Declaration of Incorporation
(According to Machinery Directive 98/37/EC art. 4.2 and Annex II, Sub B)

Manufacturer : ABB Industry Oy

Address : Hiomotie 13, P.O Box 184, FIN-00381 Helsinki, Finland.

hereafter declares that the product:

Frequency converter ACS 611 series with power range from
11 kW to 55 kW and type marking ACx 611, where ACx can be
ACS, ACP or ACC

is intended to be incorporated into machinery to constitute machinery covered by the EEC
directive 98/37/EC;

does therefore not in every respect comply with the provisions of this directive;

and that the following harmonised European standard has been applied:

EN 60204-1 (1992 + corr. 1993, except as specified in Annex I)
Safety of machinery - Electrical equipment of machines- Part 1: general
requirements

and that the following clauses of technical standards and specifications have been used:

EN 60529: 1991 (IEC529), IEC 664-1: 1992

and furthermore declares that

it is not allowed to put the equipment into service until the
machinery into which it is to be incorporated or of which it is to be
a component has been found and declared to be in conformity
with the provisions of the Directive 98/37/EC and with national
implementing legislation, i.e. as a whole, including the equipment
referred to in this Declaration.

Helsinki, 1999-07-08

Vesa Laiisi
General Manager
ABB Industry Oy
Drives, Component AC-division

Annex I is a part of this declaration

PDM code : 00025875.DOC
ET code : 3.AFE 6418 7643 rev A
Annex I Declaration of Incorporation according to Machinery Directive 98/37/EC art. 4.2 and Annex II, Sub B

Additional information (Referred to EN 60204-1)

4.4.2 The output current of ACx 611, has to be derated at higher ambient temperatures. The derating curves are presented in ACS/ACC/ACP 611 Frequency Converters - Supplement, Appendix A page A-2 enclosed to ACS 611 Technical Construction File (LVD).

4.4.5 Enclosure class is IP22

5.3.1 ACx 611 doesn't have the supply-disconnecting device. This device is a part of the machine.

6.1 External du/dt-Filters NOCHxxxx-60 have enclosure class IP00. They are installed to separate casing by purchaser. Notice: External du/dt-Filters NOCHxxxx-62 have enclosure class IP22. External du/dt-Filters NOCHxxxx-65 have enclosure class IP54.

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6.2.3 In the device there is a warning text inside, concerning residual voltage and safe opening moment of the enclosure cover. Notice: The enclosure cover is fixed by screws

9.2.5.4 There is no option to an emergency-stop device in ACx 611. The final assembler of the machine is responsible for installing an emergency-stop device.

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13.3 Enclosure classes are IP 22.

20.6 EMC immunity for ACx 611-series has been tested according to EN 61800-3 requirements.