ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
LVD – LV POWER DISTRIBUTION

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1 Introduction

1.1 Purpose

The purpose of this document is to propose options for the identification and classification of LV Power Distribution assets.

1.2 Function Details

Function Code:	LVD
Function Name:	LV POWER DISTRIBUTION

1.3 Description

The Function LV Power Distribution (LVD) refers to assets involved in the distribution of low voltage AC power in Crossrail buildings and stations.

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. N105-LVD-00363

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3 Scope

3.1 Related L Classes

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)

3.2 Location Codes

The Crossrail central section route is divided up into a number of London Coding System sections. The LCS code is used as part of the unique asset identification numbering system.

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

3.3 Out of Scope Items

Items out of scope of the LV Power Distribution Function are:

• HV Power (HVP): For the transfer of HV electrical current between circuits.

• Cables (CBL): All Cabling will be coved under this function

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4 Other Information

Not Applicable

5 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- Asset Information Provision Procedure - CRL1-XRL-Z3-GPD-CR001-50004

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