

TÜV AUSTRIA CERT GMBH Certification Body



CERTIFICATE OF CONFORMITY

Reg.- No.: TA385 12 1630

Manufacturer: Dromeas S.A.

Industrial Area of Serres

621 21 Serres

Greece

Product: Office furniture Work Desk

Type: ALMA.N

Description: CODE 602-204-ZXY; Desk with electrical Height adjustment, TYPE A

Reference: EN527-1:2011; EN 527-2:2002; EN 527-3:2003, BS EN ISO 9241-5:1999

Comments: Details as described in the test report

Test report: 870/12

Test procedures, Test equipment, Calibration of Measuring equipment, Reporting and Documentation of internal and external Test results, Processes of manufacturing, Handling, Test Certificate of the suppliers product, are inspected, Tests are witnessed in its specific results

The specimen of the product provided by the client is in conformity with the requirements of the above reference.

2012-03-05

Date of issue

Certification representative

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QFM-TAC-ModA-006, Rev.02

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ΕΚΘΕΣΗ ΕΠΙΘΕΩΡΗΣΗΣ INSPECTION REPORT



Αρ. Έκθεσης: Report No	876/12	Ημ/νία έκδοσης: Issue date	07,03.2012
Τόπος Επιθεώρησης: Place of inspection	DROMEAS SA Industrial Area of Serres	Ημ/νία Επιθεώρησης: Date of inspection	06.03.2012
Έργο: Project	Inspection of Electrical syste Specification: BS6396:2008	ems in office furniture and educat	tional furniture
Κύριος του Έργου: Owner	DROMEAS SA		
Κατασκευσστής: Manufacturer			_
Υλικά προς Επιθεωρηση: Material for inspection	ALMA N. Desk with Flectri	cal Height Adjustment, TYPE A	CODE 602-204-ZXY
Σκοπός Επιθεώρησης: Subject of inspection			
Έλεγχοι κατά την Επιθεώρηση: Inspection activities	1		
Προδιαγραφές / Πρότυπα: Specifications / Standards	Specification, BS6396:2008		
Επισυναπτόμενα: Attachments	Check List - Testing scheme furniture (9 pages)	e for Electrical systems in office	furniture and educational
Παρατηρήσεις: Remarks	L		
Συμπεράσματα: Conclusions			
Τόπος: Thessaloniki Place	Ημερομηνία: 07.03.2012 Date	Επιθεορητής: Μ. Fanario Inspector	OTIS CHUICAL INSPECTIONS . P. P.

Testing scheme Electrical systems in office furniture and educational furniture – Specification; BS6396:2008

Application -no.:876/12

Tested Object / Product (Name, Type, Identification no.): ALMA.N, Desk with Electrical Height Adjustment, TYPE A CODE 602-204-ZXY

Inspector: M.Fanariotis

Receiving Date of Product to be tested at Testing Location:06/03/2012

Date of testing / Begin, End, Duration:06/3/2012

Testing - Location / Place: Dromeas S A. Industrial Area of Serres 621 21 Serres Greece

Comment (optional):-

Test - Result in General / All the requirements of the BS6396 are fulfilled except the requirement of paragraph 5.5.2 of BS6396. (The motor unit fulfils the requirements of EN55014-1:2006, EN55014-2:1997+A1:2001,EN 1000-6-2:2005, EN550111998+A1:1999+A2:2002)

Test - Result.

✓ = requirement fulfilled

x = requirement not fulfilled

- = requirement is not applicable at the actual project

Location / Date:

Thessaloniki /07-03-2012

Signature Inspector

Application No.

Consecutive	Requirements	Comment	Test result
no			

BS6396:2008

1	BS6396:2008 General requirements		
1.1	Provisions are made for:		
	a suitable cable management sustem to manage		
	a suitable cable management system to manage cables		√
	an electrical power distribution system		1
1,2	Cable - Management System status		
	The cable management system and/or the power distribution system is built into the furniture during manufacture	Preassembled at manufacturer site the electric motor	✓
	The cable management system and/or the power distribution system is designed for later, on site installation	The sockets are finally assembled on site	✓
2	Electric Facilities		_
2.1	Protection, over current, max. Amperage at	outlets	
	The electrical facilities of furniture is designed that under all conditions of normal use, as well as under a fault condition, protection is provided against personal injury		1
	The electrical facilities of furniture is designed that under all conditions of normal use, the electrical distribution system of the furniture is protected against overcurrent		√
	Either the operating instruction / the product data sheet / the operation manual / the description / the mark on the product of the furniture prescribes the requirement that no single item of equipment plugged into provided outlets has to have a rated current exceeding 5A. It state that equipment having a higher current up to max. 13 A has to be connected / plugged directly to the buildings electrical installation. (The cabling of external plugged equipment although might be laid in the cable management system of the furniture)		1
	The electrical system is <u>rated</u> for a total load of 13 A		1
	The supply cord is fitted with a fused plug conforming to BS 1363-1:1995 13 A (plugs, socket-outlets, adaptors and connection units. Specification for rewirable and non-rewirable 13 A fused plugs) and has a fuse rating that does not exceed 13 A		✓
	The electrical system installed meets the requirements for reinforced or double insulation		1
2.2	Protection, Earthing, Grounding		
	when the fumiture has provision for metal components it is connected to the supply earth	The supply earth is connected on the metal frame at the center of the desk.	✓
	The furniture is provided with an earthing terminal that is connected to the circuit protective conductor of the supply cable		~
	Protective earth conductors have a cross sectional area not less than that of the associated current carrying conductors. Conductors are bare or, if insulated, green/yellow coloured		V

Testresult: \forall = requirements are fulfilled \times = requirements are <u>not</u> fulfilled - = requirement is not applicable at this project Page 2 of 10

Consecutive no	Requirements	Comment	Test result
	Protective earth terminals are resistant to corrosion		V
	The resistance of accessible earthed metal parts does not exceed 0.1 Ω , including the resistance of		✓
	the supply cord when fitted Earth connections of the installed socket outlets and the accessible metal parts of earthed office furniture and educational furniture is tested by passing a current of not less than 1.5 times the rating of the supply plug fuse and not greater than 25 A, derived from an a.c. source with a load voltage not exceeding 12 V. The tests include the supply cord and are carried out between the earth pin of the supply plug, the earth connections of the installed socket outlets and, where applicable, the accessible metal parts of earthed furniture. The duration of the tests is done for a period of between 5 s and 20 s. The resistance is not exceed 0.1 Ω		√
-			
2.3	Protection against electric Shock There is no user access to parts at hazardous voltage. In particular, covers of ducts and connector boxes that give access to parts at hazardous voltage are only accessible by skilled persons. Conformity is checked by inspection and by testing using the test probe of BS EN 61032 Exposed – conductive – parts that can acquire a hazardous voltage due to the failure of basic insulation are connected to the protective earth terminal of the furniture which is then conducted to the circuit protective conductor. Alternatively, they are separated from parts at hazardous voltage by double or reinforced insulation conforming to the relevant requirements of BS EN 60950 (Safety of information technology equipment)		✓
2.4	Cables, Supply cord, internal wiring The supply cord is not lighter than ordinary-duty sheathed, 3- core flexible cable is consisting of conductors with an appropriate cross-sectional area for the rated load of the system and it is conforming to BS EN 50525-1:2011 - replaces the previous BS 6500, (Electric cables, Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)) BS EN 50525-2-11:2011 for flexible cables with thermoplastic PVC insulation, BS EN 50525-2-21:2011 for flexible cables with crosslinked elastomeric insulation BS EN 50525-2-71:2011 for flat tinsel cables (cords) with thermoplastic PVC insulation	The supply cord is fixed is fix together with the socket	~
	The internal wiring consists of conductors with an appropriate cross-sectional area for the rated load of the system and conforming to either BS 6004:2000 (for Electric cables PVC insulated, non-armoured cables for voltages up to and including 450/750 V, for electric power, lighting and internal wiring) or		/

Application No:

onsecutive	Requirements	Comment	Test result
	BS 6724:1997+A3:2008 (for Electric cables.		
	Thermosetting insulated, armoured cables for		
	voltages of 600/1000 V and 1900/3300 V, having		
1	low emission of smoke and corrosive gases		1
	when affected by fire), or		
	BS 7211:1998 (for Electric cables Thermosetting		
	insulated, non-armoured cables for voltages up		
	to and including 450/750 V, for electric power,		
	lighting and internal wiring, and having low		V
	emission of smoke and corrosive gases when		
	affected by fire), or		
1	or where flexibility is required: the same standards		
	as for supply cord is applied		
	BS 7919:2001 is applied for the use with		
	appliances and equipment intended for industrial		
	and similar environments		
	The supply connection to the furniture is by either		
	a non-detachable power supply cord or an		
	appliance inlet and connector conforming to a relevant British Standard. At the usage of appliance		✓
	inlet and connector, their rating is not lower than		
	the rated fuse fitted in the plug		
T	In case of fitted appliance inlet it is placed so that		+
	the appliance connector can be easily inserted and		✓
	removed		
	The exposed length of a power supply cord is not		
	more than 2 m - see the following Figure		
	Married Control		
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	Francisco		
	Provision is made to ensure that the supply cord to		
	the fumiture is relieved of all undue strain, including		✓
	twisting, so that the insulation of the conductors is		
	protected Supply cord anchorage / if used, conform to the		- 7
	aupoly cord anchorage / If Used Conform to the	Į.	/

Testresult: \vee = requirements are fulfilled \times = requirements are <u>not</u> fulfilled — = requirement is not applicable at this project Page 4 of 10

Consecutive no.	Requirements	Comment	Test result
	BS 5733:1995 (Specification for general requirements for electrical accessories) BS 1363:1995 (13 A plugs, socket-outlets, adaptors and connection units. Specification for rewirable and non-rewirable 13 A fused plugs) BS EN 60669-1:1999+A2:2008. (Switches for household and similar fixed-electrical installations. General requirements) BS EN 60950-1:2006+A12:2011: (Safety of information technology equipment)		
	The outer sheath of a non-detachable power supply cord that continues into the furniture or socket through any inlet bushing or cord guard extends by at least half of the cord diameter beyond the clamp of the cord anchorage. The inlet bushings, where used, is fixed and the inlet bushing or cord guard is supported by unearthed metal and is provided with supplementary insulation.		✓·
2.5	Socket outlets and connectors within items	of furniture	
	There are not more than four sockets, where each socket outlet is separately fused or has other overcurrent protection rated at not more that 5 A, or:	9.747III.41C	_
	There are not more than six sockets, where each socket outlet is separately fused or has other overcurrent protection rated at not more than 3.15 A	Six sockets individually fused at 3 15A	✓
	The equipment draws more than 3.15 A on start up. Antisurge fuses are used		✓
	Fuses are not accessible without the use of a tool and they conform to BS 1362:1973 (Specification for general purpose fuse links for domestic and similar purposes (primarily for use in plugs) or to BS EN 60127-2:20032003+A2:2010. Standard sheet 1 or Standard sheet 5 (Miniature fuses. Cartridge fuse-links)		✓
	Electrical components and their assemblies used in the electrical power distribution system conform to BS 5733:2010 General requirements for electrical accessories. Specification and/or the following standards where relevant. BS 1362:1973 Specification for general purpose fuse links for domestic and similar purposes primarily for use in plugs BS 1363:1995 13 A plugs, socket-outlets, adaptors and connection units. Specification for rewirable and non-rewirable 13 A fused plugs BS EN 60669-1:1999+A2:2008 Switches for household and similar fixed-electrical installations. General requirements BS EN 60730-2-ff Automatic electric controls for household and similar use BS EN 60320-1:2001+A1:2007 (Appliance couplers for household and similar general purposes. General requirements)	The motor unit fulfils the requirements of EN55014-1:2006, EN55014-2:1997 +A1:2001, EN 61000-6-2:2005, EN550111998+A1.1999+A2:20 02 Does not fulfil the requirements of the BS Standard	

Consecutive no.	Requirements	Comment	Test result
	BS 5467:1997+A3:2008 Electric cables.		
	Thermosetting insulated, armoured cables for		
	voltages of 600/1000 V and 1900/3300 V		
	BS 6004:2000 Electric cables. PVC insulated, non-		
	armoured cables for voltages up to and including		
	450/750 V, for electric power, lighting and		
	internal wiring		
	AMD 15650:2005 / replaces BS 6346:1997		
	(Electric cables - PVC insulated, armoured		
	cables for voltages of 600/1000 V and		
	1900/3300 V)		
	BS EN 50525-1:2011 - replaces the previous BS		
	6500, (Electric cables. Low voltage energy		
	cables of rated voltages up to and including		
	450/750 V (U0/U))		
	BS EN 50525-2-11:2011 for flexible cables with		
	thermoplastic PVC insulation BS EN 50525-2-21;2011 for flexible cables with		
	crosslinked elastomeric insulation		
	BS EN 50525-2-71:2011 for flat tinsel cables		
	(cords) with thermoplastic PVC insulation		
	BS 7919:2001 electric cables. Flexible cables rated		
	up to 450/750V, for use with appliances and		
	equipment intended for industrial and similar		
	environments		
	BS EN 60127-2:20032003+A2:2010 Miniature		
	fuses. Cartridge fuse-links		
	Socket-outlets are located so as to:		
	• be easily accessible; and		V
	minimize the risk of physical injury		
	Socket-outlets are positioned so as to minimize the		
	risk of electrical hazards from liquid spillage		V
	On unearthed office furniture and educational		
	furniture for general use, mains socket-outlets		
	within the furniture have a protective contact		
	connected to the protective earth conductor of the		
	supply cord		
2.6	Construction	L	
	The designated applications are smooth and force		
	The designated cableways are smooth and free from sharp edges. Fixing screws are located or		
	protected so that they cannot damage cables.		
	NOTE: In general, a surface is considered well		✓
	rounded if its curvature has a radius of at least 1.5		1
	mm		
	Any holes or apertures through which cables pass		
	are shaped and sized so that cables can be fed		
	through without difficulty and are fitted with an		V
	insulating bush or grommet or are suitably rounded		
	(radius of at least 1.5 mm)		
	All cables are placed or protected so that the risk of		
	overheating, chafing or abrasion or other		V
	mechanical damage is minimized		
	Where cables connect separate moving parts of		
	the furniture, they are provided with a cord		
	anchorage at both ends in accordance with BS EN		
	60950. Where movement is expected as part of		✓
	normal use, the cables are protected from chaffing		
	or damage, and cord guards or inlet bushings		
	conforming to BS EN 60950 are provided	1	

Application No.:

Consecutive no	Requirements	Comment	Test result
	Cables that are likely to be moved during normal		
	use, are flexible cords		
	Where work surfaces move allows the access,		
	provision is made in order to retain cables and to minimize the risk of damage or suitable covers are		√-
	implemented		
	Cable supports are spaced at a maximum distance		
	of 300 mm apart for cables that do not run in a		
	cable management system.		V
	A combination of cable management systems and		
	cable supports is available		
2.6.1	Segregation of cables		
	For cables that may run together in parallel, mains electricity supply cables are separated from all		,
	other cables or are insulated for the highest voltage		✓
	present		
	Telecommunication cables, data cables and other		
	cables in ELV circuits can share a common duct		
	This is achieved by providing a) a 50 mm separation between cables, or		
	b) a cable management system (which needs		✓
	not be provided continuous)		
	c) cable screening of individual services, or		
	d) b) and c) in combination		
	The cable management system provided in the		
	office furniture or educational furniture, is constructed such that any disruption to		,
	segregation, such as gaps or junctions between		✓
	ducts, is kept to a minimum and is not exceed 150		
	mm		
	Where crossover of cables occurs and is		
	unavoidable, e.g. within desk corner links and prior		
	to cables emerging onto the work surfaces, or where excess cables are stored, sheathed cable is		· ·
	used and cables do not run together in parallel		
2.6.2	Connection between items of furniture		
	Separate items of furniture that are electrically interconnected, are fastened together to prevent		
	against inadvertent movement of the furniture that		V
	could damage the electrical connections		
3	Luminaires		
J	Communes		
	Luminaires that are part of the furniture are		
	conform to BS EN 60598-1:2004 (Luminaires		
	General requirements and tests)		
	Account is taken of any heat generated by built-in luminaires		
	The security of fixings and power cables is ensured		1
4	Electrical tests for electrical installations		
	The installation / the completion of the installation		
	the re-installation of the electrical system is		
	described and documented together with its		
	inspections and tests.		✓
	Periodically maintenance inspection and testing is		
	described and recommended for the electrical	1	

Testresult: v = requirements are fulfilled x = requirements are not fulfilled -- = requirement is not applicable at this project Page 7 of 10

Consecutive no.	Requirements	Comment	Test result
4.1	Continuity and polarity:		
	A test of all conductors, including the protective		
	earth conductor, is performed to verify their		
	continuity and correct polarity. This test includes		2
	the supply cord and plug. The electrical system is		*
	inspected to ensure that any fuses and any single		
	pole switches fitted are connected only in the live		
	conductor		
4.2	Insulation resistance:	p	
	The insulation resistance of completed electrical		
	installations is tested using a 500 V d.c. test		
	supply. The measured resistance is not less		
	than 1 M Ω Tests are performed between		
	conductors and also to earth of the supply cable.		
	The duration of each test is not less than 5 s.		
	Neon indicators are removed from the circuit before		✓
	carrying out this test between conductors by		
	switching off the socket outlet		
	Where luminaires contain sensitive electronic components, these are disconnected prior to the		
	test (see BS 7671:2008+A1:2011, 612.3.3,		
	Requirements for electrical installations IET Wiring		
	Regulations. Seventeenth edition)		
	,		
5	Marking		
E 4	Danisananta		
5.1	Requirements		
	Marking is legibly and durably in a prominent		
	position adjacent to cables or socket outlets with the following information:		
	name, trademark or other means of identification		
	a) of the manufacturer or responsible vendor,		
	b) the number and date of this British Standard.		
	i.e. BS 6396:2008;		
	c) a statement indicating whether the furniture is of		
	earthed or unearthed construction		
	d) on earthed fumiture, the position of any earth		
	terminal is marked by using the earth symbol		
	e) information about where instructions for proper		
	use of the equipment can be obtained		
	f) the rating of any system installed in the furniture,		✓
	stating 250 V a.c., and that the total current		
	shall not exceed 13 A		
	g) the maximum current rating for each fuse		
	adjacent to its fuseholder		
	h) unless supplied with a pre-fitted plug, the		
	supply cord is labelled to show connection		
	requirements and a statement that it is		
	essential that the electrical system is connected to an electrical symply that has a protective		
	to an electrical supply that has a protective (earth) conductor		
	i) a statement that the system should not be		
	reconfigured or altered in any way without		
	reference to the manufacturer's instructions		
5.2	Legibility	1	Į.
	The height of any graphical symbols is not less		
	than 5 mm.		. 7
			V
	The height of letters and numerals either shown		

Consecutive 10	Requirements	Comment	Test result
_			
5.3	Durability of marking		1
	In normal use, it is not possible to remove marking		
	plates and they show no curling		1
	Marking produced by an engraving or moulding		
	process shall be deemed to conform without test. Marking is produced by an engraving or moulding	Marking is produced by a laser	,
	process and is deemed to conform without test	marking.	V
	Marking is not produced by an engraving or	marking.	-
	moulding process - it is tested as following and the		
	marking remains legible.		
	Marking test method		
	the marking is rubbed by hand for 15 s with a		
	piece of cloth soaked with water and again for		ļ
	15 s with a piece of cloth soaked in petroleum spirit		
	Used Apparatus:		
	Two pieces of cloth		
	Petroleum spirit, consisting of a solvent hexane		
	having a maximum aromatics content of		1
	0.1% by volume, a Kauri-butanol value of 29,		
	an initial boiling point of approximately 65 °C.		
	a dry point of approximately 69 °C and a relative density at 15 °C of approximately		
	0 68		
	Relative density is determined by the method as		
	described in BS EN ISO 3675 1998 BS 2000-		
	160 1998 ISO 3675 1998 (1998-12-15)		
	(Crude petroleum and liquid petroleum products.		
	Laboratory determination of density. Hydrometer method)		
_			L
6	Instructions	I a second	
	Adequate instructions concerning the safe	Operating and maintenance	
	installation and use of the furniture are readily available. They are supplied by the manufacturer,	instructions were not part of this inspection	
	responsible vendor and/or the supplier/installer of	This peculiar	1
	the electrical installation within the furniture		
	The instructions include the following, as		
	appropriate:		
	appropriate: a) Instructions for connecting and testing		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins.		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed		
	 appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment 		
	 appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a 		
	 appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be 		
	 appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture 		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture e) instructions for connecting earthing		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture e) instructions for connecting earthing conductors for metalwork		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture e) instructions for connecting earthing conductors for metalwork f) a statement that it is essential that the		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture e) instructions for connecting earthing conductors for metalwork		
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	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture e) instructions for connecting earthing conductors for metalwork f) a statement that it is essential that the electrical system is connected to an electrical supply that has a protective (earth) conductor g) a statement that the advice of a person competent in such installation matters is to		
	appropriate: a) Instructions for connecting and testing continuity, insulation resistance, polarity and socket pins. b) the voltage, frequency and current rating for which the system is designed c) the maximum current for each fuse and type d) a statement that no single item of equipment having a rated voltage exceeding 250 V or a rated current exceeding 5 A is allowed to be connected to the item of furniture e) instructions for connecting earthing conductors for metalwork f) a statement that it is essential that the electrical system is connected to an electrical supply that has a protective (earth) conductor g) a statement that the advice of a person		

Consecutive	Requirements	Comment	Test result
			,
	Further indispensable Standards are re-	cognized:	
	Safety and stability of office fumiture: BS EN 527-2 and BS EN 527-3		
	☐ Test report is enclosed	☐ Test report will be deliv	ered in addition
	☐ Standard is not verified	Standard is not applicate	ble at the actual projec
	Comment (optional) Certificate of Conformity/TUV AUSTRIA/ Reg	No.:TA385 12 1630/Date of Iss	sue:2012-03-05.
	Safety and stability of screens: BS EN 1023-2 and BS EN 1023-3 Test report is enclosed	☐ Test report will be deliv	ered in addition
		☐ Test report will be deliv ☑ Standard is not applica	
	BS EN 1023-2 and BS EN 1023-3 Test report is enclosed		
	BS EN 1023-2 and BS EN 1023-3 ☐ Test report is enclosed ☐ Standard is not verified Comment (optional):		
	BS EN 1023-2 and BS EN 1023-3 ☐ Test report is enclosed ☐ Standard is not verified		
	BS EN 1023-2 and BS EN 1023-3 Test report is enclosed Standard is not verified Comment (optional): Safety and stability of educational furniture:		ble at the actual projec
	BS EN 1023-2 and BS EN 1023-3 Test report is enclosed Standard is not verified Comment (optional): Safety and stability of educational furniture: BS EN 1729-2	⊠ Standard is not applica	ble at the actual projec



EC-Declaration of Conformity

1. Kettesir Jahow Carl H & Cu. KG, Bolish Shiniffe 20, Dr. 211-25 familiangen

3133.00-XXXX



B. Ketterer Söhne GmbH & Co. KG Bahnhofstraße 20 78120 Furtwangen

Confirms as manufacturer, that the below mentioned product is according to the listed relevant EC-Directives and Standards.

Product name:

Motor unit

Test report No. 2011-2829-4258-REN by Elmac

Description:

Motor drive

Basic relevant EC Directives:

204/108/EG, Electromagnetic Compatibility,

including modifications

The following European Harmonized Standards are applied:

EN 55014-1:2006

Requirements for household appliances, electric tools and similar apparatus

EN 55014-2:1997 + A1:2001

Requirements for household aplliances, electric tools and similar apparatus

EN 61000-6-2:2005

(Electromagnetic compatibility, Generic standards, Immunity for industrial environments)

EN 55011:1998 + A1:1999 + A2:2002

(Industrial, scientific and medical (ISM) radio-frequency equipment;

Radio disturbance characteristics - Limits and methods or measurement)

The related product was tested in a typical application.

This declaration is losing its validity by any technical changes without prior agreement of manufacturer and/or by misusing the product not according to its dedicated purpose of use.

Furtwangen, 12.04 2011

Horst Lingnau

Project manager, Development