



Certificate of Temporary Non-compliance with a Railway Group Standard

(in accordance with part 6 of the Railway Group Standards Code)

1. Type of deviation

Temporary non-compliance

Deviation Number: **12/155/TNC**

2. Details of applicant:

Network Rail (Sussex),
Elder Gate, Milton Keynes, MK9 1EN

The Quadrant: MK, Furzton, Floor 3, Desk 054,

3. Your reference number:

Tracker No. 11292

4. Status of applicant:

Infrastructure Manager, RSSB Member

5. Title of certificate:

Thornton Heath Station, hoardings on platform 1, 2, 3 and 4 – Reduced platform width.

6a. Details of Railway Group Standard (RGS):

RGS Number:	Issue No:	Issue Date:	Title:
GI/RT7016	Four	September 2010	Interface between Station Platforms, Track and Trains

6b. RGS clause(s):

6.2.2 b)

6c. RGS clause requirements:

“6.2.2 New buildings and structures, and alterations to existing buildings and structures, shall be located to provide the following minimum distances to the platform edge:

...

b) 2500 mm at other platforms”.

7. Scope of deviation:

Thornton Heath Station.

8. Impacts of complying with the current RGS requirement:

For the safe construction of a DDA compliant footbridge, lifts and lift motor room, it is necessary to install hoardings on platforms 1, 2, 3 and 4, which will reduce the platform width to 2 m, 2.012 m, 2 m and 2 m respectively.

The line speeds adjacent to the platforms are:

- Platforms 1 and 2 – 40 mph
- Platforms 3 and 4 – 70 mph.

The hoardings will be phased in and out in two stages:

- 28/11/2012 to 01/04/2013 - Denoted in light pink on drawing C1610 – 500 – 001
- 01/03/2013 to 28/06/2013 - Denoted in deep pink on drawing C1610 – 500 – 001.

9. Proposed alternative actions:

The following additional control measures will be implemented:

- Platform edge markings will be clearly defined.
- Yellow painted hatching and warning signage will be installed with wording: "Please Keep this area clear" or "Do not wait in this area".
- Signage will be placed on hoardings at eye level instructing passengers to move along the platform and keep hatched area clear.
- Announcements will be made to encourage passengers to move along platform.
- Stations will be advised not to place wheelchair-bound passengers in section of the train that will stop adjacent to the hoarding.

10. Impacts of the alternative actions:

The risks posed by the temporary narrowed platforms are acceptable. Platforms 3 and 4 are not used during normal operational hours.

Anti-suicide fencing restricts the flow of passengers from platform 2 to 3.

The severity of the temporary non-compliance during the first phase is moderate; the majority of passengers will have to negotiate the reduced platform width on platforms 1 and 2.

The severity of the temporary non-compliance during the second phase is low; the majority of passengers will not need to negotiate the reduced platform width on platforms 1 and 2.

This deviation has been endorsed by Southern Railway. QRA has been developed through lessons learnt at similar schemes.

11. What other options have been considered?

Due to the limits on the station footprint, the proposed solution is the only practicable method of construction. Closing the station for the duration of the works is not acceptable.

12. Consultation with affected parties

Southern Railway (Station Manager).

13. Additional actions/observations:

Upon receipt, the applicant is required to identify affected, interfacing parties and copy this certificate, together with supporting information, to those parties.

Attachments:

- Southern Railway's letter of support dated 29/06/2012
- Spencer's drawing No. C-1610-200-001 Rev 00 dated 25/07/2011: Thornton Heath Railway Station, Brigstock Road – General Arrangement, Footbridge lift shafts & staircases
- Spencer's drawing No. C-1610-200-011 Rev 00 dated 25/07/2011: Thornton Heath Railway Station, Brigstock Road – General Arrangement of existing station
- Spencer's drawing No. C-1610-500-001 Rev 01 dated 04/07/2012: Thornton Heath Station, Hoarding layout
- Spencer's drawing No. C-1610-500-004 Rev 00 dated 17/04/2011: Thornton Heath Station, Hoarding construction details, Platform 2/3 storage area
- Photograph of platforms
- Thornton Heath Pedestrian Flow count 29/06/2012

- CMC's Thornton Heath Station DDA Chairman's report Ref. 12.7.12 Ver 02 of July 2012: Signal Sighting Inspection meeting held on 28/06/2012
- Network Rail's document review notice Project 115215, Thornton Heath AFA, dated 04/07/2012
- Thornton Heath AFA QRA data dated 14/09/2012: Platform Width reduction to 2000 mm with proposed construction hoardings; Platforms 1, 2, 3 and 4.

14. Method of elimination:

The work is required to install three (DDA) lifts and two staircases at Thornton Heath.

Width reduction minimised as far as is possible.

It is proposed to undertake the work in two phases:

- Phase 1 – 28/11/2012 to 01/04/2013
- Phase 2 – 04/03/2013 to 28/06/2013.

15. Start and end date:

From 14/11/2012 to 28/06/2013.

16. Signature of applicant:

Head of Civil Engineering

Date of application:

19/09/2012

17. Status in respect of National Technical Rules:

GI/RT7016 Issue 4 is currently on the list of National Technical Rules under the:

- Infrastructure (published) Conventional Rail TSI,
- Persons with Reduced Mobility (PRM) for both Conventional and High Speed Rail TSIs.

18. Status in respect of National Safety Rules:

GI/RT7016 Issue 4 is not on the list of the proposed National safety Rules under the Conventional or High Speed Rail TSIs.

19. Lead Standards Committee details:

Name of Committee:

Infrastructure

Date of meeting

N/A

Minute reference:

Agreed by the Principal Engineer, Infrastructure and Research outside of Standards Committee, to be noted at the next Standards Committee meeting.

Authorised by:

Signed by Cliff Cork on 26/09/2012

Date of Authorisation:

26/09/2012

Cliff Cork
Head of Delivery, Infrastructure and Rolling Stock