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Machines	Machine Description Document	2015/07/24	Approved	1(4)
Division/Department	Prepared by	Approved by	SecurityLevel	
DMMG/ITABB	Emidio Norcini	Giuseppe Murru	Internal/External	

Warranty Conditions and Requirements

Machine type	Inspected by	Date
AMA		
AMC		
X AMD	Giuseppe Murru	2015-07-24
AMG		
AMGe		
X AMI \geq 710	Giuseppe Murru	2015-07-24
X AMKi	Giuseppe Murru	2015-07-24

Machine type	Inspected by	Date
X AMLi	Giuseppe Murru	2015-07-24
AMS		
AMZ		
DMI		
M3		
HXR		

Note! This document covers product families that are marked with "X". Restrictions to the scope of the document have been described in the body text.

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1 Purpose

This Machine Description Document is meant to describe the standard and optional designs of ABB electrical machines related to the document title. The document is internal by nature, intended mainly for the use of ABB employees who need to explain to a third party the technical details of an offer

2 General

This MDD explains the available warranty options and corresponding responsibilities.

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2.1 Warranty conditions and responsibilities

Available Warranty conditions are stated in Cuusamo and in table 1. Note that some of the warranty conditions require an approval from the area sales manager at PRU.

Warranty condition type	Months from start-up	Months from readiness of delivery	Comment
STANDARD	12	18	Standard
OPTIONAL WARRANTY CONDITION 18/24	18	24	<p>Free to quote.</p> <p>Following instructions must be followed:</p> <p>SU Responsibility</p> <ul style="list-style-type: none"> Informing customer about customer responsibilities <p>Customer Responsibility:</p> <ul style="list-style-type: none"> Commissioning checklist and protocols must be completed during commissioning and returned to ABB together with the commissioning report after completed commissioning (see users manual) L1 maintenance program must be fulfilled and documented (see users manual) All other eventual service and repair must be performed by ABB service center, ABB repair workshop or Authorized non-ABB Service partner. If this is not possible an approval from ABB is needed
OPTIONAL WARRANTY CONDITION 24/30	24	30	<p>Needs to be approved by ITIND</p> <p>Same requirements as for Optional Warranty Condition 18/24</p>
OPTIONAL WARRANTY CONDITION 30/36	30	36	<p>Needs to be approved by ITIND</p> <p>SU Responsibility</p> <ul style="list-style-type: none"> Informing customer about customer responsibilities <p>Customer Responsibility:</p> <ul style="list-style-type: none"> Commissioning checklist and protocols must be completed during commissioning and returned to ABB together with the commissioning report after completed commissioning (see users manual) L2 maintenance program must be fulfilled and documented (see users manual) All other eventual service and repair must be performed by ABB service center, ABB repair workshop or Authorized non-ABB Service partner. If this is not possible an approval from ABB is needed
OPTIONAL WARRANTY CONDITION 36/42	36	42	<p>Needs to be approved by ITIND</p> <p>Same requirements as for Optional Warranty Condition 30/36</p>

Table 1: Available warranty conditions

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2.2 In-and-out costs

In-and-out costs can only be included in the warranty conditions in special cases and only after factory approval. Approval needs following requirements to be fulfilled:

- Crane capacity is customer responsibility. Crane must be available and capacity of crane at least machine weight as stated in technical specification.
- Free space is customer responsibility. Free space needed for lifting the machine safely from foundation to truck. For rotor removal a free space in one direction needs to be same as maximum machine length +500 mm.
- Labor cost needed to remove the machine from its position shall be evaluated during the quotation: this value is to be considered as a cap for this cost in case the machine needs to be removed from its working position and the cost exceeding this value will be covered by customer. In case the cap is not discussed/fixed during the quotation, the factory will cover 20 man hours at 150% of factory cost.

Note: The Transportation costs have to be defined according to the original terms of delivery.

3 Definitions of saleable components or constructions

[The set code shall be used in case that the document describes a saleable component or construction. The purpose of the set code is to connect the identified sales component to Cuusamo sales item, e.g. specific noise damper providing certain noise reduction for the motor.]

Code	Title / Short description
[Code]	[Title] [Short description]

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Warranty Conditions and Requirements		2015-07-24	4(4)

Revision history

Rev.	Date (yyyy-mm-dd)	Prepared by	Division/ Department	Description
-	2015-07-24	E.Norcini	ITABB	Inspections corrected and in Par. 2.1 modified SEMOT in ITIND. Par.2.2 "In-and-out costs" : added third condition and Note