

EUROECHO 2009





ANNEX 6.1 VALIDATION OF FERIA DE MADRID ELECTRICAL INSTALLATION

1. INTRODUCTION

Feria de Madrid is, by law, a public place, and its electrical installations have been duly validated. This document seeks to provide the guidelines for the validation of the temporary electrical installations set up at the Exhibition Centre for different types of events, such as: Congresses, Shareholder's Meetings, Product Roll-Out, etc.

2. APPLICABLE REGULATION

The regulation applicable to this type of installations is described hereunder:

- The Low Voltage Electrotechnical Regulation adopted by Royal Decree 842/2002 of 22 August.
- The Regional Ministry of Finance and Technological Innovation, by Order 9344/2003 of 1
 October, lays down the procedure for the application, commissioning and inspection of
 non-industrial, low voltage, electrical installations.
- The Directorate General for Industry, Energy and Mining, by the Resolution of 14 January 2004, establishes the official models for the Technical Design Report and Installation Certificate of the Autonomous Community of Madrid.

3. REGULATORY REQUIREMENTS

The installations for the abovementioned events are considered as temporary installations under the following two assumptions:

- Installations with 50 Kw maximum power (
- Installations with > 50 Kw maximum power

a) Installations with 50 Kw maximum power (

Once the installation is set up and checked according to the provisions laid down in section 3 of ITC.BT.05, the approved Low Voltage electrical installer shall submit the following documentation to the EICI (Industrial Inspection and Control Agency):

- Official application form (Provided by the EICI upon submission of the documentation).
- Technical Design Report according to the official model (2 copies) Annex I.
- Installation Certificate with electrical installer's inspection (five copies). Annex II.
- User information dossier (two copies)
- Written proof of valid low voltage installer qualification.

The EICI shall validate and return to the installer four copies of the Installation Certificate and a copy of the Technical Report.

The EICI may inspect the installation if said provision is part of the predetermined sampling. The EICI shall contact the Approved Installer and the Project Supervisor to that effect.







b) Installations with > 50 Kw maximum power

Once the installation has been completed and the appropriate inspections conducted according to the provisions set forth in section 3 of the ITC BT 05, the approved Low Voltage installer shall submit the following documentation to the EICI:

- A project written and signed by a qualified person, and endorsed by the appropriate professional association (two copies).
- Official application form (Provided by the EICI upon submission of the documentation).
- Installation Certificate with electrical installer's inspection (five copies).
- User information dossier (two copies).
- Project Design and Construction Certificate (two copies).
- Written proof of valid low voltage installer qualification.
- Supplementary supporting documents of deviations, if any.

The EICI shall analyze all the abovementioned documentation, within 15 days maximum, ensuring that it complies with the regulations in force, and shall validate the Installation Certificate copies, returning four copies to the Approved Low Voltage Installer, of which two shall be for the installer proper and two for the property holder. Furthermore, a validated copy of the project shall be returned to the holder or his/her representative.

The EICI may inspect the installation if said provision is part of the predetermined sampling. The EICI shall contact the Approved Installer and the Project Supervisor to that effect.

4. RATES AND FEES

The EICI rates are set annually by The Directorate General for Industry, Energy and Mining establishes the annual rates of the EICI. Attached in Annex II.

The Directorate General for Industry, Energy and Mining establishes the fees for each installation, which are listed in Annex IV.

5. APPROVED EICIS

Annex V lists the approved EICIS for the Autonomous Community of Madrid.









ANNEX I

		LOW	VOLTAGE	
	TECHNICAL DESI	IGN REPORT (1/6) AU	TONOMOUS COMMUNIT	ΓY OF MADRID
		RECORD No.		
	Administrative inf	Formation		
INSTALLATION OWNER		VAT No.		
Name/Company				
First Surname		Second Surname		
Address				
City		Postc	ode	
LOCATION OF INSTALLATION		<u> </u>		_
Address				
City		Postc	ode	
Usage				
	Technical Infor	mation		
GENERAL INSTALLATION FEATURES	<u>_</u> _		_ _	
	of inst.	Degree of Electrification	Premise area	m2
CONNECTION (Per information provided by service provided Connection point (2)		Гуре (3)	Section mm2	Material (4)
C.G.P. OR SECURITY C/C				
Туре	Base In.		A Cartridge In.	A
GENERAL POWER LINE Section mm2 Ma	aterial (5)	INDIVIDUAL LEAD Section	mm2	Material (5)
Master Power Switch (MPS)	Rated A	Power Cutoff]
METERING MODULE	- Tameeu	Tower cutoff filming	1 To Have Beau	1
Type (7)		Position (6)		
MAGNETOTHERMAL/DIFFERENTIAL PROTECTION Main Auto. Cct Breaker		Diff Circuit Proc	aker rated (A) / Sensitivity (m	
GROUNDING		Diff. Circuit Brea	iker rated (A) / Sensitivity (III	(A)
Type Rods Plan		Mesh		
Electrodes Tie	e-line	mm	2 Protective conductor	mm2
AUTHORIZED ELECTRICI	IAN'S REPORT			
Name		E	ectrician certificate number	
Street/square	1		No.	
City FAX		Postcode E-mail	Telephone	
CERTIFIED TECHNICIAN'S	S REPORT			
Name		Profe	ssional Assoc. Member No.	
Street/square City		Postcode	No. Telephone	
FAX Professional Assoc.		E-mail		
Mr Mo	and or the outher of the T	ical Design Barrent hards	doctors that the information	provided
Mr./Ms, the undersign herein complies with the provisions of the Low V			ucciares that the information	i provided
		, at on	200	
N	Name and signature of electrician	n or qualified Technician		

NOTES:		
(1) Installation N (New), A (Extension-Modification),	(3) C.T. (Transformation Centre), R.B.T. (Low	(6) In Centralisation Room. Indoors. Façade.
CN (Change of Name), CT (Change of Voltage)	Voltage System)	
	(4) Overhead. Underground. Indoor	
(2) As per reference table in information folder	(5) Material, Cu (Copper), Al (Aluminium)	(7) Enveloping, panelable, stand-alone cabinet

TECHNICAL DESIGN REPORT (2/6) AUTONOMOUS COMMUNITY OF MADRID

TIE-LINE INSTALLATION LOAD FORECAST (Per ITC-BT-10)

Degree of Electrification	Type of Housing		Estimated Power Housing Type	No. Housing Units		Maximum ower		Simultaneity Coefficient	Total Load
Basic			kW						
(Min. 5.75 kW)				kW		1 337			1
(Sup ≤ 160 m2)			kW		4	kW			
High (Min. 9.2 kW)			kW		_				
(Sup > 160 m2)			kW kW		<u> </u>		Tab	ole ITC-BT-10	
Night Rate			kW						
Night Kate			kW		1				
			kW		kW				1
								uivalent to No. ousing Units	
GENERAL SERVI	ICES					Estima	ated Ho	ousing Load (A):	
Estimated Maximum Lift Power	Estima Heating/C Pow	Cooling er	Estimated Pressure Equipment Powe	Lighti	imated ng Power	Estima Estimated Power	ool	Estimated Miscellaneous Power (R.I.T.I.)	Total Estimate Power (Sum)
Estimated Maximum Lift	Estima Heating/C Pow	Cooling	Pressure	Lighti		Estimated Power	ool kW	Estimated Miscellaneous Power (R.I.T.I.)	Power (Sum)
Estimated Maximum Lift Power kW GARAGE	Estima Heating/C Pow	Cooling eer kW	Pressure Equipment Powe	r Lighti	ng Power kW	Estimated P Power	ool kW Genera	Estimated Miscellaneous Power (R.I.T.I.) kV I Services Load (B)	Power (Sum)
Estimated Maximum Lift Power kW	Estima Heating/C Pow	Cooling eer kW	Pressure Equipment Powe	Lighti V Estima	ng Power	Estimated P Power	ool kW Genera	Estimated Miscellaneous Power (R.I.T.I.)	Power (Sum)
Maximum Lift Power kW GARAGE Installation Garage	Estima Heating/C Pow	cooling er kW	Pressure Equipment Powe k	Lighti V Estima	kW kw	Estimated P Power	ool kW Genera Y) m2	Estimated Miscellaneous Power (R.I.T.I.) kV I Services Load (B) Other System's	Power (Sum) V Total Power Z+((X*Y)/1000
Estimated Maximum Lift Power kW GARAGE Installation	Estima Heating/C Power	cooling er kW	Pressure Equipment Powe R Estimated Minimum Power	Lighti V Estima	kW kw tted Actual wer (X)	Estimated P Power	ool kW Genera Y)	Estimated Miscellaneous Power (R.I.T.I.) kV I Services Load (B) Other System's Power (Z)	Power (Sum) V Total Power Z+((X*Y)/1000 V
Estimated Maximum Lift Power kW GARAGE Installation Garage (Min. 3.45 kW)	Estima Heating/C Power Typ Natural Ver Forced Ven	kW kW	Estimated Minimum Power 10 W/m2 20 W/m2	Estima Pov	kW kW tted Actual wer (X) W/m2	Estimated P Power Estimated (www.genera	Estimated Miscellaneous Power (R.I.T.I.) kV I Services Load (B) Other System's Power (Z)	Power (Sum) V
Estimated Maximum Lift Power kW GARAGE Installation Garage	Estima Heating/C Power Typ Natural Ver Forced Ven	kW kW coe nt.	Estimated Minimum Power 10 W/m2 20 W/m2	Estima Pov	kW kW tted Actual wer (X) W/m2	Estimated P Power Estimated (w Genera Y) m2 m2 stimate	Estimated Miscellaneous Power (R.I.T.I.) kV I Services Load (B) Other System's Power (Z) kV kV	Power (Sum) V

Installation	Estimated	Office or	Business	Estimated Actual	Total Area (Y)	Other System's	Total Power
mstanation	Minimum Power	Type	No. (N)	Power (X)	Total Alca (1)	Power (Z)	N*[Z+((X*Y)/1000]
Business Prem.				W/m2	m2	kW	kW
(Min. 3.45 kW	100 W/m2			W/m2	m2	kW	kW
per Premise))			W/m2	m2	kW	kW
Offices				W/m2	m2	kW	kW
(Min. 3.45 kW	100 W/m2			W/m2	m2	kW	kW
Per Office)				W/m2	m2	kW	kW
Factories				W/m2	m2	kW	kW
(Min. 10.35 kW	125 W/m2			W/m2	m2	kW	kW
Per Premise)				W/m2	m2	kW	kW
]	Estimated I	oads for Business Pre	mises and/or Offices a	nd/or Factories (D):	

OTHER INDUSTRIAL, AGRICULTURAL OR SERVICE FACILITIES

Name of the Facility	Estimated Lighting Power	Estimated Voltage Power	Estimated Power Other Facilities	Total Estimated Power (Sum)
	kW	kW	kW	kW
	kW	kW	kW	kW
	kW	kW	kW	kW
	kW	kW	kW	kW

Estimated Power other Industrial, Agricultural or Service facilities (E):

ESTIMATED M.F.L. TOTAL LOAD (A+B+C+D+E)

BUDGET

Breakdown	Grounding Budget	Main Feeder Budget	Metering Point Budget	Indv. Leads Budget	Indoor Install. Budget	Misc. Budget	TOTAL
Materials	€	€	€	€	€	€	€
Labour	€	€	€	€	€	€	€
Total	€	€	€	€	€	€	€

TECHNICAL DESIGN REPORT (3/6) AUTONOMOUS COMMUNITY OF MADRID TECHNICAL INFORMATION SUMMARY

TECHNICAL INFORMATION ON MAIN FEED LINE

MFL	Estimated Max. Power	Max. Admissible Phases / Section Power			Material (Cu or Al)	Type of Insulation	Length	Voltage Drop	Protection
I	kW	kW	X	mm2			m	V	A
II	kW					m	V	A	

Voltage drop shall be 0.5% or 1%; conductors shall be single-pole copper or aluminium; insulation 0.6/1 kV. The line shall be routed through a tubing, closed rack o closed conduits as per ITC-BT-14. The Main Feed Line power may not exceed a 150 kW maximum, unless Electrical Cabinets are installed in the Metering Room.

TECHNICAL INFORMATION ON METERING POINTS AND PROTECTION

1	No. Connections: Single-phas	e Trip	phase < 15 kW	Triphase < Power < 43.6 Triphase < 15 kW
Ī	LOCATION Ground Floor	Mezzan		Storeys No. Meters / Centralisation t Basement Every 6 Storeys Each Floor
i.	Brand / Model:	WEZZan	ine 1st	POSITION POSITION
	Master Power Switch or Safety Fuse:	Rated Int.	Power Cutoff x A	Modular Centralisation Panel Centralisation Indoor Module CPM-Front Cabinet Miscell aneous

TECHNICAL INFORMATION ON INDIVIDUAL LEADS

Leads		Estimated Max.	Admissible	Phases /	Section	Material	Type of	Maximum Voltage	Safety Fuse
Type	No.	Power	Max. Power			(Cu or Al)	Insulation	Drop	
		kW	kW	$X mm^2$				V	1
		kW	kW	X	mm^2			V	
		kW	kW	X	mm ²			V	
		kW	kW	X	mm ²			V	

TECHNICAL INFORMATION ON GENERAL CONTROL AND PROTECTION DEVICES

Standard Lead	Phases /	Section	ICP Cat	pinet Type	Main Au	tomatic C	Circuit Breaker	Diffe	erential Cir	rcuit Breaker
	Ind. Supp	ly Lead	29	36	Rated Inter	nsity	Power Cutoff	Rated Int	Sensitivity	
	X			X	A	kA	X	A	n	
	X	mm^2			X	A	kA	X	A	n
	X	mm ²			Х	A	kA	Х	A	n
	X	mm ²			X	A	kA	X	A	n

TYPE OF INSTALLATION (1) ITC-BT-20: T.P. With Protection Tube (2) ITC-BT-26 E.T.F. Inserted in Flexible Tube F.D.P. Mounted Directly on Panel Inserted in Curvable Tube E.T.C. ENTR S.T.C. Surface in Curvable Tube D.E.E. Inserted Directly in Structure S.T.R. Surface in Rigid Pipe AERO Overhead S.C.P. Surface in closed Protective Conduit I.H.C. Inside Cavities in Construction Surface in Precast Conduits S.C.P.F. C.P. Under Protective Conduits MOLD Under Moulding BANDJ In Racks C.E.P. In Precast Electrical Conduits

TECHNICAL DESIGN REPORT (4/6) AUTONOMOUS COMMUNITY OF MADRID INDIVIDUAL LEADS

SUMMARY OF TIE-LINE INSTALLATION CALCULATIONS

		NOTALI ATION			Estimated Power (kW)	Estimated Voltage (V)	Estimated Intensity (A)	No. Conductors x Section (mm ²)	Material (Cu or AI)	Rated Voltage (Insulation (kV)	Type of Installation (IC-BT-20)	Conduit Section (cm x cm)	Tubing Diameter or Rack Section (mm)	No. of Tubes or Racks	Maximum Length (m)	Maximum Voltage Drop (V)Maximum Admissible Power (kW)	Total Installed Power (kW)	Safety Fuse Intensity (A)	M.A.C.B. Intensity (A)	Differential Intensity (A)	
	Connection																				
		M.A.C																			
		M.A.C	.B. II																		
			_																		
			eac																		
	uo	Basic	ard I																		
	cati	В	Standard Lead																		
	Degree of Electrification		St																		
	Elec																				
	of of		pr																		
	gre	ч	Standard Lead																		
	Ď	High	dard																		
			Stan																		
Individual Leads	G	eneral S	arvioos	I																	
alL	GC	ilciai 3	ei vices	II																	
vidu		Gara	oe.	I																	
Indi		Guru		II																	
		es	Type																		
	Š	Premises Offices	Type																		
	sine	es C	Type																		
	Bu	mis	Type Type																		
		Pre	Туре																		
			1)10																		
	2																				
	er																				
	Other Installations																				
	Ins																				

B.O.C.M. No. 37

(5/6) AUTONOMOUS COMMUNITY OF MADRID INTERNAL CIRCUITS TECHNICAL DESIGN REPORT (5/6)

SUMMARY OF ESTIMATED POWER SUPPLY INTERNAL CIRCUITS

INSTALLATION			Estimated Power (kW)	Estimated Voltage (V)	Estimated Intensity (A)	No. Conductors x Section (mm²)	Material (Cu or Al)	Rated Voltage (Insulation (kV)	Type of Installation (IC-BT-20)	Maximum Length (m)	Maximum Voltage Drop (V)	Maximum Admissible Power (kW)	Total Installed Power (kW)	Safety Fuse Intensity (A)	
	Т	Type of Housing	Circuits												
_		T	C1												
			C2												
			C3												
			C4												
			C5												
	Basic Electrification		C1												
			C2												
	ctri		C3												
	Ele		C4												
	asic		C5												
	ñ		C1												
			C2												
			C3												
			C4												
Housing Units:			C5												
			C1												
			C2												
			C3												
			C4												
			C5												
Ions			C6												
1	tion		C7												
			C8												
			C9												
			C10												
	fica		C11												
	Extensive Electrification		C12												
			C1												
			C2												
			C3												
			C4												
			C5												
			C6												
			C7												
			C8												
			C9												
			C10												
			C11												
			C12												
		Lifts													
General Services		Electrical Appliances													
		Heating and Cooling Power Stations													
		Pressure Equipment													
		Doorway Lighting													
		Staircase Lighting													
		Common Areas Lighting													
	\cup	Pools													
		Internal Telecommunications System													
		Miscellaneous													
		Circuit 1													
	rial ies	Circuit 2													
	Industrial Facilities	Circuit 3													
	Щ На	Circuit 4													
		Circuit 5													

Unifilar diagram

Layout sketch

LOW	VOLTAGE
TECHNICAL DESIGN REPORT (6/6)	AUTONOMOUS COMMUNITY OF MADRID
Descriptive Report	
ATTACHED DOCUMENTATION (check a hor)	
ATTACHED DOCUMENTATION: (check a box)	mitted. For residential buildings and other housing
For detached houses, a unifilar diagram must be sub types, a unifilar diagram, blueprints and location sk must clearly define: Main enclosure, distribution lin private control and protection devices, indoor instal conductor sections. The standard housing and n submitted.	tetch must be submitted. The residential buildings es, safety fuses, metering devices, individual leads, llations of standard housings detailing features and

This information will be computer-processed or recorded with the consent of the subject, who is entitled to determine who will receive the information and for what purpose, and to request the accuracy of the information and ensure its correct use, with the derogations laid down in the applicable legislation. For any further information on this matter, please call the administrative information line at 012. If you would like to make any suggestions for improving this form, please contact the Consejería de la Presidencia, D.G. de Calidad de los Servicios y Atención al Ciudadano.

Floor layouts

Miscellaneous







Annex II

D.G.I.E.M LOGO SEAL LOW VOLTAGE ELECTRICAL INSTALLATION CERTIFICATE OWNER SURNAMES AND NAME OR COMPANY ID NUMBER - VAT NO. ADDRESS (street or square and number) P.C. CITY PROVINCE TELEPHONE FAX E-mail ID NUMBER REPRESENTATIVE (if appropriate) UTILITY COMPANY INSTALLATION FEATURES ADDRESS (street or square and number) Gate Bis Stairs CITY P.C.(kW) MAX. ADMISSIBLE POWER INSTALLED POWER ... VOLTAGE V INSTALLER COMPANY SURNAMES AND NAME OR COMPANY AUTHORIZED COMPANY CERT. NO. INSTALLER COMPANY CATEGORY AND SPECIALTY Basic Specialist ELECTRICIAN'S NAME ELECTRICIAN CERT. NO. ADDRESS (street or square and number) P.C. CITY PROVINCE TELEPHONE FAX E-mail ELECTRICIAN'S CATEGORY AND SPECIALTY Basic Specialist Technical Information GENERAL INSTALLATION FEATURES Voltage Degree of Electrification Use of inst. Report for (1) Premise area m² CONNECTION (Per information provided by service provider) Connection point (2) Type (3) Section Material (4) C.G.P. OR SECURITY C/O Cartridge In. Type Base In. Α GENERAL POWER LINE INDIVIDUAL LEAD mm² Material (4) mm² Material (4) Section Section Master Power Switch (IGM) I. Rated No. Ind. Leads Power Cut kA METERING MODULE Type (6) Position (5) MAGNETOTHERMAL/DIFFERENTIAL PROTECTION Main Automatic Circuit Breaker A Differential Circuit Breaker rated (A) / Sensitivity (mA) GROUNDING Plates Type Rods Mesh Tie-line mm² Protective conductor mm² INSTALLER COMPANY CERTIFICATION The undersigned authorized electrician or qualified certificate holder, whose name and number are provided hereinbefore, on behalf of the referenced installer company. certify that the installation referred to in the appropriate Technical Report/Project...... has been set up according to the applicable L.V.E.R., its complementary Technical instructions and specific regulations of the utility company, and has passed the inspection, as stated in this certificate MEASUREMENT CHECKS AND TESTING at, on of 1. Protection conductor continuity 2. Grounding resistance Ω 3. Conductor insulation resistance ΜΩ 4. Floor and wall insulation resistance, if appropriate ΚΩ 5. Dielectric current (Mx) mA Authorized Electrician's Signature Favourable Phase frequency check, if appropriate NOTES: (1) Installation: N (New), A (Extension-Modification), CN (Change of (4) Material: Cu (Copper), Al Name), CT (Change of Voltage) (5) In Centralisation Room; Indoors; (2) C.T. (Transformation Centre), R.B.T. (Low Voltage System) Façade (6) Enveloping, panelable, stand-alone Authorized Electrician's Signature (3) Overhead, Underground, Indoor

This report is issued exclusively for the purposes laid down in the Low Voltage Electro-Technical Regulation and complementary provisions, without implying compliance by the installation Owner of the requirements pursuant to the applicable legislation on the commissioning and signing of an power supply contract.

This information will be computer-processed or recorded with the consent of the subject, who is entitled to determine who will receive the information and for what purpose, and to request the accuracy of the information and ensure its correct use, with the derogations laid down in the applicable legislation. For any further information on this matter, please call the administrative information line at 012. If you would like to make any suggestions for improving this form, please contact the Consejería de la Presidencia, D.G. de Calidad de los Servicios y Atención al Ciudadano.









ANNEX III

Low Voltage Outsourcing Rates

		Pı	with						
Description	witl prelimi inspec	nary		without nary inspection	MTD				
	special	others	others	Single-family houses P > 50 kW					
Type of Basic Rate	1 A	1 B	1 C	1 D	2 A	2 B	2 C	2 D	
TOTAL Cost €		302.78	52.90	47.17	22.68	25.55	16.96	2.62	

Description

Description						
Type 1	 Installations that require a Project A) and a preliminary inspection by the OCA, and a Backup Supply System if it is a place of Public Assembly. B) and a preliminary inspection by the OCA and are not Type 1,A. C) and do not require a preliminary inspection by the OCA. 					
	D) and do not require a preliminary inspection by the OCA (single-family houses P > 50 kW)					
Type 2	Installations that require a Technical Design Report					
71	A) Non residential buildings					
	B) Single-family houses P > 50 kW					
	C) Installations of groups of housing units without individual facilities					
	D) Condominiums					
	Single-family houses. Does not share common walls with other buildings.					
	Independent facilities Garage, pool, outdoor lighting, pumps (wells, etc.)					

Rates

n1 = Number of housing units

n2 = Number of independent facilities (Garage, pool, outdoor lighting, pumps, etc.)

Formula for with Project or MTD except housing units.

Type IV Rate for with MTD facilities, except housing units = 2.A

Second or subsequent visits Starting from 180 € minimum to 50% of Initial Rate

VAT excluded Rates









ANNEX IV

2007 RATES

INDUSTRIES AND	2007	
Up to	3,005.06 €	46.93 €
Up to	6,010.12 €	83.83 €
Up to	30,050.61 €	150.84 €
Up to	60,101.21 €	217.86 €
Up to	120,202.42 €	234.21 €
From (N stands for total num	120,202.43 € upwards mber of condominiums, each at 6,010,12 € or fraction)	11.75 € x N

To calculate N, divide the investment in Euros by 6,010.12 and round up the coefficient to a whole number.

Most common rates

Housing certificate	12.53 €
Non housing certificate	58.65 €
Housing heating system	12.53 €
Non housing heating system	58.65
Water supply system - per connection	12.53 €
Certificates and copies	41.89 €
Permit - DCE	50.30 €
Examination fees	11.88 €
Lifts	33.51 €
Pressure equipment	33.51 €
Inspections	46.93 €
Change of name, transfer and checks	83.83 €
Refrigeration system register	33.51 €
X-rays	83.83 €









ANNEX V



EUROECHO 2009 EUROPEAN SOCIETO CARRIOLOGY





ADDRESSES OF ASORCO-MADRID MEMBERS INSPECTION OF LOW VOLTAGE INSTALLATIONS (Rev. 01.01.05)

A.I.C.

Phone 91-380.62.57 Avda. Betanzos, 64 **28034 MADRID** Fax: 96-391.02.77 Mr. Juan Vte. Langa Reyes jvlanga_aic@wanadoo.es

APPLUS-AGBAR CERTIFICACIÓN

Principe de Vergara, 108-7º planta Phone 91-515.81.14 **28002 MADRID** Fax: 91-411.14.95 Mr. Manuel Reina mreina@appluscorp.com

ATISAE

Avda. Industria, 51-bis Phone 91-806.17.30 28760 TRES CANTOS Madrid Fax: 91-804.01.57 Mr. José Manuel del Castillo jmcastillo@atisae.com

BUREAU VERITAS

c/ Francisca Delgado, 11 Polígono Arroyo de la Vega Phone 91-270.22.00 28109 ALCOBENDAS Madrid Fax: 91-270.22.98 Mr. Javier Castells javier.castels@es.bureauveritas.com

CUALICONTROL-ACI, S.A.

C/Caleruega, 67 - 1°A Phone 91-766.31.33 **28033 MADRID** Fax: 91-767.17.99 Mr. Baltasar Hernando cca_oca@cuali-acisa.com

Parque Empresarial La Finca Phone 91-806.17.30 Pº del Club Deportivo, S/Nº, Edificio 12 Fax: 91-804.01.57 28223 POZUELO DE ALARCÓN Madrid madrid@eca.es Mr. Jesús Díaz

ENTECOI

C/Consuelo Guzmán, 3 – 5 Phone 91-511.02.42/8 **28044 MADRID** Fax: 91-511.04.35/6 Mr. Jorge Gisbert entecoi@madritel.es



EUROECHO 2009 GURCPI





EUROCONTROL

Phone 91-327.18.18 c/Albasanz, 79 **28037 MADRID** Fax: 91-754.52.95

Mr. Manuel Alonso seguridad.industrial@eurocontrol.es

INGENIERÍA DE GESTIÓN INDUSTRIAL, S.L.

Phone 91-640.40.70 (INGEIN, S.L.) Centro Europa Empresarial Fax: 91-640.40.71 C/Rozabella, 2 – 1°-A Edificio BERLIN aprada@itevelesa.com

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