



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Annexe au certificat d'accréditation
Bijlage bij accreditatiecertificaat
Annex to the accreditation certificate
Beilage zur Akkreditierungszertifikat

427-TEST

EN ISO/IEC 17025:2017

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Maureen Logghe

La Présidente du Bureau d'Accréditation
Voorzitster van het Accreditatiebureau
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

L'accréditation est délivrée à / De accreditatie werd uitgereikt aan
The accreditation is granted to / Die akkreditierung wurde erteilt für:

MULTITEL ASBL
Rue Pierre et Marie Curie 2
7000 Mons

Numéro d'entreprise / Ondernemingsnummer / Enterprise number / Unternehmensnummer:
0470.813.848

Sites d'activités / Activiteitencentra / Sites of activities / Standorte mit aktivitäten:

Bd Dolez	Boulevard Dolez 31 7000 Mons
Parc Initialis	Rue Pierre et Marie Curie 2 7000 Mons

Test code (reference of the internal test procedure (if relevant) or other unique identifier for the activity)	Product/ Matrix	Measured property/ parameter (type of test)	Reference to test method (reference of the standardised method, reference of the kit, reference of the derived or in house method)	Column to be retained only if relevant : Reference to product standard(s)	Test or measurement principle/measurement technique	Activity performed in following activity centres (if the activity is conducted on site or at the customer's premises : please indicate "on site" and specify from which activity centre this activity is coordinated)
NA-034 NA-042	On Board Computer Unit (EVC – European Vital Computer + DMI)	EVC (European Vital Computer) tests in the domain of ERTMS (European Rail Traffic Management System) Communication between EVC and : Odometry system, Train, DMI (Driver Machine Interface) RBC (Radio Block Center) Euroloop and Eurobalise	For testing: Subset-076-5-2 Subset-076-6-3 Subset-076-7 <u>For the architecture of test bench:</u> Subset-094 <u>Rem.</u> : "subsets- number" are defined by ERA (European Railway Agency)	UNISIG SUBSET-076	Verification of the operation of on-board ETCS equipment by simulation	Parc Initialis On site
NA-034 NA-042	KMC (On line Key Management)	EVC (European Vital Computer) tests in the domain of ERTMS (European Rail Traffic Management System) Communication between EVC and KMC	Internal test method : Subset-KMC For the architecture of test bench: Subset 137-OBU-ARCH	UNISIG SUBSET-137 Subset-KMC	Verification of the operation of on-board ETCS equipment by simulation	Parc Initialis On site
NA-044 NA-042	RBC (Radio Block Center)	RBC (Radio Block Center) tests in the domain of ERTMS (European Rail Traffic Management System) Communication between RBC and EVC	Internal test method : Subset-RBC For the architecture of test bench: Subset RBC- ARCH	UNISIG SUBSET-076 UNISIG SUBSET-039 Subset-RBC	Verification of the operation of ETCS equipment by simulation	Parc Initialis On site
NA-047 NA-042	ESC (ETCS System Compatibility)	ESC (ETCS System Compatibility) tests in the domain of ERTMS (European Rail Traffic Management System) Interoperability between RBC and EVC	Internal test method : Subset-ESC For the architecture of test bench: Subset ESC-ARCH Subset-094 Subset RBC- ARCH <u>Rem.</u> : "Subset- 94" is defined by ERA (European Railway Agency)	UNISIG SUBSET-076 UNISIG SUBSET-039 Subset-ESC	Verification of the interoperability of several ETCS equipments by simulation	Parc Initialis On site

NA-039	Eurobalise	Eurobalise laboratory tests in the domain of ERTMS (European Rail Traffic Management System) Eurobalise laboratory tests of the Eurobalise parameters	Technical Specifications for Interoperability (TSI), UNISIG Test Specifications for Eurobalise FFFIS, SUBSET-085, Section 4	UNISIG SUBSET-085	Verification of the operation of ETCS equipment by simulation	Bd Dolez
						Parc Initialis
NA-039	BTM (Balise Transmission Module)	Antenna Unit - BTM function laboratory tests in the domain of ERTMS (European Rail Traffic Management System) Antenna Unit - BTM function laboratory tests of the BTM parameters	Technical Specifications for Interoperability (TSI), UNISIG Test Specifications for Eurobalise FFFIS, SUBSET-085, Section 5	UNISIG SUBSET-085	Verification of the operation of ETCS equipment by simulation	Bd Dolez
						Parc Initialis
NA-039	BTM (Balise Transmission Module)	Antenna Unit - BTM function laboratory tests in the domain of ERTMS (European Rail Traffic Management System) Antenna Unit - BTM function laboratory tests of the BTM parameters	Eurobalise on-board equipment, susceptibility test specification SUBSET-116	UNISIG SUBSET-116	Verification of the operation of ETCS equipment by simulation	Bd Dolez
						Parc Initialis
NA-039	LTM (Loop Transmission Module)	Antenna Unit - LTM function laboratory tests in the domain of ERTMS (European Rail Traffic Management System) Antenna Unit - LTM function laboratory tests of the LTM parameters	Test specification for Euroloop SUBSET-103, Section 6	UNISIG SUBSET-103	Verification of the operation of ETCS equipment by simulation	Parc Initialis