

Certificate of Independent Safety Assessment

For

Signal House Limited

LED Colour Light Signal

SS Series Signal with

1810/R, 1810/Y or 1810/G colour light modules

Certificate Reference:	S.P1661.43.1
Effective-From Date:	29 th February 2016
Expiry Date	Not applicable
Previous Certificate Refs:	None
Safety Case:	LED Colour Light Signal 1831 Safety Case, SC1831, Issue 1 and Addendum for the LED Colour Signal Aspect 1810 Issue C, SC1831/AP2, Issue 1

Scope of Approval defined in assessment report: S.P1661.42.02

Altran has independently assessed the SS Series LED Colour Light Signal and concludes that:

- ◆ The development of the signal has an acceptable level of compliance with the requirements of the CENELEC EN50126:1999 and EN50129:2003 Standards. In particular, the SIL 4 design requirements as defined in EN50129 have been met, and
- ◆ The signals are acceptably safe for application in an operational railway, subject to compliance with the requirements of the Operation, Installation and Maintenance Manual CLM001.

There are no conditions or caveats on this certificate other than those which are identified in the Safety Case.

Project Safety Authority:



Paul Edwards

Altran Company Safety Authority:



Paul Whitfield

