
Director of Engineering Memorandum**DEM 170/17****DEM TITLE: Ironwork systems installation and refurbishment**

Author :	Paul Braniff
Version :	1
Implementation Date:	To be effective from the 'Date Issued'.
Date issued to users:	11 August 2017

Level 1 (Title / Key Words) :	Ironwork, HA104/09
Level 2 : (Directorate/Owner):	Engineering
Level 3: (TNIHQ or HoBU Managed Function):	ES – Safety, Health, Environment and Pavement Engineering (SHEPE)
Level 4 : (Work Areas)	Highway Design, Contracts

Purpose

This memorandum introduces the RSTA and ADEPT Code of Practice for Ironwork Systems Installation and Refurbishment.

Scope

This DEM is aimed at staff responsible for the design or specification of works involving the installation or refurbishment of ironwork.

Background

HA 104/09 provides advice on the installation and maintenance of chamber and gully tops. MCHW - Volume 1, clauses 507 and 508NI and Volume 3 – F Series, provide specification requirements and details for chambers and gullies. Road Surface Treatments Association (RSTA) and The Association of Directors of Environment, Economy, Planning and Transport (ADEPT) have collaborated to develop a Code of Practice, based on industry best practice, to supplement the existing standards with the aim of improving performance in this area.

The purpose of this Code of Practice is to provide practical guidance on avoiding early life failure and to achieve a high quality installation and a high quality repair. The risk of premature failure and the common failure mechanisms, arising from poor design, material selection and workmanship, are explained and such situations should be avoided.

Director of Engineering Memorandum

DEM 170/7

DEM TITLE: Ironwork systems installation and refurbishment

Implementation

The policy set out in this memorandum shall take effect from the date of issue.

Policy

The Code of Practice cross references HA 104/09 Chamber Tops and Gulley Tops for Road Drainage and Services: Installation and Maintenance, in the Design Manual for Roads and Bridges. It also cross references the Specification for Reinstatement of Openings in Highways (SROH). The document can be accessed using the link below:

[RSTA ADEPT Code of Practice for Ironwork Systems Installation and Refurbishment](#)

Please note the following clarifications to the Code of Practice as implemented by DfI Roads:

1. References to H&S legislation, in this document, are relevant to GB, DfI Roads staff should refer to the NI equivalent.

DBFO Companies and External Consultants

DBFO Companies and Consultants working on behalf of DfI Roads and Developers should be informed of the content of this memorandum as appropriate.

Equality

No Section 75 equality issues arise from the introduction of this Memorandum as it addresses an internal procedural matter covering a technical issue.

P.B. Doherty
Director of Engineering
11 August 2017

All enquiries or comments to: Stephen Tweed (SHEPE):
stephen.tweed@infrastructure-ni.gov.uk