



Certificate of Compliance

Certificate: 1019302

Master Contract: 166631

Project: 80007398

Date Issued: 2019-08-05

Issued To: Moteurs Leroy-Somer SAS
Boulevard Marcellin Leroy
CS 10015
Angoulême Cedex 9, Charente, 16915
France

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: Ioan Goga
Ioan Goga, P. Eng.



PRODUCTS

CLASS - C421101 - MOTORS AND GENERATORS

CLASS - C421181 - MOTORS AND GENERATORS Certified to US Standards

Alternators, shunt and AREP excitation, self-regulated, guarded type or standard machine without terminal box, horizontal or vertical, foot or flange mounting, up to 1600kW max continuous 1696kW max stand-by rating at 0.8 or 1.0 power factor, 600V or less, 1 or 3 phase, 50 or 60Hz, Class F or H insulation, Types :

- a) **LSA#40**, or
L#11, or
AT00263, **AT00310**, **AT00351**, **AT00390**, **AT00440** and **AT00521**, or
KH00263, **KH00310**, **KH00351**, **KH00390**, **KH00440** and **KH00521**;

- b) **LSA#42.2**, or
L#10;



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- c) **LSA#42.3**, or
L#15, or
AT00370, AT00405, AT00461, AT00600, AT00601, AT00682, AT00720 and AT00810, or
KH00370, KH00405, KH00461, KH00600, KH00601, KH00682, KH00720 and KH00810;
 - d) **LSA#43.2**, or
L#20, or
AT00531, AT00532, AT00533, AT00580, AT00690, AT00830 and AT00971, or
KH00531, KH00532, KH00533, KH00580, KH00690, KH00830 and KH00971;
 - e) **LSA#44.2**, or
L#30, or
AT00900, AT01130, AT01131, AT01370 and AT01600, or
KH00900, KH01130, KH01131, KH01370 and KH01600;
 - f) **LSA#44.3**, or
L#31, or
AT00750, AT00751, AT00910, AT00911, AT01050, AT01190 and AT01340, or
KH00750, KH00751, KH00910, KH00911, KH01050, KH01190, KH01340, KH01341, KH01680 and KH01681;
 - g) **LSA#46.2**, or
L#50, or
AT01132, AT01310, AT01512, AT01800 and AT02260, or
KH01132, KH01310, KH01512, KH01800 and KH02260;
 - h) **LSA#46.3**, or
L#51, or
AT01100, AT01200, AT01420, AT01421, AT01640, AT01641; AT02100 and AT02101, or
KH01100, KH01200, KH01420, KH01421, KH01640, KH01641; KH02100 and KH02101;
 - i) **LSA#47.2**, or
L#61, or
AT01630, AT01741, AT02070, AT02450, AT02610 and AT02880, or
KH01630, KH01741, KH02070, KH02450, KH02610 and KH02880;
 - j) **LSA#49.1**, or
L#70, or
AT02400, AT02640, AT03000, AT03001, AT03002, AT03300, AT03602, AT03603 and AT03600, or
KH02400, KH02640, KH03000, KH03001, KH03002, KH03300, KH03602, KH03603 and KH03600;
 - k) **LSA#49.1L11**, or
L#71, or
AT03601, or
KH03601;



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- l) **LSA#49.3**, or
L#72, or
AT02401, AT02850, AT03003, AT03390 and AT03542, or
KH02401, KH02850, KH03003, KH03390 and KH03542;

 - m) **LSA#50.2**, or
L#82, or
AT02971, AT03541, AT03890, AT04450, AT05090, or
KH02971, KH03541, KH03890, KH04450, KH05090, or
MG-L50M6, MG-L50M68, MG-L50L7, MG-L50L78, MG-L50L8, MG-L50L88, MG-L50V1, MG-L50V18;

 - n) **LSA#51.2**, or
LSA#52.2, or
L#9x;

 - o) **14xx**;

 - p) **16xx**.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 100-14	-	Motors and Generators
UL 1004-1, 2 nd Ed.	-	Rotating Electrical Machines – General Requirements
UL 1004-4, 2 nd Ed.	-	Electric Generators



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
80007398	2019-08-05	Update of report 1019302 for addition of alternate models under Series LSA 44.3.
000070112102	2017-03-24	Update of report 1019302 for addition of alternator types LSA#46.3 and LSA#49.3, alternate components and alternate designations “KH” and “MG-L”.
0002770534	2014-11-20	Addition of AT alternate designation to LSA alternators covered in the report and specification of AREP designated excitation (already accepted) instead of compound excitation in the product description. To the requirements of CSA C22.2 No. 100-14.
0002695044	2014-02-14	Addition of Alternators, Type LSA 44.3 or L#31. To the req. of Stds. CSA C22.2 No. 100-04, UL1004-1, 2nd Ed. and UL 1004-4, 2nd Ed.
0002448869	2012-06-21	Addition of alternators, types LSA#42.3 or L#15, LSA#51.2 or LSA#52.2 or L#9x and 16xx and delisting of alternators, types: LSA#37, LSA#41.1, LSA#41.2, LSA#42.1, AA# or LSA#44.1, AA# or LSA#46.1 and AA# or LSA#47.1 or L#60.
0002285518	2010-04-23	Addition of alternator type LSA 40/L#11 and increase of power for type LSA 49.1 (from 874 kW to 1000 kW continuous).
0001934823	2007-10-25	Addition of alternators type LSA 50.2 and 1400.
0001880999	2007-06-07	Addition of alternate components in report 1019302.
0001520837	2004-03-23	Alternate construction LSA 49.1 and LSA 44.2, new model LSA 47.2.
History		
1299403	2002-03-14	Update to report.
1160342	2001-01-23	Alternators with dedicated single phase winding.



1094522	2000-06-19	Marking, stator leads, insulating sleeves, introduction of LSA 46.2 and Derived products.
1019302	2000-01-14	Addition of compliance to UL2200 standard. <i>Originally issued as 2500002503.</i>
LR 57008-62	1998-04-06	<i>Report 166631-1019302 supersedes report LR 57008-62.</i> First edition. <i>Report LR 57008-62 is superseded by report 166631-1019302.</i>