ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) L756162 - TRANSITION SECTIONS

Learning Legacy Document

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2.0	03-Jun-2014	[redacted]	[redacted]	[redacted]	Attributes Removed Attributes Added Asset Tag Identification Section Updated
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4.0	19-Feb-2015	Kemi Olawale	[redacted]	[redacted]	Images Updated
5.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated

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1 Introduction

1.1 Asset Details

Class Code: L756162

Class Name: Transition Section

Class Lineage: Construction Products>Services>Climate control plant and equipment (HVAC)>Distribution>Ductwork, ducts>Ductwork couplings/connectors>Transition sections

1.2 Description

The transition section (sometimes called transition duct) makes the transition from one size or shape of duct to another. For example, sound attenuators, tunnel dampers and large openings in structures are usually rectangular, fans are circular. The transition section enables the duct to connect one to the other.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

2 Asset Tag Identification Rules

Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. CR076-BAF-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

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2.1 Example Images

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3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Inlet Height (Metres)	Metres	NU	2		Height for a rectangular transition section inlet.
Inlet Radius (Metres)	Metres	NU	2		Radius for a circular transition section inlet.
Inlet Shape		PD		Circular Square Rectangular	The shape of the transition sections inlet.
Inlet Width (Metres)	Metres	NU	2		Width for a square or rectangular transition section inlet.
Outlet Height (Metres)	Metres	NU	2		Height for a rectangular transition section inlet.
Outlet Radius (Metres)	Metres	NU	2		Radius for a circular transition section outlet.
Outlet Shape		PD		Circular Square Rectangular	The shape of the transition sections outlet.
Outlet Width (Metres)	Metres	NU	2		Width for a square or rectangular transition section outlet.
Section Length (Metres)	Metres	NU	2		Axial length of transition section

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

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8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Systemwide Mechanical & Electrical Lead Engineer	19-Sep-2014

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