ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
HVP – HV POWER

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1 Introduction

1.1 Purpose

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

1.2 Function Details

Function Code:	HVP
Function Name:	HV POWER

1.3 Description

The Function HV Power (HVP) refers to transformer and switch gear assets used for the supply of high voltage electricity for use by non traction systems.

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-HVP-01288

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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 HV Power Function are:

- Traction Power - (TPS): High voltage transformers and switch gear specifically for railway systems.

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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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