

Interim Advice Note No. 043/14

Ornamental Fences and Pedestrian Guardrails Revision No. 0

ADVICE

This Interim Advice Note provides guidelines for Ornamental Fences and Pedestrian Guardrails. This document must be read in conjunction with:

- Qatar Construction Specification (QCS) 2014
 - Section 6 - Road Works, Part 12 - Fencing
 - Section 27 - External Works, Part 03 - Fences and Gates

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Circulation:

Ashghal Departments, Contractors, Supervision Consultants, Design Consultants.

Application:

This Interim Advice Note (IAN) applies with immediate effect from the date of approval

0	Feb 2021	Issued for All Relevant Infrastructure Projects	TT	MH	MOD
Rev	Date	Reason For Issue	Author	Chk	App

Table of Contents

Interim Advice Note No. 043/14.....	1
1. Foreword.....	3
2. Ashghal Interim Advice Note (IAN) – Feedback Form	4
3. Introduction	5
4. Withdrawn / Amended Standard.....	5
5. Implementation.....	5
6. Disclaimer	5
7. Amendments to Qatar Construction Specifications (QCS) 2014.....	6

1. Foreword

- 1.1 Interim Advice Notes (IANs) may be issued by Ashghal from time to time. They define specific requirements for works on Ashghal projects only, subject to any specific implementation instructions contained within each IAN.
- 1.2 Whilst IANs shall be read in conjunction with the Qatar Highway Design Manual (QHDM), the Qatar Traffic Manual (QTM) and the Qatar Construction Specifications (QCS), and may incorporate amendments or additions to these documents, they are not official updates to the QHDM, QTM, QCS or any other standards.
- 1.3 Ashghal directs which IANs shall be applied to its projects on a case by case basis. Where it is agreed that the guidance contained within a particular IAN is not to be incorporated on a particular project (e.g. physical constraints make implementation prohibitive in terms of land use, cost impact or time delay), a departure from standard shall be applied for by the relevant Consultant / Contractor.
- 1.4 IANs are generally based on international standards and industry best practice and may include modifications to such standards in order to suit Qatar conditions. Their purpose is to fill gaps in existing Qatar standards where relevant guidance is missing and/or provide higher standards in line with current, international best practice.
- 1.5 The IANs specify Ashghal's requirements in the interim until such time as the current Qatar standards (such as QHDM, QTM, etc.) are updated. These requirements may be incorporated into future updates of the QHDM, QTM or QCS, however this cannot be guaranteed. Therefore, third parties who are not engaged on Ashghal projects make use of Ashghal IANs at their own risk.
- 1.6 All IANs are owned, controlled and updated as necessary by Ashghal. All technical queries relating to IANs should be directed to Ashghal's Manager of the Designs Department, Infrastructure Affairs.

Signed on behalf of the Designs Department:

Abdulla Ahin A A Mohd

Designs Department Manager

Design Department
Public Works Authority



قطر تستحق الأفضل
Qatar Deserves The Best

Tel: 44950653
Fax: 44950666
P.O.Box 22188 Doha - Qatar
Email: aahin@ashghal.gov.qa
<http://www.ashghal.gov.qa>

2. Ashghal Interim Advice Note (IAN) – Feedback Form

Ashghal's IANs represent the product of consideration of international standards and best practice against what would work most appropriately for Qatar. However, it is possible that not all issues have been considered, or that there are errors or inconsistencies in an IAN.

If you identify any such issues, it would be appreciated if you could let us know so that amendments can be incorporated into the next revision. Similarly, we would be pleased to receive any general comments you may wish to make. Please use the form below for noting any items that you wish to raise.

Please complete all fields necessary to identify the relevant item			
IAN title:			
IAN number:		Appendix letter:	
Page number:		Table number:	
Paragraph number:		Figure number:	
Description comment:			
Please continue on a separate sheet if required:			
Your name and contact details (optional):			
Name:		Telephone:	
Organisation:		Email:	
Position:		Address:	

Please email the completed form to:

Abdulla Ahin AA Mohd Manager of Designs Department Designs Department Public Works Authority aahin@ashghal.gov.qa
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We cannot acknowledge every response, but we thank you for contributions. Those contributions which bring new issues to our attention will ensure that the IANs will continue to assist in improving quality on Ashghal's infrastructure projects.

3. Introduction

3.1 This Interim Advice Note takes immediate effect and shall be read in conjunction with:

- Qatar Construction Specifications (QCS) 2014 and in particular:
 - Section 6 - Road Works, Part 12 - Fencing,
 - Section 27 - External Works, Part 03 - Fences and Gates.

4. Withdrawn / Amended Standard

4.1 This Interim Advice Note (IAN) shall take immediate effect and supersedes the following:

- The relevant subsections of Qatar Construction Specifications (QCS) 2014 and in particular:
 - Section 6 - Road Works, Part 12 - Fencing,
 - Section 27 - External Works, Part 03 - Fences and Gates.

5. Implementation

5.1 This IAN shall be implemented with immediate effect on projects as follows:

- All Ashghal infrastructure projects in design stage,
- Relevant Ashghal Design & Build projects,
- All Ashghal infrastructure projects in tender stage.

5.2 Ashghal infrastructure projects in construction stage shall be reviewed by the Supervision Consultant and Contractor and the implications of adoption of this Interim Advice Note discussed with the respective Ashghal's Project Manager. This shall include an assessment on the current design to determine whether it complies with this Interim Advice Note and the practicalities of modifying the design and construction in order to achieve compliance.

5.3 The only exceptions are:

- Projects already in construction, where a significant portion of construction and procurement has already occurred and design modification would not be economic or practicable.

5.4 If in doubt, Consultants / Contractors should seek guidance from their respective Ashghal Project Manager or the Engineer on a scheme specific basis.

6. Disclaimer

This Interim Advice Note and its recommendations or directions have been provided for application on Ashghal's infrastructure projects within Qatar only and they are not warranted as suitable for use on other roads, highways or infrastructure with Qatar or elsewhere. Should any third party, consultant or contractor choose to adopt this Interim Advice Note for purposes other than Ashghal's infrastructure projects, they shall do so at their own risk.

7. Amendments to Qatar Construction Specifications (QCS) 2014

The following additions are related to the Section 6 - Road Works, Part 12 - Fencing, and to Section 27 - External Works, Part 03 - Fences and Gates.

- Within Section 6 - Road Works, Part 12 - Fencing and in particular within Subsection 12.5.2 Galvanised Steel Rails, the following is added:
 - *8. In case Coating application is required, Polyester Powder Coating of Pedestrian Guardrails shall be applied as final layer after the Hot-dip Galvanization, subject to the approval of the Beautification Committee and the Engineer.*
- Within Section 27 - External Works, Part 03 - Fences and Gates and in particular within Subsection 3.2.3 Ornamental Metal Fences, the following is added:
 - *2. In case Coating application is required, Polyester Powder Coating of Ornamental Fence shall be applied as final layer after the Hot-dip Galvanization, subject to the approval of the Beautification Committee and the Engineer.*