

# ASHGHAL

## Interim Advice Note No. 015

### Fibre Optic Ducts for Drainage

#### Revision No. A1

EXW-GENL-0000-PE-KBR-IP-00015

**Summary**

This Interim Advice Note (IAN) provides the requirements for the provision of telecommunication ducts for the Ashghal Infrastructure Affairs. This IAN takes immediate effect.

This document supersedes IAN 015 Rev 0 dated May 2012. Third parties not working on Ashghal projects make use of this document at their own risk. Paper copies of this document are uncontrolled. Refer to Ashghal's website for the most recent version.

INTERIM ADVISORY FOR PWA PROJECTS ONLY



Rev	Date	Reason For Issue	Auth	Chk	App
A1	Sept 2013	Issued for All Relevant Infrastructure Projects	DL	AM	AA
0	May 2012	For issue to EXW Consultants & Contractors	AF	FF	MG

## Contents

1. Foreword .....	3
2. Ashghal Interim Advice Note (IAN) – Feedback Form .....	4
3. Introduction .....	5
4. Withdrawn / Amended Standard .....	5
5. Implementation .....	5
Appendix A – Fibre Optics Ducts for Drainage .....	6

**INTERIM ADVICE FOR PWA PROJECTS ONLY**

## 1. Foreword

- 1.1 Interim Advice Notes (IAN) 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 Design Department, Infrastructure Affairs.

Signed on behalf of Design Department:

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### Abdulla Ahin A A Mohd

#### Acting Manager of Roads & Drainage Networks Design

Design Management (Roads Section)

Public Works Authority



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

Ashghal 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:

<p><b>Abdulla Ahin AA Mohd</b>                  Acting Manager of Roads and Drainage Networks Design                  Design Management                  (Roads Section)                  Public Works Authority    <a href="mailto:aahin@ashghal.gov.qa">aahin@ashghal.gov.qa</a></p>
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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 (IAN), which takes immediate effect, provides requirements with regard to Ashghal Drainage Department SCADA ducts to be added to the current ITS ducts requirements for Ashghal Infrastructure Affairs.

### **4. Withdrawn / Amended Standard**

- 4.1 Not applicable.

### **5. Implementation**

- 5.1 The IAN is to be used with immediate effect on projects as follows:

➤ All Ashghal projects in Design Stage

- 5.2 Ashghal projects in Construction Stage shall be reviewed by the Project Consultant / Contractor and the implications of adoption of this Interim Advice Note discussed with the respective Ashghal Project Manager.

- 5.3 The only exceptions are:

➤ Projects already in Construction, where a significant proportion of ITS ducts have already been installed, where this would result in significant additional cost or delay.

- 5.4 If in doubt, Consultants / Contractors should seek guidance from the respective Ashghal Project Manager or designated Programme Management Consultant (PMC) on a scheme specific basis.

**INTERIM ADVICE FOR PMA PROJECTS ONLY**

**INTERIM ADVICE FOR PWA PROJECTS ONLY**

**Appendix A – Requirements for Additional Ducts for Drainage  
SCADA Services**

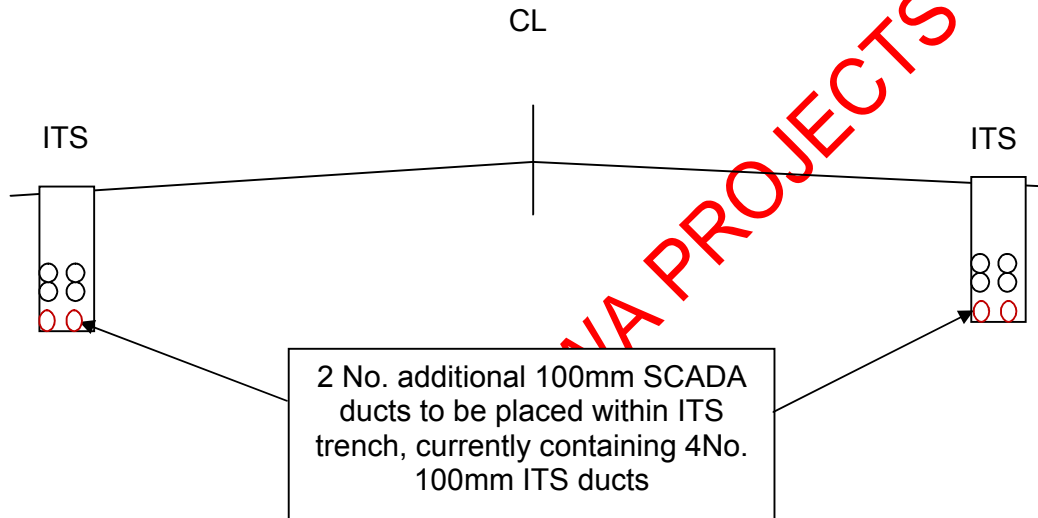
## 1 GENERAL

This IAN makes provision for adding 4 No. additional ducts per Right of Way Width for all Projects currently under construction (if progress allows), projects under design as well as all future designs.

The 4 additional ducts are to be split as per the ITS corridors required by the MMUP Typical Utility Cross Section (Jan 2012), typically 2 No. on each side of the road.

These additional 2 No. x 100mm (ID) SCADA ducts on each side of the road will be added below the typical ITS arrangement of 4 No. x 100mm (ID) as per the sketch below.

Technical specification and further details will follow later.





20 MAY 2012

1779/21799

قطر تستحق الأفضل  
Qatar Deserves The Best

**Mr. Fady Fadel,**  
Utilities Engineering Manager,  
KBR  
Expressway Department  
ASHGHAL  
3<sup>rd</sup> Floor, Al Faisal Tower 2  
West Bay, Doha, Qatar

**SUBJECT:** Fiber Optics Ducts for Drainage Services  
CIVIL PROJECT – C777

Dear Sir,

Further to our meeting on Wednesday 9<sup>th</sup> May attended by ITS/Infrastructure Affairs, please accept this letter to confirm what was discussed and agreed of provision 4No. 100mm ducts, purple colored coded for all new constructed roads to serve telecommunication for the Drainage purposes. The detail of manholes, crossing and other technical information will be provided later.

Your earliest action would be greatly appreciated.

Yours Faithfully,

**NASSER YOUSEF FAKHROO**  
HEAD OF DESIGN DRAINAGE  
INFRASTRUCTURE AFFAIRS

**KBR**

RECEIVED

20 MAY 2012

Copy To:

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HoDD- IA  
Eng. Mostafa / Dr Adil  
File CP777

Dr. Adil  
14-05-2012

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