

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Optical Patchcords and Pigtails

Product Description

Optical fibre patchcords and accessories for continuity and cross-connection of optical transmission paths.

Product Image



Scope of Acceptance

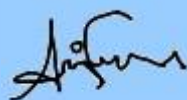
Full Acceptance

For use in connecting singlemode optical transmission paths on Network Rail's estate.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Reviewed by:

Authorised by



Aamir Malik
Product Acceptance Coordinator



Graham Smith
Network Technical Head of Telecoms

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section.

Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

Manufacturer

- 1) Refer General Terms and Conditions.

User

- 1) Only for use in environments with climate control.
- 2) The appropriate length of patchcord to be ordered.
- 3) Appropriate cable management to be used to store any excess patchcord length.
- 4) Patchcords with a 'flex angle' boot only to be used in special circumstances where the boot needs to be bent to accommodate tight clearance such as enabling an equipment cabinet door to close.
- 5) Secure SC/APC patchcords and unifiers are for preventing commercially-sensitive circuits from disruption.
- 6) Secure E2000/APC patchcords for use with fibres supporting DWDM transmission to control hazards associated with high-powered laser emission.
- 7) Ribbonised fibre pigtail sets only to be used for terminating ribbon fibre cables.

Product Configuration

System or Complete Assembly

When ordering, replace the "xxx" within the part number with a numerical value to represent the required length. For example, where "xxx" is replaced by "050" then a 5.0 metre patchcord will be supplied and where "xxx" is replaced by "157" a 15.7 metre patchcord will be supplied.

Note: patchcords are also available in 1, 2, 3, 5, 10, 15, 20, or 30 metre standard lengths

Additionally, when ordering, replace the "xx" within the part number with the desired jacket colour selected from the colour code listed below:

00 = Clear, 01 = White, 02 = Yellow, 03 = Orange, 04 = Red, 05 = Green, 06 = Blue, 07 = Grey, 08 = Brown.
09 = Violet, 10 = Pink, 11 = Black, 12 = Aqua.

For example, ordering 10 11 11 S 02 009 030 will order a 3-metre, SC/APC to SC/APC with a yellow jacket.

Part No.	Description	Catalogue No.
Double-ended Pigtail for Splicing to Fibres		
10 11 11 S09008030E	3- metre simplex, singlemode, double-ended, 900-micron buffered pigtail with both ends terminated on SC/APC connectors. Designed to be testable but then cut at the midpoint and each half fusion-spliced to a singlemode fibre in a splice cassette	0087/003019

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Part No.	Description	Catalogue No.
Single-ended Pigtail for Splicing to Fibres		
110072S01006015F	1.5 metre simplex, single-mode, single-ended, 600-micron buffered pigtail one end terminated on a LC/APC connector	0087/004689
Simplex Patchcords (one fibre only)		
10 11 11 S xx 009 xxx	Singlemode optical fibre patchcord SC/APC to SC/APC	0087/004227
10 11 01 S xx 009 xxx	Singlemode optical fibre patchcord SC/APC to FC/PC	0087/004228
10 11 02 S xx 009 xxx	Singlemode optical fibre patchcord SC/APC to FC/APC	0087/004229
10 11 70 S xx 009 xxx	Singlemode optical fibre patchcord SC/APC to LC/UPC	0087/004467
10 70 70 S xx 009 xxx	Singlemode optical fibre patchcord LC/UPC to LC/UPC	0087/004468
10 80 80 S xx 009 xxx	Singlemode optical fibre patchcord MU/PC to MU/PC	0087/004469
10 11 80 S xx 009 xxx	Singlemode optical fibre patchcord SC/APC to MU/PC	0087/004470
10 70 80 S xx 009 xxx	Singlemode optical fibre patchcord LC/UPC to MU/PC	0087/004471
10 72 72 S xx 062 xxx	Singlemode optical fibre patchcord LCAPC to LCAPC 1.8mm	0087/004614
E2000/APC Locking Patchcords for Circuits Supporting High-Power DWDM		
13 19 19 S 04 009 xxx	Singlemode optical fibre patchcord E2000APC(Red Security Level 3) to E2000/APC(Red Security Level 3) with optical fibre to G.657 with red jacket	0087/004472
13 19 12 S 04 009 xxx	Singlemode optical fibre patchcord E2000APC(Red Security Level 3) to SC/UPC with optical fibre to G.657 with red jacket	0087/004473
13 19 11 S 04 009 xxx	Singlemode optical fibre patchcord E2000APC(Red Security Level 3) to SC/APC with optical fibre to G.657 with red jacket	0087/004474
Key for E2000/APC Locking Patchcords		
0302136	E2000 Guard key for unlocking E2000APC Security Level 3 optical connectors	0087/004475
Simplex E2000/APC Pigtail for Circuits Supporting High-Power DWDM		
101 900 S 0900 8015 J	1.5 metre E2000/APC, 900-micron buffered, singlemode optical fibre pigtail with red tab	0087/004477
Duplex Patchcords (two side-by-side)		
10 70 70 D xx 050 xxx	Duplex singlemode optical fibre patchcord LC/UPC to LC/UPC	0087/004476
11 11 11 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to SC/APC	0087/004653
11 03 11 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to FC/PC	0087/004654
10 02 11 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to FC/APC	0087/004655
11 11 70 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to LC/UPC	0087/004656
11 70 70 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) LC/UPC to LC/UPC	0087/004657
11 80 80 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) MU/PC to MU/PC	0087/004658

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Part No.	Description	Catalogue No.
11 11 80 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to MU/PC	0087/004659
11 70 80 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) LC/UPC to MU/PC	0087/004660
11 21 70 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) LC/UPC to E2000APC	0087/004661
11 03 21 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) FC/PC to E2000APC	0087/004662
11 12 21 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/UPC to E2000APC	0087/004663
11 11 21 D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to E2000APC	0087/004664
10 72 72 D xx 062 xxx	Duplex single mode optical fibre patch cable (G.657.A1) LC/APC to LC/APC	0087/004615
Pre-ribbonised 12-Fibre Factory Terminated Pigtail Sets for terminating fibre ribbons		
0302647	Pre-ribbonised 12-fibre pigtail set factory-terminated to SC/APC singlemode connectors for use in 0500510-22, 0500512-22, 0500510-12 and 0500512-22 cassettes. (Moved from certificate PA05/02072)	0087/004239
0302659	Pre-ribbonised 12-fibre pigtail set factory-terminated to SC/APC singlemode connectors 1.12m 600um breakout supplied for fitting to BUDI boxes (refer to certificate PA05/04078)	0087/004616
0302797	Pre-ribbonised 12-fibre pigtail set factory-terminated to SC/APC singlemode connectors for use with 0500550-22 cassette (refer to certificate PA05/02072)	0087/004617
0302728	1.5 metre pre-ribbonised 12-fibre pigtail set factory-terminated to LC/APC singlemode connectors for use in termination panel cassette 0500532-21. (refer to certificate PA05/02072)	0087/004618
0302794	1.5 metre pre-ribbonised 12-fibre pigtail set factory-terminated to LC/APC singlemode connectors for use with 0500542-11 and 0500542-21 cassettes (refer to certificate PA05/02072)	0087/004620
0303238	Pre-ribbonised 12-fibre pigtail set factory-terminated to SC/APC singlemode connectors 300mm 600um breakout supplied for fitting to BUDI boxes (refer to certificate PA05/04078)	0087/004695
0303239	Pre-ribbonised 12-fibre pigtail set factory-terminated to LC/APC singlemode connectors 1.12m 600um breakout supplied to Passcomm limited for fitting to BUDI boxes (refer to certificate PA05/04078)	0087/004696
0303240	Pre-ribbonised 12-fibre pigtail set factory-terminated to LC/APC singlemode connectors 300mm 600um breakout supplied for fitting to BUDI boxes (refer to certificate PA05/04078)	0087/004697

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Part No.	Description	Catalogue No.
Flex Angle Boot		
11 11 70B-D xx 090 xxx	Duplex single mode optical fibre patch cable (G.657.A1) SC/APC to LC/UPC NB: BLACK flex angle boot on LC/UPC end	0087/004665
11 11 70B-S xx 090 xxx	Simplex single mode optical fibre patch cable (G.657.A1) SC/APC to LC/UPC NB: BLACK flex angle boot on LC/UPC end	0087/004666
Secure SC/APC and LC/UPC Patchcords to prevent unauthorised disconnection		
10 33 33 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure Black to SC/APC Secure Black	0087/004667
10 34 34 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure White to SC/APC Secure White	0087/004668
10 35 35 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure Yellow to SC/APC Secure Yellow	0087/004669
10 36 36 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure Red to SC/APC Secure Red	0087/004670
10 33 70 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure Black to LC/UPC	0087/004671
10 34 70 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure White to LC/UPC	0087/004672
10 35 70 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure Yellow to LC/UPC	0087/004673
10 36 70 S XX 009 XXX	Singlemode optical fibre patchcord SC/APC Secure Red to LC/UPC	0087/004674
SC/APC Secure Port Blockers to prevent unauthorised connection		
0302517	SC secure port blocker [GREEN-BLACK]	0087/004675
0302518	SC secure port blocker [GREEN-WHITE]	0087/004676
0302519	SC secure port blocker [GREEN-YELLOW]	0087/004677
0302520	SC secure port blocker [GREEN-RED]	0087/004678
Secure SC/APC Unlocking Key		
0302521	SC secure keyed extraction tool [BLACK]	0087/004679
0302522	SC secure keyed extraction tool [WHITE]	0087/004680
0302523	SC secure keyed extraction tool [YELLOW]	0087/004681
0302524	SC secure keyed extraction tool [RED]	0087/004682
Uniters		
0300788	SC/APC singlemode optical uniter flangeless	0087/004478
0300803	SC/APC singlemode optical uniter flanged	0087/004479
0300657SK	LC/UPC duplex singlemode optical uniter (standard footprint)	0087/004480
0301376	LC/UPC duplex singlemode optical uniter (SC footprint)	0087/004481
0302138	E2000APC singlemode optical uniter flanged	0087/004482
0302136	E2000APC singlemode optical uniter (Red Security Code - Green Body) flanged	0087/004483
0302137	E2000APC singlemode optical uniter (Red Security Code - Green Body) flangeless	0087/004484

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Part No.	Description	Catalogue No.
0302221	LC/UPC duplex singlemode optical uniter (SC footprint) with internal shutter	0087/004550
0302436	SC/APC flanged simplex singlemode optical uniter (SC footprint) with internal shutter	0087/004683
0302486	SC/APC no flange simplex singlemode optical uniter (SC footprint) with internal shutter	0087/004684
0301242	LC/APC duplex singlemode optical uniter (standard footprint)	0087/004621
0302727	LC/APC 6 port singlemode optical uniter with internal laser shutter	0087/004622
00000141	LC Quad Dust Laser Shutter Adapters (uniter) with internal laser shutters and dust cap (ADP-Q-FL-LCA-SH-GR-A)	0087/004693
00000142	LC Quad Dust Laser Shutter Adapters (uniter) with internal laser shutters and dust cap (ADP-Q-FL-LCU-SH-BL-A)	0087/004694
Attenuators		
0302114	5 dB LC/UPC build-out attenuator	0087/004485
0302115	10 dB LC/UPC build-out attenuator	0087/004486
0302116	15 dB LC/UPC build-out attenuator	0087/004487
0302117	20 dB LC/UPC build-out attenuator	0087/004488
0302124	5 dB SC/UPC build-out attenuator	0087/004489
0302125	10 dB SC/UPC build-out attenuator	0087/004490
0302126	15 dB SC/UPC build-out attenuator	0087/004491
0302127	20 dB SC/UPC build-out attenuator	0087/004492
0302128	5 dB FC/UPC build-out attenuator	0087/004493
0302129	10 dB FC/UPC build-out attenuator	0087/004494
0302130	15 dB FC/UPC build-out attenuator	0087/004495
0302131	20 dB FC/UPC build-out attenuator	0087/004496
0302132	5 dB E2000APC build-out attenuator	0087/004497
0302133	10 dB E2000APC build-out attenuator	0087/004498
0302134	15 dB E2000APC build-out attenuator	0087/004499
0302135	20 dB E2000APC build-out attenuator	0087/004336
0300513	3 dB SC/APC Attenuator (Dope fibre)	0087/004692
0302626	5 dB SC/APC build-out attenuator	0087/004685
0302311	10 dB SC/APC build-out attenuator	0087/004686
0302667	15 dB SC/APC build-out attenuator	0087/004687
0302668	20 dB SC/APC build-out attenuator	0087/004688

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Assessed Documentation

Reference	Title	Doc. Rev.	Date
--	Splice (UK) Group's compliance to SP/FTN(D&D)/012	--	Sep 2004
C-EN10-130	Senko LC Standard simplex connector body sub-assembly	G	21/10/2010
C-EN10-130	Senko MU premium connector with 2 mm boot	B	22/10/2010
EPS-0606-003-05	Senko product specification for LC optical connector	1	03/04/2009
EPS-0909-001-01	Senko product specification for LC duplex optical adaptor	1	09/09/2009
EPS-0606-003-05	Senko product specification for LC optical connector pre-assembled	1	03/04/2009
--	Reichle & De-Massari (R&M) E2000 Connector Family presentation	1	12/09/2005
TL015.112	High power optical fibre connector test report	1	07/04/2011
--	Senko Locking Connector Data Sheet	1	01/07/2017
C-EN10-309	LC one piece duplex adapter, SR-SR, SC footprint, no flange, internal metal shutter	E	20/10/2010
A9407031	Sanwa LC6 Port Adaptor drawing	1	07/03/2019
-	Sanwa Certificate of Conformity to Telcordia GR-326	-	09/07/2021
SLC-6ASPZR-BL-ISHD	Sanwa Successful LC Adapter Laser Shutter Attenuation Test Report	1	30/04/2021
-	Random Mating Test Data for sample Senko – Premium LC/APC Connector	-	-
EEXC-0410-005	Test Report for Senko Optical Fibre Patchcords and Pigtails	A	11/04/2021
RES4025-1	Test Report of Generic Requirements for LC/APC Singlemode Optical Connectors and Jumper Assemblies to Telcordia GR-326-CORE Issue 4 04/02/2010	1	16/08/2013
E-2014	Sanwa Service Life Test Report on LC-family of Optical Adaptors to Telcordia GR-326-CORE	1	06/03/2012
EPS-210118-MA-01-00 - Dust Shuttered Adapter	Senko LC Duplex Dust Shutter Adapter 98D-XXX-X	00	18/01/2021
Letter from Andrew Varley, General manager, Splice Group Europe Ltd.	Letter confirming that the Quad version of the LC Adapter has the same optical properties as the existing Duplex Adapter already listed on Certificate PA0502408, reference document EPS-210118-MA-01-00.	-	24/08/2023
EPS-210118-MA-01-02	Senko LC Duplex Dust Shutter Adapter 98D-XXX-X Updated to include Quad products	02	19/05/2023
0303238	PTAIL SET SPIDER-WEB RIBBON [SWR] SM[A1] SCAPC [0.3m] 2.6M	01	20/07/2025
0303239	PTAIL SET SPIDER-WEB RIBBON [SWR] SM[A1] LCAPC [1.12m] 2.62M	01	20/07/2025
0303240	PTAIL SET SPIDER-WEB RIBBON [SWR] SM[A1] LCAPC [0.3m] 2.6M	01	20/07/2025

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

Certificate History

Issue	Date	Issue History
1	Sep 2004	First accepted for use.
2	Oct 2013	LC/UPC, MU, and E2000 connectors, uniters and attenuators added.
3	Jul 2014	Duplex LC uniter with metal shutter added to certificate.
4	Nov 2018	Addition of SC/APC attenuators, duplex patchcords, and SC/APC to LC/UPC patchcords with 'flex angle' boots for setting to a specific angle to negotiate tight corners. Also addition of secure patchcords and uniters.
5	March 2022	Addition of 12-fibre pre-ribbonised connector sets for terminating ribbon fibre cables. . Addition of LC/APC Pigtail, Patchcords and Uniters.
6	December 2022	Addition of part no 0300513 - ATTENUATOR [DOPE FIBRE] SCAPC 3dB.
7	September 2023	Addition of Quad LC Dust & Laser Shutter Adapters.
8	August 2025	Addition of 12-fibre pre-ribbonised LCAPC and SCAPC connector sets for terminating ribbon fibre cables within BUDI Box.

Contact Details

Manufacturer

Splice Group Europe Limited
Matthew Spencer

matthew.spencer@splicegroup.com
info@splicegroup.com

Applicant

Stephen Collins
Senior Programme Manager
Network Rail

Stephen.Collins@networkrail.co.uk

Lead Reviewer

Mark Baker
Senior Technology Engineer
Network Rail

Mark.Baker2@networkrail.co.uk

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

General Terms & Conditions

1) General

- 1) This certificate can only be amended by Network Rail Product Acceptance, the relevant Network Technical Head or nominated delegate. Any alterations made by a other persons will invalidate the entire certificate.
- 2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.
- 3) If this is a Trial Certificate which includes a Trial Monitoring Period or Trial Expiry date, evidence should be submitted to meet the included trial criteria before the date has passed for the Lead Reviewing Engineer to assess if the product can be given Full Acceptance. If this cannot be achieved, the Product Acceptance team should be contacted via prodacc@networkrail.co.uk to seek guidance. If this is a Full Certificate and includes a review date, the Product Acceptance team should be contacted via prodacc@networkrail.co.uk to seek guidance.

2) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Network Rail Design for Reliability Standard (DFR) NR-L2-RSE-0005 and in any deed of warranty for the relevant certificate number.
- 2) Notify Network Rail Product Acceptance in writing (email prodacc@networkrail.co.uk):
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Product Acceptance or National Supply Chain (NSC) at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to Network Rail Product Acceptance.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement, where the specification and/or Product Acceptance Certificates specify quality assurance classifications for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Product Acceptance.
- 2) Check that the application of use complies with the relevant certificate's scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Product Acceptance.
- 4) Inform Network Rail Product Acceptance in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

Certificate of Acceptance

OFFICIAL
PA05/02408

Manufacturer:
Splice Group Europe Limited

Issue : 8
Valid From : 26/08/2025

4) Compliance

Railways and Other Guided Systems (ROGS) Regulations

1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsoring applicant shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations

2) As required in Railway Group Standard RIS-8270-RST, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:

- a. All rail vehicle types that have access rights over the area affected by the change
- b. Infrastructure managed by others
- c. Neighbours.

Railway Interoperability Regulations

3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.

4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail and Road) is required before the equipment is to be used in revenue earning service.

5) Supply Chain Arrangements

1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.

2) Products may be purchased by Network Rail or its agents, suppliers or contractors.

3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.