Application Reference Number	Application Type	Application Status	Date of application
TR93408	Network Rail Standard Application	Application Approved	25/08/2023

Submitted Application Details

Date (variation first identified)

02/09/2023

Standard and Module Details

Standard

NR/L2/OHS/006 - Maintenance and Contents of the National Hazard Directory [Issue 7]

Standard Owner

Workforce Safety

Issue Date

15/05/2023

Compliance Date

02/09/2023

Is the application for a module?

No

Clause No(s)

All clauses, All content of the Standard

Copy the text from the Standard where the variation is sought:

N/A - All content of the Standard

Further Details

Type of Variation Applied for

Temporary Variation

Proposed Certificate Expiry Date

01/09/2024

Is this an extension of a previous application?

No

Activity

Short Term TNC

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Costs to achieve compliance
£27,412.00

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Application Contact Details

Requestor
Christian Melton

Email Address
christian.melton@networkrail.co.uk

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Mobile Number
07734282499

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Job Title
Safety Improvement Specialist

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Are you the Applicant?
Yes

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Are you the Application Contact?
Yes

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Selected Delivery Units

Region
National

Route(s)
National/Project

Delivery Unit(s)
ALL ROUTES

Application Documents

Application Document ⇕	Document Description ⇕	Date Created ⇕
📄 NHD Project Plan 03.08.23 (1).pdf	Project Plan	25/08/2023 15:54
🖼 NHD Software requistion addtional work.png	Additional works order authorised	25/08/2023 15:54
📊 Bug Tracker (Raise a bug) Analysis (4).xlsx	Bug Tracker	25/08/2023 15:56
📊 NHD MustHaves & NiceToHaves (with showstoppers) (3).xlsx	Critical bug / Issues register	25/08/2023 15:57

Application Notes

No Notes Attached

Supporting Information

Why can't you comply with the existing requirement?

This update issue of the NHD standard was to support the introduction of the new NHD Software system that was being developed in parallel. The introduction of the NHD Software is critical for the process and standards compliance to be achieved by any party. During the User Acceptance Testing of the system an unacceptable amount of bugs and deficiencies were identified, by NR, that requires further rework by the developer before the system would be consider fit to go live. Of 169 issues logged during UAT, c 130 were new issues that are required to be resolved. As well as the bugs, there were 28 other issues found that were out of scope of the original contract which will be considered to be rectified by future phases of software development. However, 3 of those 28 issues are considered to be critical and required to be fixed before the system can go live - minimum viable option. This will incur an extra £27k cost that has been authorised. The developer has provided a revised project plan for the bugs and the 3 critical issues for completion 18th Jan 2024. The system then would be in a minimum viable state to go live Jan 24. However it is preferred that all 28 additional issues are resolved to give a more user friendly experience which will require a further 24-27 weeks of development. Hence the request for a Variation for the standard up to a year.

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Where can't you comply with the existing Standard?

as outlined in previous. The Existing NHD Database in NR needs to be migrated to the external Software provider when the software has been tested and bugs and critical issues resolved

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What are you proposing to do instead of the existing requirement?

Not implement the standard update (issue 7) or require compliance until the software is tested and fit to go live. The existing issue 6 of the Standard will continue to be used until the new software is ready. The existing NR database and NHD Maintenance Tool will continued to be used pending migration of data and go live of the new NHD syste,

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Demonstrate that what you are proposing to do instead is reasonable:

Project plan updated for the introduction of the new software. There is no option to be able to comply with this standard issue until the software is ready.

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Demonstrate consultation with all affected parties has been carried out and their agreed support:

There is no option for consultation if the system cannot go live. However, the NHD Standard Working Group is continuing to be convened o 2 weely basis to address issues arising during the phase of continued software development to keep their stakeholders informed.

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What alternative options have been rejected and the rationale?

Considered partial compliance with the standard. However the clauses are so dependent on the software that it would cause too much confusion and is impractical. There are some fundamental process changes which are required to be carried out that can only be achieved with the new system, and migration of the existing database to the new system a prerequisite

What is the impact(s) on Safety and Performance of the proposed arrangements?

Nil impact as the existing practices carried out but individual under issue 6 will continued without change.

What is your plan to achieve compliance, the requested alternative practice or why the requirement is not appropriate?

Project plan attached to achieve compliance

What risks have been identified and mitigations proposed for the variation?

No new risks.

Provide a clear safety justification that the risks are controlled to a tolerable level:

No new risks as the existing practices carried out but individual under issue 6 will continued without changed

What assurance arrangements will be put in place to confirm that any risk controls are being implemented and are effective?

N/A