ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L75631 – Duct Grilles

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50336**

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6.0	26-Aug-2016	[redacted]	[redacted]	[redacted]	Attribute Added

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Contents

1 Introduction 3
1.1 Asset Details 3
1.2 Description 3
1.3 Related Functions 3
2 Asset Tag Identification Rules 4
2.1 Example Images 4
3 Attributes 5
3.1 Generic Attributes 5
3.2 Class Specific Attributes 5
4 Performance Data 6
5 Labelling 6
6 Other Information 6
7 Reference Material 6
8 Crossrail Technical Approvals 7

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1 Introduction

1.1 Asset Details

Class Code:	L75631
Class Name:	Duct Grilles
Class Lineage:	Construction Products>Services >Climate control plant and equipment (HVAC)>Distribution>TBC>Grilles and Diffusers

1.2 Description

Grilles can be used as air terminal devices for the ventilation of buildings and spaces in terms of supply air and extract (exhaust) air.

They are suitable for installation in walls, floors, doors, rectangular and circular ducts. The installation can be carried out directly into a duct cut-out or into a sub frame, e.g. builders work.

Although these item are not expected to be regularly maintained they require identifications the will act a point assets to identify the end of duct runs.

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)

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2 Asset Tag Identification Rules

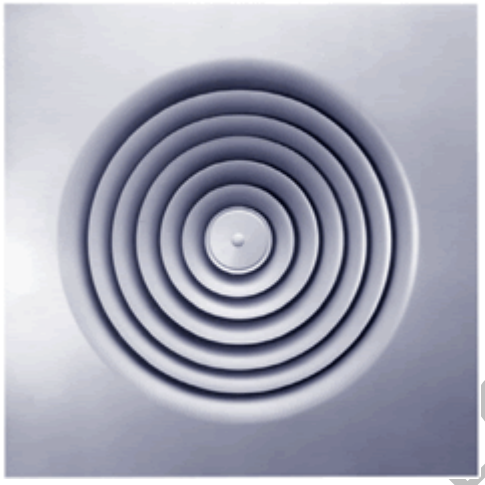
Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<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).

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**
Flow Rate (Metres Cubed per Second)	Metres Cubed per Second	NU	2		The maximum flow rate that the Grille should be capable of handling
Inlet Diameter (Millimetres)	Millimetres	NU	0		The diameter of the connection point to the duct
Grille Usage		PD		Extraction Supply	What type of system the grille is part of.

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 the 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 - 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]	Lead Mechanical & Electrical Plant (MEP) Engineer	19-Sep-2014

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