Mark shown



Issued by: Suhwan. Ahn

PRODUCTS

Class 8811-01 - ENERGY EFFICIENCY - MOTORS - Three Phase Induction

Class 8811-81 - ENERGY EFFICIENCY - MOTORS - Three Phase Induction – US Requirements

Energy Efficiency Verification of three phase induction motors, Premium Efficiency, Type XP100, XP100 ID1, 600V max., 60Hz, Enclosure TEFC, NEMA frame sizes 143 to 449, NEMA design A or B

Nominal efficiency values in percent at full load as follows:

Output hp	2 pole Efficiency (%)	4 pole Efficiency (%)	6 pole Efficiency (%)
1	82.5	85.5	82.5
1.5	84.0	86.5	87.5
2	85.5	86.5	88.5
3	86.5	89.5	89.5
5	88.5	89.5	89.5
7.5	89.5	91.7	91.0
10	90.2	91.7	91.0
15	91.0	92.4	91.7

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Project: 2313253

Date: 2010-12-20

20	91.0	93.0	91.7
25	91.7	93.6	93.0
30	91.7	93.6	93.0
40	93.6	94.1	94.1
50	93.6	94.5	94.1
60	93.6	95.0	94.5
75	94.1	95.4	94.5
100	94.1	95.4	95.0
125	95.0	95.4	95.0
150	95.0	95.8	95.8
200	95.4	96.2	95.8
250	95.8	96.2	95.8
300	95.8	96.2	--

Energy Efficiency Verification of three phase induction motors, Energy Efficient, Type XP100, XP100 ID1, 600V max., 60Hz, Enclosure TEFC, NEMA frame sizes 143 to 449, NEMA design A or B

Nominal efficiency values in percent at full load as follows:

Output hp	8 pole Efficiency (%)
1	81.5
1.5	82.5
2	84.0
3	85.5
5	86.5
7.5	87.5
10	90.2
15	91.0
20	91.0
25	91.0
30	91.7
40	91.7
50	92.4
60	92.4
75	93.6
100	94.1
125	94.1
150	94.1
200	94.5

APPLICABLE REQUIREMENTS

- CSA Standard CAN/CSA C390-98 Energy Efficiency Test Methods for Three-Phase Induction Motors
- CSA Standard CAN/CSA C390-93 Energy Efficiency Test Methods for Three-Phase Induction Motors



CSA INTERNATIONAL

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Certificate: 2313253

Master Contract: 153422

Project: 2313253

Date: 2010-12-20

- Department of Energy - Office of Energy Efficiency - 10 CFR 431 - Energy Efficiency Program for Certain Commercial and Industrial Equipment and Test Procedures, Labeling, and Certification Requirements for Electric Motors; Final Rule.



ASOCIACIÓN DE NORMALIZACIÓN
Y CERTIFICACIÓN, A.C.

CERTIFICADO DE CONFORMIDAD DE PRODUCTO

Certificado No.: **201501C02683**

Este Certificado sustituye al Certificado número: 201401C02475

Página 1 de 2

La Asociación de Normalización y Certificación, A.C., en su carácter de organismo de Certificación de Producto acreditado y aprobado en los términos de la Ley Federal sobre Metrología y Normalización (LFMN), de conformidad con los artículos 1, 2, 3 fracciones III, IV-A, XII, XV-A, 38 fracción VI, 52, 53, 68, 70, 70-C, 73, 74, 79, 80, y demás relativos y aplicables de la misma Ley, así como de su respectivo reglamento, con número de Acreditación 01/10 vigente a partir del 09/03/2010, en atención a la solicitud con número de Referencia **2011MOT00351/4** de acuerdo al procedimiento de Certificación **PROPARCER-04** de ANCE, y con base en el (los) informe(s) de prueba(s) No(s): **M7296-I007/15, M7297-I011/15**, otorga el presente Certificado de Conformidad de Producto a:

Titular: **SIEMENS, S.A. DE C.V.**

Nombre genérico :	<u>MOTOR DE INDUCCIÓN TRIFÁSICO</u>
Tipo(s):	<u>JAULA DE ARDILLA</u>
Subtipo(s):	<u>CERRADO HORIZONTAL Y VERTICAL</u>
Marca(s):	<u>SIEMENS</u>
Categoría:	<u>NUEVO</u>
Modalidad:	<u>PROCEDIMIENTO ANCE</u>
Fabricado y/o importado y/o comercializado por:	<u>SIEMENS, S.A. DE C.V.</u>
Bodega :	<u>CAMINO A LA TIJERA km 3,5 No. 1 INT. S/N COL. CARRETERA GUADALAJARA-MORELIA DEL. TLAJOMULCO DE ZUÑIGA C.P. 45640 JALISCO</u>
Fábrica:	<u>CAMINO A LA TIJERA km 3,5 No. 1 INT. S/N COL. CARRETERA GUADALAJARA-MORELIA DEL. TLAJOMULCO DE ZUÑIGA C.P. 45640 JALISCO</u>
País(es) de origen:	<u>MEXICO, ESTADOS UNIDOS DE AMERICA</u>
Modelo(s):	GP100, GP100A, JM100, SD100, SD100 IEE, SD100 IEEE841, XP100, XP100 1D1
Especificaciones:	Número de fases: 3 Número de polos: 2, 4, 6 y 8 Frecuencia: 60 y/o 50 Hz Tensión nominal: 220 V, 380 V, 440 V, 220/440 V, 230 V, 230/460 V, 208 V, 208-230/460V, 575 V Intervalo de potencia nominal: 0,746 kW a 3,730 kW (1 a 5 HP) Eficiencia obtenida para los modelos evaluados: MODELO: SD100 (2,238 kW (3 HP) / 6 polos): 90,3 % MODELO: GP100 (0,746 kW (1 HP) / 4 polos): 84,4 %



ASOCIACIÓN DE NORMALIZACIÓN
Y CERTIFICACIÓN, A.C.

CERTIFICADO DE CONFORMIDAD DE PRODUCTO

Certificado No.: **201501C02683**

Este Certificado sustituye al Certificado número: 201401C02475

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De conformidad con la Norma **NOM-016-ENER-2010**, publicada en el Diario Oficial de la Federación, el **01 de enero de 2010**, se expide el presente Certificado en México, D.F., el día **04 de abril de 2015**, con vigencia hasta el día **03 de abril de 2016**, para los efectos que convenga al interesado, y al amparo de las cláusulas indicadas al reverso.

ATENTAMENTE

ING. LUIS FUENTES BACA
JEFE DE OPERACIONES

Elaborado por: GADG

Supervisado por: JAL

Con base en el artículo 76 de la Ley Federal sobre Metrología y Normalización y 83 de su reglamento, así como también en lo dispuesto en la norma oficial mexicana NOM-106-SCFI-2000 "Características de diseño y condiciones de uso de la contraseña oficial", los productos amparados por esta certificación deberán, según el caso, ostentar la contraseña que denota el cumplimiento con la Norma Oficial Mexicana vigente y aplicable cuando así proceda.



CLAÚSULAS:

1. La contraseña oficial NOM y la marca ANCE deberá ostentarse, mediante etiquetas, estampado y otro procedimiento que la haga ostensible e indeleble en cada unidad de los productos que ampara este certificado.
2. El titular de este certificado se compromete a respetar las condiciones de uso, tanto del propio certificado como de la contraseña oficial NOM y/o la marca ANCE.
3. El titular del certificado debe garantizar que los productos certificados, que ostentan la contraseña oficial NOM y marca ANCE, cumplen con las especificaciones establecidas en la Norma Oficial Mexicana aplicable.
4. Ni este certificado, ni el uso de la contraseña oficial NOM y la marca ANCE, sustituyen en ningún caso la garantía del cumplimiento de producto en los términos de la legislación y las normas aplicables en vigor.
5. El certificado será cancelado, cuando:
 - Las especificaciones técnicas en las que se basa el certificado dejan de ser aplicables
 - Se incurra en mal uso del certificado o de la marca ANCE
 - Se incurra en un incumplimiento con la norma aplicable, durante el plazo de vigencia establecido en el certificado.
 - Sea solicitado por escrito, por parte del titular del certificado.
6. Todo empleo indebido del certificado, ya sea del titular o de un tercero, dará derecho a una acción legal o judicial por parte de ANCE
7. La fracción arancelaria es responsabilidad total del solicitante o titular del certificado.
8. El titular de la certificación debe informar a ANCE de cualquier cambio en su estructura dirección, propietarios o representantes legales de la empresa.