



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMCCONS DR. RASEK GMBH & CO. KG¹
Boelwiese 8
91320 Ebermannstadt, GERMANY
Dr.-Ing. Andreas Abach (Primary Contact)
Phone: + 49 9194 7262-0 Email: a.abach@emcc.de
Mrs. Patricia Scholl (Deputy Primary Contact and Automotive EMC Technical Contact)
Phone: + 49 9194 7262-0 Email: p.scholl@emcc.de
Franz Hanske (Authorized Representative)
Phone: + 49 9194 7262-0 Email: f.hanske@emcc.de
Reinhard Sauerschell (Deputy Authorized Representative and Automotive EMC Technical Contact)
Phone: + 49 9194 7262-0 Email: r.sauerschell@emcc.de

ELECTRICAL

Valid To: August 31, 2019

Certificate Number: 2032.01

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory at the location listed above *as well as the satellite laboratory location listed below* to perform the following automotive electromagnetic compatibility tests:

<u>Test Technology</u>	<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
<u>Electrostatic Discharge (ESD)</u>	ISO 10605	2001	
	ISO 10605	2008	
	BMW GS95002-2	2013	5.9, 5.10, 5.11
	Chrysler CS-11979	2010	7.0, 7.1, 7.2
	Chrysler CS-11809	2009	7.0, 7.1, 7.2
	Daimler/Chrysler DC11224	2007	10, 10.1, 10.2
	Fiat 9.90110	2007	3.9.11
	Fiat 9.90111-01	2012	7
	Ford ES-XW7T-1A278-AC	2003	CI280
	Ford EMC CS-2009.1	2010	CI280
	Ford FMC1278	2015	CI280
	Ford FMC 1278	2016	CI280
	GMW3097	2006	3.6
	GMW3097	2012	3.6
	GMW3097	2015	3.6
	Hyundai ES96200-00 [L]	2014	9
	Hyundai ES96200-00 [N]	2015	9
	Hyundai ES96200-00 [O]	2016	8
	EMC CS-2010JLR_v1.2	2012	CI280
	JLR-EMC-CS v1.0 Amendment 3	2014	CI280
	JLR-EMC-CS v1.0 Amendment 4	2015	CI280
	MAN M 3285	2008	9
	Mercedes Benz MBN 10284-2	2008	17, 18, 19

Test Technology
Electrostatic Discharge (ESD)
(continued)

<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
Mercedes Benz MBN 10284-2	2011	17, 18, 19
Mercedes Benz MBN 10284-2	2015	18, 19, 20
Mercedes Benz MBN 10284-4	2011	16, 17, 18
Mitsubishi ES-X82114_Rev D	2009	10
Nissan 28400 NDS91 [1]	2012	IR03, IR04
Nissan 28401 NDS02 [5]	2010	IR03, IR04
Nissan 28401 NDS02 [6]	2013	IR03, IR04
PSA B21 7110 [C]	2008	IR03, IR04
PSA B21 7110 [D]	2012	IR03, IR04
PSA B21 7110 [E]	2015	IR03, IR04
Renault 36-00-808 [--L]	2010	IR03, IR04
Renault 36-00-808 [--M]	2012	IR03, IR04
Renault 36-00-808 [--N]	2016	IR03, IR04
SAE J1113-13	2015	
STD 515-0003, Vers 4	2009	8
VW TL 82466	2009	
VW TL 81000	2013	3.1
VW TL 81000	2014	3.1
VW TL 81000	2016	3.1

RF Conducted Emissions

CISPR 25	2008	6.2, 6.3
CISPR 25	2002	6.2, 6.3
CISPR 25	2016	6.3, 6.4
BMW GS95002-2	2013	4.2, 4.5
BMW GS95002-5	2013	4.2
Chrysler CS-11979	2010	5.1, 5.2
Chrysler CS-11809	2009	5.1, 5.2
Daimler/Chrysler DC11224	2007	6.2, 6.3
Fiat 9.90110	2007	3.9.12.2
Fiat 9.90111-01	2012	5.1, 5.2
Ford ES-XW7T-1A278-AC	2003	CE420
Ford EMC CS-2009.1	2010	CE420, CE421
Ford FMC1278	2015	CE420, CE421
Ford FMC1278	2016	CE420, CE421
GMW3097	2006	3.3.2
GMW3097	2012	3.3.2
GMW3097	2015	3.3.2
Hyundai ES96200-00 [L]	2014	6
Hyundai ES96200-00 [N]	2015	6
Hyundai ES96200-00 [O]	2016	5.2, 5.3
EMC CS-2010JLR_v1.2	2012	CE420, CE421
JLR-EMC-CS v1.0 Amendment 3	2014	CE420
JLR-EMC-CS v1.0 Amendment 4	2015	CE420
MAN M 3285	2008	6.4
Mercedes Benz MBN 10284-2	2008	6
Mercedes Benz MBN 10284-2	2011	6
Mercedes Benz MBN 10284-2	2015	6
Mercedes Benz MBN 10284-4	2011	6
Mitsubishi ES-X82114, Rev D	2009	6.3, 6.4
Nissan 28400 NDS91 [1]	2012	MC02, MC03
Nissan 28401 NDS02 [5]	2010	MC02, MC03
Nissan 28401 NDS02 [6]	2013	MC02, MC03

Test Technology
RF Conducted Emissions
(continued)

<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
PSA B21 7110 [C]	2008	MC02
PSA B21 7110 [D]	2012	MC02, MC03
PSA B21 7110 [E]	2015	MC02, MC03
Renault 36-00-808 [--L]	2010	MC02, MC03
Renault 36-00-808 [--M]	2012	MC02, MC03
Renault 36-00-808 [--N]	2016	MC02, MC03
SAE J1113-41	2000	5
STD 515-0003, Vers 4	2009	4.2
VW TL965	2012	5.3, 5.6
VW TL965	2009	5.1, 5.4
VW TL 81000	2013	3.3.5, 3.3.9
VW TL 81000	2014	3.3.5, 3.3.9
VW TL 81000	2016	3.3.5, 3.3.8

RF Radiated Emissions

CISPR 25	2008	6.4
CISPR 25	2002	6.4
CISPR 25	2016	6.5
BMW GS95002-2	2013	4.3
BMW GS95002-5	2013	4.3, 4.4
Chrysler CS-11979	2010	5.3
Chrysler CS-11809	2009	5.3
Daimler/Chrysler DC11224	2007	6.4
Fiat 9.90110	2007	3.9.12.1
Fiat 9.90111-01	2012	5.3
Ford ES-XW7T-1A278-AC	2003	RE310
Ford EMC CS-2009.1	2010	RE310
Ford FMC1278	2015	RE310
Ford FMC1278	2016	RE310
GMW3097	2006	3.3.1
GMW3097	2012	3.3.1
GMW3097	2015	3.3.1
Hyundai ES96200-00 [L]	2014	5
Hyundai ES96200-00 [N]	2015	5
Hyundai ES96200-00 [O]	2016	5.1
JLR-EMC CS-2010JLR_v1.2	2012	RE310
JLR-EMC-CS v1.0 Amendment 3	2014	RE310
JLR-EMC-CS v1.0 Amendment 4	2015	RE310
MAN M 3285	2008	6.5
Mercedes Benz MBN 10284-2	2008	9
Mercedes Benz MBN 10284-2	2011	8
Mercedes Benz MBN 10284-2	2015	7
Mercedes Benz MBN 10284-4	2011	8
Mitsubishi ES-X82114, Rev D	2009	6.5
Nissan 25915 NDS23 [N]	2010	
Nissan 28400 NDS91 [1]	2012	MR01
Nissan 28401 NDS02 [5]	2010	MR01
Nissan 28401 NDS02 [6]	2013	MR01
PSA B21 7110 [C]	2008	MR01
PSA B21 7110 [D]	2012	MR01
PSA B21 7110 [E]	2015	MR01
Renault 36-00-808 [--M]	2012	MR01
Renault 36-00-808 [--L]	2010	MR01

<u>Test Technology</u>	<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
<i>RF Radiated Emissions</i> <i>(continued)</i>	Renault 36-00-808 [--N]	2016	MR01
	SAE J1113-41	2000	7
	STD 515-0003, Vers 4	2009	6.2
	VW TL965	2012	5.4
	VW TL965	2009	5.3
	VW TL 81000	2013	3.3.6
	VW TL 81000	2014	3.3.6
	VW TL 81000	2016	3.3.6
<i>Absorber-Lined Shielded Enclosure (ALSE)</i> <i>(up to 18 GHz, incl. Radar Pulse)</i>	ISO 11452-2	2004	
	BMW GS95002-2	2013	5.3
	Chrysler CS-11979	2010	6.2
	Chrysler CS-11809	2009	6.2
	Daimler/Chrysler DC11224	2007	7.3, 7.4
	Fiat 9.90110	2007	3.9.9
	Fiat 9.90111-01	2012	6.2
	Ford ES-XW7T-1A278-AC	2003	RI114
	Ford EMC CS-2009.1	2010	RI114
	Ford FMC1278	2015	RI114
	Ford FMC1278	2016	RI114
	GMW3097	2006	3.4.2
	GMW3097	2012	3.4.2
	GMW3097	2015	3.4.2
	Hyundai ES96200-00 [L]	2014	4
	Hyundai ES96200-00 [N]	2015	4
	Hyundai ES96200-00 [O]	2016	4.2
	EMC CS-2010JLR_v1.2	2012	RI114
	JLR-EMC-CS v1.0 Amendment 3	2014	RI114
	JLR-EMC-CS v1.0 Amendment 4	2015	RI114
	MAN M 3285	2008	6.6.2
	Mercedes Benz MBN 10284-2	2008	13
	Mercedes Benz MBN 10284-2	2011	13
	Mercedes Benz MBN 10284-2	2015	13
	Mercedes Benz MBN 10284-4	2011	12
	Mitsubishi ES-X82114, Rev D	2009	7.4, 7.5
	Nissan 28401 NDS91 [1]	2012	IR01
	Nissan 28401 NDS02 [5]	2010	IR01
	Nissan 28401 NDS02 [6]	2013	IR01
	PSA B21 7110 [C]	2008	IR01
	PSA B21 7110 [D]	2012	IR01
	PSA B21 7110 [E]	2015	IR01
	Renault 36-00-808 [--M]	2012	IR01
	Renault 36-00-808 [--L]	2010	IR01
	Renault 36-00-808 [--N]	2016	IR01
	SAE J1113-21	2005	
	STD 515-0003, Vers 4	2009	7.3
	VW TL 82166	2011	6.2
	VW TL 81000	2013	3.2.3
	VW TL 81000	2014	3.2.3
	VW TL 81000	2016	3.2.3

<u>Test Technology</u>	<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
Bulk Current Injection (BCI)	ISO 11452-4	2005	
	ISO 11452-4	2011	
	BMW GS95002-2	2013	5.2, 5.5
	Chrysler CS-11809	2009	6.1
	Chrysler CS-11979	2010	6.1
	Daimler/Chrysler DC11224	2007	7.2
	Fiat 9.90110	2007	3.9.8
	Fiat 9.90111-01	2012	6.1
	Ford ES-XW7T-1A278-AC	2003	RI112
	Ford EMC CS-2009.1	2010	RI112
	Ford FMC1278	2015	RI112
	Ford FMC1278	2016	RI112
	GMW3097	2006	3.4.1
	GMW3097	2012	3.4.1
	GMW3097	2015	3.4.1
	Hyundai ES96200-00 [L]	2014	4
	Hyundai ES96200-00 [N]	2015	4
	Hyundai ES96200-00 [O]	2016	4.1
	JLR-EMC CS-2010JLR_v1.2	2012	RI 112
	JLR-EMC-CS v1.0 Amendment 3	2014	RI112
	JLR-EMC-CS v1.0 Amendment 4	2015	RI112
	MAN M 3285	2008	
	Mercedes Benz MBN 10284-2	2008	12
	Mercedes Benz MBN 10284-2	2011	12
	Mercedes Benz MBN 10284-2	2015	12
	Mercedes Benz MBN 10284-4	2011	11
	Mitsubishi ES-X82114, Rev D	2009	7.3
	Nissan 28400 NDS05 [8]	2007	1
	Nissan 28400 NDS91 [1]	2012	IC08
	Nissan 28401 NDS02 [5]	2010	IC08
	Nissan 28401 NDS02 [6]	2013	IC08
	PSA B21 7110 [D]	2012	IC08
	PSA B21 7110 [C]	2008	IC08
PSA B21 7110 [E]	2015	IC08	
Renault 36-00-808 [--L]	2010	IC08	
Renault 36-00-808 [--M]	2012	IC08	
Renault 36-00-808 [--N]	2016	IC08	
SAE J1113-4	2014		
STD 515-0003, Vers 4	2009	7.3	
VW TL 81000	2013	3.2.2	
VW TL 81000	2014	3.2.2	
VW TL 81000	2016	3.2.2	
VW TL 82166	2011	6.1	

¹ This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratory listed below:

<u>Test Technology</u>	<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
<i>Electrostatic Discharge (ESD)</i>	ISO 10605	2001	
	ISO 10605	2008	
	BMW GS95002-2	2013	5.9, 5.10, 5.11
	Chrysler CS-11979	2010	7.0, 7.1, 7.2
	Chrysler CS-11809	2009	7.0, 7.1, 7.2
	Daimler/Chrysler DC11224	2007	10, 10.1, 10.2
	Fiat 9.90110	2007	3.9.11
	Fiat 9.90111-01	2012	7
	Ford ES-XW7T-1A278-AC	2003	CI280
	Ford EMC CS-2009.1	2010	CI280
	Ford FMC1278	2015	CI280
	Ford FMC1278	2016	CI280
	GMW3097	2006	3.6
	GMW3097	2012	3.6
	GMW3097	2015	3.6
	Hyundai ES96200-00 [L]	2014	9
	Hyundai ES96200-00 [N]	2015	9
	Hyundai ES96200-00 [O]	2016	8
	EMC CS-2010JLR_v1.2	2012	CI280
	JLR-EMC-CS v1.0 Amendment 3	2014	CI280
	JLR-EMC-CS v1.0 Amendment 4	2015	CI280
	MAN M 3285	2008	9
	Mercedes Benz MBN 10284-2	2008	17, 18, 19
	Mercedes Benz MBN 10284-2	2011	17, 18, 19
	Mercedes Benz MBN 10284-2	2015	18, 19, 20
	Mercedes Benz MBN 10284-4	2011	16, 17, 18
	Mitsubishi ES-X82114, Rev D	2009	10
	Nissan 28400 NDS91 [1]	2012	IR03, IR04
	Nissan 28401 NDS02 [5]	2010	IR03, IR04
	Nissan 28401 NDS02 [6]	2013	IR03, IR04
	PSA B21 7110 [C]	2008	IR03, IR04
	PSA B21 7110 [D]	2012	IR03, IR04
	PSA B21 7110 [E]	2015	IR03, IR04
Renault 36-00-808 [--M]	2012	IR03, IR04	
Renault 36-00-808 [--L]	2010	IR03, IR04	
Renault 36-00-808 [--N]	2016	IR03, IR04	
SAE J1113-13	2015		
STD 515-0003, Vers 4	2009	8	
VW TL 82466	2009		
VW TL 81000	2013	3.1	
VW TL 81000	2014	3.1	
VW TL 81000	2016	3.1	
<i>RF Conducted Emissions</i>	CISPR 25	2008	6.2, 6.3
	CISPR 25	2002	6.2, 6.3
	CISPR 25	2016	6.3, 6.4

Test Technology
RF Conducted Emissions
(continued)

<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
BMW GS95002-2	2013	4.2, 4.5
BMW GS95002-5	2013	4.2
Chrysler CS-11979	2010	5.1, 5.2
Chrysler CS-11809	2009	5.1, 5.2
Daimler/Chrysler DC11224	2007	6.2, 6.3
Fiat 9.90110	2007	3.9.12.2
Fiat 9.90111-01	2012	5.1, 5.2
Ford ES-XW7T-1A278-AC	2003	CE420
Ford EMC CS-2009.1	2010	CE420, CE421
Ford FMC1278	2015	CE420, CE421
Ford FMC1278	2016	CE420, CE421
GMW3097	2006	3.3.2
GMW3097	2012	3.3.2
GMW3097	2015	3.3.2
Hyundai ES96200-00 [L]	2014	6
Hyundai ES96200-00 [N]	2015	6
Hyundai ES96200-00 [O]	2016	5.2, 5.3
EMC CS-2010JLR_v1.2	2012	CE420, CE421
JLR-EMC-CS v1.0 Amendment 3	2014	CE420
JLR-EMC-CS v1.0 Amendment 4	2015	CE420
MAN M 3285	2008	6.4
Mercedes Benz MBN 10284-2	2008	6
Mercedes Benz MBN 10284-2	2011	6
Mercedes Benz MBN 10284-2	2015	6
Mercedes Benz MBN 10284-4	2011	6
Mitsubishi ES-X82114, Rev D	2009	6.3, 6.4
Nissan 28401 NDS02 [1]	2012	MC02, MC03
Nissan 28401 NDS02 [5]	2010	MC02, MC03
Nissan 28401 NDS02 [6]	2013	MC02, MC03
PSA B21 7110 [C]	2008	MC02
PSA B21 7110 [D]	2012	MC02, MC03
PSA B21 7110 [E]	2015	MC02, MC03
Renault 36-00-808 [--M]	2012	MC02, MC03
Renault 36-00-808 [--L]	2010	MC02, MC03
Renault 36-00-808 [--N]	2016	MC02, MC03
SAE J1113-41	2000	5
STD 515-0003, Vers 4	2009	4.2
VW TL965	2012	5.3, 5.6
VW TL965	2009	5.1, 5.4
VW TL 81000	2013	3.3.5, 3.3.9
VW TL 81000	2014	3.3.5, 3.3.9
VW TL 81000	2016	3.3.5, 3.3.8

RF Radiated Emissions

CISPR 25	2008	6.4
CISPR 25	2002	6.4
CISPR 25	2002	6.5
BMW GS95002-2	2013	4.3
BMW GS95002-5	2013	4.3, 4.4
Chrysler CS-11979	2010	5.3
Chrysler CS-11809	2009	5.3

Test Technology
RF Radiated Emissions
(continued)

<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
Daimler/Chrysler DC11224	2007	6.4
Fiat 9.90110	2007	3.9.12.1
Fiat 9.90111-01	2012	5.3
Ford ES-XW7T-1A278-AC	2003	RE310
Ford EMC CS-2009.1	2010	RE310
Ford FMC1278	2015	RE310
Ford FMC1278	2016	RE310
GMW3097	2006	3.3.1
GMW3097	2012	3.3.1
GMW3097	2015	3.3.1
Hyundai ES96200-00 [L]	2014	5
Hyundai ES96200-00 [N]	2015	5
Hyundai ES96200-00 [O]	2016	5.1
EMC CS-2010JLR_v1.2	2012	RE310
JLR-EMC-CS v1.0 Amendment 3	2014	RE310
JLR-EMC-CS v1.0 Amendment 4	2015	RE310
MAN M 3285	2008	6.5
Mercedes Benz MBN 10284-2	2008	9
Mercedes Benz MBN 10284-2	2011	8
Mercedes Benz MBN 10284-2	2015	7
Mercedes Benz MBN 10284-4	2011	8
Mitsubishi ES-X82114, Rev D	2009	6.5
Nissan 25915 NDS23 [N]	2010	
Nissan 28400 NDS91 [1]	2012	MR01
Nissan 28401 NDS02 [5]	2010	MR01
Nissan 28401 NDS02 [6]	2013	MR01
PSA B21 7110 [C]	2008	MR01
PSA B21 7110 [D]	2012	MR01
PSA B21 7110 [E]	2015	MR01
Renault 36-00-808 [--M]	2012	MR01
Renault 36-00-808 [--L]	2010	MR01
Renault 36-00-808 [--N]	2016	MR01
SAE J1113-41	2000	7
STD 515-0003, Vers 4	2009	6.2
VW TL965	2012	5.4
VW TL965	2009	5.3
VW TL 81000	2013	3.3.6
VW TL 81000	2014	3.3.6
VW TL 81000	2016	3.3.6
<i>Absorber-Lined Shielded Enclosure (ALSE)</i> <i>(up to 18 GHz, incl. Radar Pulse)</i>		
ISO 11452-2	2004	
BMW GS95002-2	2013	5.3
Chrysler CS-11979	2010	6.2
Chrysler CS-11809	2009	6.2
Daimler/Chrysler DC11224	2007	7.3, 7.4
Fiat 9.90110	2007	3.9.9
Fiat 9.90111-01	2012	6.2
Ford ES-XW7T-1A278-AC	2003	RI114
Ford EMC CS-2009.1	2010	RI114
Ford FMC1278	2015	RI114
Ford FMC1278	2016	RI114
GMW3097	2006	3.4.2

<u>Test Technology</u>	<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>	
Absorber-Lined Shielded Enclosure (ALSE) (up to 18 GHz, encl. Radar Pulse) <i>(continued)</i>	GMW3097	2012	3.4.2	
	GMW3097	2015	3.4.2	
	Hyundai ES96200-00 [L]	2014	4	
	Hyundai ES96200-00 [N]	2015	4	
	Hyundai ES96200-00 [O]	2016	4.2	
	EMC CS-2010JLR_v1.2	2012	RI114	
	JLR-EMC-CS v1.0 Amendment 3	2014	RI114	
	JLR-EMC-CS v1.0 Amendment 4	2015	RI114	
	MAN M 3285	2008	6.6.2	
	Mercedes Benz MBN 10284-2	2008	13	
	Mercedes Benz MBN 10284-2	2011	13	
	Mercedes Benz MBN 10284-2	2015	13	
	Mercedes Benz MBN 10284-4	2011	12	
	Mitsubishi ES-X82114, Rev D	2009	7.4, 7.5	
	Nissan 28401 NDS91 [1]	2012	IR01	
	Nissan 28401 NDS02 [5]	2010	IR01	
	Nissan 28401 NDS02 [6]	2013	IR01	
	PSA B21 7110 [C]	2008	IR01	
	PSA B21 7110 [D]	2012	IR01	
	PSA B21 7110 [E]	2015	IR01	
	Renault 36-00-808 [--M]	2012	IR01	
	Renault 36-00-808 [--L]	2010	IR01	
	Renault 36-00-808 [--N]	2016	IR01	
	SAE J1113-21	2005		
	STD 515-0003, Vers 4	2009	7.3	
	VW TL 82166	2011	6.2	
	VW TL 81000	2013	3.2.3	
	VW TL 81000	2014	3.2.3	
	VW TL 81000	2016	3.2.3	
	Bulk Current Injection (BCI)	ISO 11452-4	2005	
		ISO 11452-4	2011	
		BMW GS95002-2	2013	5.2, 5.5
Chrysler CS-11809		2009	6.1	
Chrysler CS-11979		2010	6.1	
Daimler/Chrysler DC11224		2007	7.2	
Fiat 9.90110		2007	3.9.8	
Fiat 9.90111-01		2012	6.1	
Ford ES-XW7T-1A278-AC		2003	RI112	
Ford EMC-CS-2009.1		2010	RI112	
Ford FMC1278		2015	RI112	
Ford FMC1278		2016	RI112	
GMW3097		2006	3.4.1	
GMW3097		2012	3.4.1	
GMW3097		2015	3.4.1	
Hyundai ES96200-00 [L]		2014	4	
Hyundai ES96200-00 [N]		2015	4	
Hyundai ES96200-00 [O]		2016	4.1	
JLR-EMC-CS-2010JLR_v1.2		2012	RI112	
JLR-EMC-CS v1.0 Amendment 3		2014	RI112	
JLR-EMC-CS v1.0 Amendment		2015	RI112	
MAN M 3285		2008		

Test Technology
Bulk Current Injection (BCI)
(continued)

<u>Test Method(s)</u>	<u>Issue</u>	<u>Chapter</u>
Mercedes Benz MBN 10284-2	2008	12
Mercedes Benz MBN 10284-2	2011	12
Mercedes Benz MBN 10284-2	2015	12
Mercedes Benz MBN 10284-4	2011	11
Mitsubishi ES-X82114, Rev D	2009	7.3
Nissan 28400 NDS05 [8]	2007	1
Nissan 28401 NDS91 [1]	2012	IC08
Nissan 28401 NDS02 [5]	2010	IC08
Nissan 28401 NDS02 [6]	2013	IC08
PSA B21 7110 [D]	2012	IC08
PSA B21 7110 [C]	2008	IC08
PSA B21 7110 [E]	2015	IC08
Renault 36-00-808 [--L]	2010	IC08
Renault 36-00-808 [--M]	2012	IC08
Renault 36-00-808 [--N]	2016	IC08
SAE J1113-4	2014	
STD 515-0003, Vers 4	2009	7.3
VW TL 81000	2013	3.2.2
VW TL 81000	2014	3.2.2
VW TL 81000	2016	3.2.2
VW TL 82166	2011	6.1





Accredited Laboratory

A2LA has accredited

EMCCONS DR. RASEK GMBH & CO. KG

Ebermannstadt, Germany

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 23rd day of August 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2032.01
Valid to August 31, 2019

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.