



NATIONAL INSTITUTE FOR RESEARCH, DEVELOPMENT AND TESTING IN ELECTRICAL ENGINEERING - ICMET CRAIOVA

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REFERENCE LIST FOR HIGH VOLTAGE LABORATORY

No.	Factory	Tested equipment	Delivery year
1	2x1 HOLDING CAPE MIDIA	Current transformers; Tests on moment limiting device	2014; 2015
2	ABB AVANGARD BULGARIA	Disconnecter; Instrument transformer	2008; 2010; 2015
3	ABB ROMANIA	Power Transformer	1997; 1998; 1999; 2000
4	ABM AMPER LTD. UKRAINE	Vacuum Circuit-breaker	2013
5	ABS MINEL SERBIA	Circuit – breaker; MV Cubicles; Ceramic Insulators	2006; 2007; 2008; 2009
6	AK-AY ELEKTRIK TURKEY	Cubicle; Disconnecter devices; Disconnecter	2010; 2013, 2014, 2015
7	ALCE TURKEY	Transformers	2012; 2013, 2014, 2015
8	ALLYWELL ANGLIA	Lightning protector rod	2015
9	ALP TRANSFORMATOR TURKEY	Power Transformer	2010
10	ALSTOM FINLAND	HV Resistors; IT tests	2011; 2012, 2014; 2015
11	ANCOM BUCURESTI	EMC testing	2014
12	ANKARASERAMIC TURKEY	HV Insulators	2011
13	ANTERA STELL SRL	Weighing scale metrology test	2014
14	ARCTIC GAESTI	EMC testing	2014; 2015
15	ARES TRAFU TURKEY	Bushings	2013
16	AREVA TURKEY	Cubicle	2009
17	ARGILLON ROMANIA	Ceramic insulator	2006
18	ARTECHE NISSIN SPAIN	Inductive Transformer	2011; 2012, 2013, 2014
19	ARTECHE SPAIN	Instrument Transformer	2005, 2008, 2009, 2010, 2011, 2012, 2013, 2015
20	ASTOR TRANSFORMATOR TURKEY	Power Transformer	2006
21	ASTRA VAGOANE ARAD	EMC tests; Tramway interference measurement	2015
22	ASTROM GRID	Tests on current transformer	2015
23	ATAK TURKEY	LV Cubicle	2007
24	ATS TURKEY	Power Transformer	2009
25	AUTOMATICA	Tests on 24 kV switchgear	2015
26	AVEX ELECTRIC	Tests on disconnectors	2014
27	AYKON PANO ELEKTRIK	Tests on SF6 36 kV, 630 A/16 kA disconnector	2014
28	AZP TURKEY	Transformer	2012
29	AZUR SA TIMISOARA	Leakage current withstand coefficient tests	2014, 2015
30	BALIKESIR ELEKTROMEKANIK TURKEY	Power Transformer	2010; 2011; 2012; 2013
31	BATEL TURKEY	SF6 circuit breaker	2008; 2013
32	BAUM SIBIU	EMC testing	2015
33	BESE OZGUNY ELECTRIK TURKEY	Power Transformer	2007
34	BETA TRANSFORMER TURKEY	Power Transformer	2005; 2007; 2011
35	BILESIM TURKEY	Bushings	2008, 2009
36	BOGDAN BONIPLAST	Mechanical tests	2015
37	BTRAC ENGLAND	Bushings	2013

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38	BUROMARK TURKEY	Low voltage assembly	2010
39	C&I EUTRANS	EMC testing	2014
40	CEPROM	EMC testing	2015
41	CERASIND TURDA	Electrical tests	2015
42	CERB BULGARIA	Transformer	2013
43	CERT SING BUCURESTI	Measurements for container	2015
44	CET ARAD	Belt scale control	2014
45	CET GOVORA	Tests on equipment for measuring the cable tensile force and metrological test	2015
46	CGS INSTRUMENT TRANSFORMERS	Current transformer	2014
47	CIMTAV BATEL TURKEY	Cubicle	2012; 2013
48	CIROMAT SERVCONSTRUCT SRL CRAIOVA	Repair and inspection of metrological performance for "10000 Kg digital hook weighing scale"	2014
49	COELME INTERNATIONAL THAILANDA	Disconnecter	2012, 2014; 2015
50	COELME ITALY	Disconnecter	2011; 2012, 2013, 2015
51	COMPLEXUL ENERGETIC OLTENIA	Hook weighing scale metrological control; Weighing scale metrological test	2015
52	COMTEC	Tests on low voltage disconnector	2014
53	CONTROL ENGINEERING & ENERGY SRL	EMC testing	2014
54	CSATARI PLAST	Mechanical tests. IK testing for box; Fire safety tests	2015
55	CUMMINS GENERATOR	Tests on 5 P80 copper	2013, 2014
56	DAMEKS TURKEY	ESE lightning conductor	2013
57	DARIS INGINERING DOOEL SKOPJE	Tests on lightning protector rods	2014; 2015
58	DEFENSE ENGINEERING	EMC testing	2015
59	DELFIN TRANSFORMATOR TURKEY	Power transformers	2011
60	DEMITAS TURKEY	Circuit - breacker	2006; 2008; 2009
61	DESAT TURKEY	LV Cubicle	2007
62	DRAXL MAIER	EMC testing	2015
63	DRUSTVO SA ORGANICENOM	Tests on 21 kV earthing resistor	2014
64	EDE INSULATORS TURKEY	Epoxy Resin BushingPost Insulator	2006; 2007; 2013
65	EDE INTRA TURKEY	Instruments transformer	2012
66	EFACEC PORTUGAL	Disconnecter	2009; 2011
67	EGEMAC EGYPT	Cubicle	2011; 2012
68	EGESIM TURKEY	Cubicle	2008, 2014
69	EGIC FRANCE	Earthing switch single pole	2011; 2012, 2014
70	EGK FRANCE	Pantograph, Disconnecter	2012
71	EKOS TURKEY	Cubicle	2009; 2013
72	EKS PANO TURKEY	Distribution panel	2010
73	EL NESS SRL	EMC testing	2014
74	ELBA SA	EMC testing	2014
75	ELCOMEX IEA SA CERNAVODA	Chemical analysis of transformer oil corrosive content; Transformer oil analysis	2014, 2015
76	ELECTRES	Resistor testing	2015
77	ELECTRO ALFA INTERNATIONAL ROMANIA	MV Cubicle; IT tests	2007; 2008; 2009; 2011; 2012; 2014; 2015
78	ELECTRO- CERAMICA TURDA ROMANIA	HV Porcelain Insulators, cubicle	2006; 2011; 2012
79	ELECTRO PROMEX INVEST SRL	EMC testing	2014
80	ELECTROCLEM SRL	Mechanical tests on hinge type catch; stay clamp	2014
81	ELECTROGETZ BULGARIA	Transformer substation	2008
82	ELECTROMAGNETICA ROMANIA	Static meter; EMC testing	2011; 2015
83	ELECTROMECHANICA PIOSSASCO ITALY	Power transformers	2011
84	ELECTROMONTAJ SA	Tests on 25 MVA Power transformer oil; Transformer oil	2014; 2015

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85	ELECTROPUTERE AIT ROMANIA	Power Transformers; Instrument Transformer; IT tests; Voltage transformer; Partial discharge; Electrical tests	1980 - 2012, 2013, 2014; 2015
86	ELECTROPUTERE SA ROMANIA	MV Cubicle SF 6 Cubicle Stator bars MV Neutral Resistor; IT tests	1976; 1989; 1990; 1994; 2003; 2006; 2008; 2013; 2014; 2015
87	ELECTROSISTEM SRL	Salt fog	2015
88	ELECTROSTANDARD ROMANIA	Power Transformer	2007, 2014
89	ELECTROTEHNICA BUCURESTI	EMC test	2013
90	ELECTROTEL ALEXANDRIA ROMANIA	Cubicle; Protection degree	2010; 2011, 2014; 2015
91	ELEROM ROMAN ROMANIA	Power Transformer	2010, 2011, 2012, 2014, 2015
92	ELETTRO MAULE ITALY	Tap changers	2011; 2012
93	ELIA AD BULGARIA	Power transformer	2011
94	ELICOM BULGARIA	Compatibility testing	2015
95	ELIMSAN TURKEY	Cubicle Circuit - breacker; Current instrument transformer; Instrument transformer	2006; 2007, 2008; 2009; 2010, 2011; 2012; 2015
96	ELKIM TURKEY	Bushing	2010; 2012
97	ELKO TURKEY	Circuit – breacker; Cubicle	2006; 2008; 2009; 2012; 2013
98	ELKOM MD LTD BULGARIA	Transformer substation	2008; 2013
99	ELKOM SDN MALAEZIA	Tests on 24 kV 250 A insulators	2015
100	ELKOM TURKEY	Bushing	2010; 2012
101	ELMET GROUP& METAL ELECTRIC BUFTEA	Tests on distribution board on auxiliary in medium voltage/low voltage substations	2015
102	ELMET GROUP& METAL ELECTRIC BUFTEA	Measurement-protection block testing	2015
103	ELNOS - BELGRAD SERBIA	Transformer substation	2012
104	ELOPAR TURKEY	Disconnecter	2008
105	ELPA TURKEY	Disconnecter	2011
106	ELSTER	EMC testing	2015
107	ELTES TURKEY	Cubicle	2010
108	EL-TEST BULGARIA	Cubicle	2012
109	EMCO PAKISTAN	Insulator	2011
110	EMEC ELECTRIK TURKEY	Instrument Transformer	2007; 2008
111	EMEK TURKEY	Capacitive transformer	2011
112	EMON ELECTRIC ROMANIA	MV Cubicle	2000; 2001
113	EMTRAN TURKEY	Current instrument transformer	2009
114	ENERGO COM SA	Cable testing; IT tests; Partial discharge	2013, 2014; 2015
115	ENERGOBIT CLUJ-NAPOCA ROMANIA	MV Cubicle Transformer substation	1999; 2006; 2007; 2008; 2009, 2014
116	ENERGOTECH SA BUCURESTI	Tests on neutral grounding coil	2014
117	ER – KAR TURKEY	No-load tap changer	2008
118	ERA EPOKSI TURKEY	Bushings	2013
119	EREN TURKEY	Power Transformer	2006
120	ERGUN TURKEY	Resistor for neutral point earthing; Neutral resistor	2010; 2012; 2015
121	ERICO HOLLAND	Lightning conductor	2011
122	ERKOC TURKEY	Lightning conductor	2008
123	ESINVENT SRL	EMC testing	2014
124	ESITAS TURKEY	Instrument Transformer	2007; 2008; 2009; 2010; 2014
125	ET "EURO ENGINEERING – H RISTOMIR NIKOLAEV" BULGARIA	Lightning conductor	2012
126	EURELECS D.O.O BOSNIA AND HERZEGOVINA	Metal enclosed Switchgear	2013, 2014
127	EURO QUIP	Mechanical tests	2015
128	EUROPOWER TURKEY	Cubicle	2009; 2011; 2012; 2013

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129	EXIMPROD BUZAU ROMANIA	Post composite insulator; Mechanical tests for transformer; IT tests; Three pole disconnect switch	2009, 2010; 2011; 2012; 2013, 2014, 2015
130	FABRIKA MERNIK TRANSFORMATOR SERBIA	Instrument Transformer	2007;2009; 2010, 2011, 2012; 2013, 2014
131	FALCON ELECTRONICS PROD BUCURESTI	EMC testing	2014
132	FAMI ELECTRONIC SRL	EMC and fire safety testing; Metrological test	2015
133	FEPO INDUSTRY SERBIA	Instrument Transformer	2002
134	FOREND ELEKTRIK TURKEY	Lightning conductor	2003, 2005; 2008; 2009; 2011, 2014
135	GAMEX SRL	EMC testing	2014
136	GNUTTI ITALY	Bushing	2012
137	GPS SECURITY AND MANAGEMENT	EMC testing	2014
138	GRUPPO BONOMI EUGENIO ITALY	Composite insulators	2007
139	GUMON SLOVAKIA	HV-Bushings	2001; 2008; 2010
140	GURAL TURKEY	Disconnecter	2008; 2009; 2010; 2011; 2013
141	HELLA SRL	EMC testing	2014; 2015
142	HIDROELECTRICA SERV	Chromatography analysis of dissolved gas-in-oil for 40 MVA transformer	2014
143	HILKAR ELEKTRIK	Tests on tuning coils and neutral connected to ground via resistor	2014, 2015
144	HOLCIM BUCURESTI	Tests on current and voltage transformer	2015
145	HYUNDAI HEAVY INDUSTRIES CO BULGARIA	Power Transformer; HV Tap Changer	2007; 2015
146	IAC MANAGEMENT	EMC testing	2014
147	IBR GERMANY	Isolated phase bus	2011
148	ICPE SAERP BUCURESTI	EMC testing	2014
149	IMSAT PROIECT SA BUCURESTI ROMANIA	Composite insulators	2007
150	INCOMISA	Tests on 500 kV insulators	2014
151	INDAELTRAC ROMANIA	Dielectric strength testing; Testing on driving system with three phase inverters and induction motors for tram wagons; Technical control for tramway static source; EMC testing for static source	2013, 2014; 2015
152	INDUSTRIE TRANSFORMATORI NEWTON	Power transformer	2014
153	INOVATIVE TECHNOLOGY INDUSTRIE	EMC test	2014
154	INSTAL ELECTROMAYER SRL BISTRITA ROMANIA	Switch breaker	2006
155	INSTITUTIA PREFECTULUI DOLJ	EMC testing	2014
156	INTERLOGISTIC	EMC testing	2014
157	IPROEB BISTRITA	Composit insulator; Cables; Partial discharge calibrator	2003; 2004; 2006; 2007; 2008; 2009; 2010; 2012, 2014, 2015
158	ISC GLOBAL INDIA	Lightning protector rod	2015
159	ISOELECTRIC ITALY	Composite insulators	2006; 2007; 2009
160	IT RO RAIL ITALIA	Insulator testing	2015
161	ITALMODALUCE BULGARIA	Transformer substation	2008
162	ITALOTEHNICA T&D IMPEX SRL	Tests on concrete envelope substation type PCS 20/0,4 kV, 160kVA	2014
163	KALESERAMIK TURKEY	Composit insulator	2010; 2011, 2014
164	KOBER SRL ROMANIA	EMC and Low Voltage	2013
165	KOYO ALEXANDRIA	Transformer oil testing	2014; 2015
166	LEMI BULGARIA	Power Transformer	2009, 2010
167	LET VET SRL	EMC testing	2014
168	LINDE GAZ	Power transformer oil testing	2014
169	LUHOT RUDOV ISRAEL	Low voltage assembly Cubicle	2010; 2012

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170	MAIRA MONTAJ ROMANIA	Composite Insulators; Transformer oil dielectric strength; Oil, oil strength testing; Dielectric withstand-voltage test	2006 up to 2012, 2013, 2014; 2015
171	MAKSAN TURKEY	Power Transformer	2006; 2007; 2012
172	MDM CERTIFICARE	EMC testing	2014, 2015
173	MER ELECTROPUTERE	High Voltage Motors	2013
174	METIX BULGARIA	Transformer substation	2008
175	METROREAL	Metrological testing; TAMTRON weighing scale testing;	2013; 2014; 2015
176	MICAFIL SWITZERLAND	HV-Bushings	2008; 2009; 2010
177	MINEL SERBIA	Instrument Transformer	1996;1997; 2005; 2006; 2007; 2008, 2014; 2015
178	MIRA TEHNOLOGI GRUP	EMC testing	2015
179	MISCAREA ROMANA PENTRU CALITATE	Low voltage tests; EMC testing; Climatique tests; Exhaust gas analyser	2014; 2015
180	MONTPROJECT SERBIA	Vaccum circuit - breacker	2006
181	NECKS SWEDEN	Insulator string	2009
182	NECOM ROMANIA	Voltage instrument transformer	2010
183	NKT CABLES DENMARK	HV-DC Cable 450 kV	1999
184	OKURA CONSULT SRL	EMC testing	2014; 2015
185	OZ DIRENC	Tests on 36 kV neutral connected to ground via resistor; Neutral earthing resistor	2014; 2015
186	OZGUNY TURKEY	Power Transformer	2008;2009; 2010
187	PANEL ELEKTRIK TURKEY	Cubicle	2009
188	PASSONI VILLA ITALY	HV-Bushings	1985; 2001; 2006; 2008; 2009; 2010; 2011; 2012
189	PAVEL & SONS BULGARIA	MV Internal Transformer Substation	2007
190	PEROM BACAU ROMANIA	MV Panels	2000
191	PFIFNNER TURKEY	Current instrument transformer	2006; 2008; 2009, 2010; 2013, 2014
192	PFISTERER SWITZERLAND	Insulator string	2008; 2010
193	PIRELLY ROMANIA	MV – Cables	2004; 2010
194	PITTAS GREECE	Lightning conductor	2010
195	POPECI	EMC testing	2015
196	PORCELANAS INDUSTRIALE	Insulator testing	2015
197	POWERTEC Ltd GREECE	ZnO housing 21kV	2009
198	PRO OPTICA SA	EMC testing	2013, 2014; 2015
199	PROSEP SRL	Metrological control of TAMTRON weighing scale; Metrological test	2013, 2014, 2015
200	PSYHOMETRIC	EMC testing	2015
201	QUALITY STRENGTH TAIWAN	Lightning conductor	2012
202	RADCOM SRL	EMC testing	2014
203	RADE KONCARr SKOPIE MACEDONIA	Power Transformer; Transformer Substation	2010
204	RADSAN TURCIA	Tests on lightning protector rod	2015
205	RATB BUCURESTI	EMC testing	2015
206	RDS&RCS ORADEA	EMC testing	2015
207	REBOSIO TURKEY	Insulators	2012
208	RECOMPLAST BUZAU	Tests on support composite insulators	2014
209	REDANS SRL GALATI	EMC testing	2014
210	REGISTRUL AUTO ROMAN	EMC testing	2015
211	RELOC SA	EMC testing	2014, 2015
212	REPUESTOS ISODEL SPAIN	Converter	2012

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213	RETRASIB ROMANIA	Partial Discharges ; Power Transformers; Oil analysis; Autotransformer testing; Impulse voltage testing; 250/75 MVA transformer	2013, 2014, 2015
214	RETROFIT ROMANIA	MV Cubicle	2007
215	ROMAG-PROD ROMANIA	Surge arrester	2007; 2008; 2010
216	ROMTEST ELECTRONIC	EMC testing	2015
217	RONERA	Dielectric withstand-voltage test	2015
218	RS ISOLSEC FRANCE	Power Transformer Instrument Transformer	2003
219	SAMANTIS	Tensile strength tests for 600 V, 630 A	2015
220	SAMARA RUSIA	Current transformer	2015
221	SANATRONIC BUCURESTI	EMC testing	2015
222	SANTIER NAVAL DAME GALATI	T2R3 electronic circuit	2015
223	SARL CELCO	Tests on 24 kV switchgear	2015
224	SCHIRTEC – AS AUSTRIA	Lightning conductor	2006; 2007; 2012
225	SCHNEIDER ELECTRIC GREECE	Transformers	2011
226	SCHNEIDER ELECTRIC ROMANIA	Tests on 20 kV current transformers	2014
227	SCHNEIDER ELECTRIC TURKEY	Cubicle, Bushings	2009, 2012
228	SDM TG - JIU USM ROVINARI	Metrological control for hook weighing scale	2014
229	SETAS ELECTRIK TURKEY	MV Cubicle	2007
230	SETMAŞ TURKEY	Cubicle	2008
231	SIEMENS AG GERMANY	Surge arrester	2011
232	SIEMENS SAN. VE TIC. A.S. TURKEY	Three pole disconnecter	2011, 2015
233	SIEMENS SRL ROMANIA	Oil testing	2014
234	SIMTECH BUCURESTI	Oil testing	2015
235	SMART BUCURESTI	Bushings	2013, 2014
236	SMART SIBIU	Calibration system; Calibration of 120 kV kit	2014; 2015
237	SOFTRONIC ROMANIA	Tests, Gas and Oil Analysis	2013, 2014
238	SOLCON ISRAEL	Switchgear	2013
239	SPIACT CRAIOVA ROMANIA	Transformer; Adjustable rod; Mechanical and vibration testing	2011, 2014; 2015
240	SWARCO	Protection degree; Mechanical testing	2015
241	T&D PRO ELECTRIC SRL	Tests on precast kiosk - IP33 protection degree	2014
242	TAISURGE TAIWAN	Lightning conductor; Lightning protector rod	2009, 2010, 2014; 2015
243	TECHNOSOFT INTERNATIONAL SRL	EMC testing;	2014; 2015
244	TEI MONT MONTENEGRO	Bushing	2008
245	TEK INVEST	Protection Degree	2013; 2015
246	TEMPA SISTEM TURKEY	MV Cubicle	2005
247	TEMSAN TURKEY	Circuit - breaker	2006
248	TIMSAN TRANSFORMATOR SANAYI MALATYA TURKEY	Power Transformer	2007, 2012
249	TITAN MASINI GRELE SA	EMC testing	2013; 2014, 2015
250	TOZZI ELECTRICAL	High voltage switch	2014
251	TRAFO CONSULT CRAIOVA	Tests on transformer oil	2014
252	TRANSCOM' S LTD	Tests on composite insulators	2015
253	TRANS-EL TURKEY	Power Transformers	2005
254	TRANSTEK TRANSFORMATOR TURKEY	Power Transformer	2007
255	ULUSOY TURKEY	MV Cubicle	2008; 2009; 2010; 2011; 2012, 2014
256	UMEB SA BUCURESTI	Tests for construction protection degree IP66	2014, 2015
257	UTI BUCURESTI	Climatic tests; EMC Tests; Fire security testing	2014; 2015
258	UYAN TURKEY	Cubicle	2010
259	VERTATEL ROMANIA	Transformer substation	2011
260	VIMKA GREECE	Fusebase	2013, 2014

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261	VTV MAKLER SERBIA	Glas insulator Glas Insulator string	2008, 2014
262	WATTSUD LEP SPA	Current Transformer	2014
263	WIPRO RAMNICU-VALCEA	Calibration of gantry crane scale	2015
264	YAVUZ PANO ELEKTRIK TURKEY	MV Cubicle	2005
265	ZAJECAR SERBIA	Current transformer	2009
266	ZKUŠEBNICTVI A.S. CHECK REPUBLIC	Current transformers	2011