

Western Power's Asset Management System

Distribution Construction Standard Handbook Drawings Amendment List



Original Issue: November 2003

Content Owner/Custodian: Distribution Design and Standards

This Revision: 1 – December 2023

Date for Next Review: December 2025

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Document control

Endorsement approvals

	Name	Title	Signature and Date
Compiled by	James Retnarajan	Civil Structural Designer	
Checked by	Chris Omodei	Principal Engineer	
Approved by	Lanka Thabrew	Distribution Design & Standards Manager	

Record of revisions

Revision No.	Date	EDM Version	Compiled by	Description
1	28/03/2025	21	Nory Cerrado	Drawing added and updated

This document gives direction to and influences the following documents.

Doc	Title of document
ALL CHAPTERS	DDC - DISTRIBUTION DESIGN CATALOGUE
ALL CHAPTERS	DCSH - DISTRIBUTION CONSTRUCTION STANDARD HANDBOOK
ALL CHAPTERS	DSPM - DISTRIBUTION SUBSTATION PLANT MANUAL

Stakeholders (people that were consulted when document was updated)

Business Unit / Function

Asset Management - Asset Performance

Asset Management – Safety Environment Quality and Training

Asset Management - Grid Transformation

Asset Operations – Network Operations

Asset Operations – Operational Services

Asset Operations – Customer Connection Services

Business and Customer Service – Customer Service

Notification list (people to be notified when document is updated)

Business Unit / Function

Asset Management - Asset Performance

Asset Management – Safety Environment Quality and Training

Asset Management - Grid Transformation

Asset Operations – Network Operations

Asset Operations – Operational Services

Asset Operations – Customer Connection Services

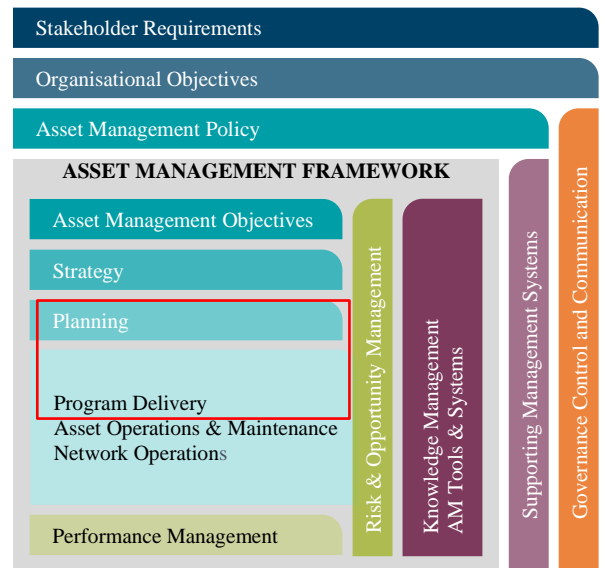
Business and Customer Service – Customer Service

This document must not be made available to personnel outside Western Power without the prior written approval of Western Power.

Document classification and hierarchy

A key requirement of the Western Power Asset Management Policy (AMP) is to develop and maintain an Asset Management System (AMS). This Distribution Substation Plant Manual is defined as a technical document within the AMS document classification and structure and sits within the planning and Program Delivery components of the AMS.

The AMS and the interrelationships between the collection of documents, tools and systems that are used for asset management are described in the AMS document EDM# [40304923](#).



General Notes

1. Overhead Hardware - Bolt Selection

All bolt holes must be drilled to size for the bolt being fitted as oversize bolt holes allow excess plant/equipment movement which may result in the plant/equipment being damaged.

Pole bolt length selected to avoid excessive thread protrusion, maximum 100mm. Bolt packing (multiple washers/springs etc) must not be used as a permanent fixing.

Pole bolt excess thread may be flat trimmed and sharp edges must be removed to suit the fitting of washers and coil springs as per standard bolt selection. This is to prevent overlength bolts and/or sharp edges presenting a hazard to public and personnel safety (e.g. pole top switch handle bolts). Cold galv or galmet should be applied to exposed metal.

2. Overhead Hardware – Sleeve/Splice Clearances

Fargo and crimp type compression sleeves must have a 100mm minimum clearance from all other line hardware such as insulators, conductor ties, armor rods, PG clamps and dead ends etc.

3. Overhead Hardware – North Country Extreme Pollution Areas

In North Country (from Ledge Point to Kalbarri inclusively), all areas within 20 kilometres of the coast are considered to be in extremely corrosive environments. In such areas, grease and tape must be appropriately applied to all new lugs and connectors (as described in drawing R8/3) to prevent moisture ingress.

4. Overhead Hardware – Steel Strap (Band-It Strap) use on wood poles

Steel straps are not to be used on wood poles as the prime fixing method for equipment due to possible wood shrinkage causing the equipment to become loose and unstable. It may be used in conjunction with other fixing methods (e.g. Bolts, coach screws, TEK screws, etc) but not as the sole support method.

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Drawing Amendment List

HB 01- March 2025

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R12-2	L	28-03-2025	Removed and replaced by R12-2-1 & R12-2-2
R12-2-1	A	28-03-2025	New Drawing
R12-2-2	A	28-03-2025	New Drawing
R12-3	G	28-03-2025	Removed and replaced by R12-3-1 & R12-3-2
R12-3-1	A	28-03-2025	New Drawing
R12-3-2	A	28-03-2025	New Drawing

Part 04 – High Voltage Overhead (H)

H05-5	A	24-10-2024	New Drawing
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Part 09 – Maintenance Manual (MM)

MM02-R03	A	28-03-2025	New Drawing
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HB 01- Oct 2024

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R02-06	A	06-03-2024	New Drawing
R05-1	F	23-05-2023	20mm Eyebolts washer size corrected
R07-5	E	14-05-2024	Cable Guard Numbers Doubled
R10-2	A	08-10-2024	New Drawing
R26-7-1	D	27-02-2024	Phase Insulation Clarified
R36-3		19-02-2024	Moved to Part 11 NNE Section
R40	C	02-05-2024	Updated Labels
R45-1		19-02-2024	Moved to Part 11 NNE Section

Part 09 – Maintenance Manual (MM)

MM13-R26-5	C	27-02-2024	Phase Insulation Clarified
MM10-U08-3	A	11-03-2024	New drawing added
MM13-04	A	30-07-2024	New drawing added

HB 01- February 2024

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R03-1	K	23-11-2023	Table added, title revised and details rearranged
R08-1-1	L	24-01-2024	Title updated
R08-3	G	19-09-2023	Grammar Corrected
R11-2	B	31-08-2023	More details added and notes revised
R17-2	B	03-11-2023	Table Revised
R45-1	C	04-10-2023	New Drawing

Part 04 – High Voltage Overhead (H)

H17-4	C	05-02-2024	Strip reference updated
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Part 05 – Low Voltage Underground (U)

U9	F	06-12-2023	Red spot fuse added and notes revised
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Part 07 – Low Voltage Aerial Bundled Cable (A)

A05	D	31-08-2023	Notes and details revised
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Part 09 – Maintenance Manual (MM)

MM10	C	05-02-2024	Pillar extension details added
MM10-EXT	A	05-02-2024	New drawing

HB 01- August 2023

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R12-1	F	14-08-2023	Title Revised
R12-2	L	14-08-2023	Title Revised
R12-3	G	14-08-2023	Title Revised

Part 04 - High Voltage Overhead (H)

H62-1 To 4		08-08-2023	Transferred to Maintenance Manual
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Part 05 – Low Voltage Underground (U)

U08-01	F	08-08-2023	Notes Revised and More Details Added
U08-02		08-08-2023	Deleted
U08-03		08-08-2023	Moved to MM10-U08
U08-04	B	08-08-2023	Notes Revised and More Details Added

Part 07 – Low Voltage Aerial Bundled Cable (A)

A8 & A9		23-02-2023	Drawings Deleted
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Part 09 – Maintenance Manual (MM)

MM03-H62-1	A	08-08-2023	Transferred from Part 04
MM03-H62-2	A	08-08-2023	Transferred from Part 04
MM03-H62-3	A	08-08-2023	Transferred from Part 04
MM03-H62-4	A	08-08-2023	Transferred from Part 04
MM09-5	A	19-07-2023	New Drawing
MM10-U08	A	08-08-2023	New Drawing

HB 01- May 2023

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R13-2	E	22-02-2023	Removed rules
R14-1	F	03-03-2023	Notes revised
R10	L	05-04-2023	K-mate installation details revised
R17-2	A	15-05-2023	New Drawing

HB 01- February 2023

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R08-1-3	G	16-02-2023	Detail A and notes revised
R08-4-2	B	14-12-2022	Updated from earthing IPC to shorting IPC
R12-1	E	09-12-2022	More details added and rearranged
R12-2	K	09-12-2022	Details revised & title changed
R12-3	F	09-12-2022	Details revised
R25-1		06-02-2023	Moved to DCSH Part 11 (N001-1)
R25-2		06-02-2023	Moved to DCSH Part 11 (N002-1)
R28		06-02-2023	Moved to DCSH Part 11 (N001-2)
R34-3	A	23-12-2022	New Drawing
R43-1		06-02-2023	Moved to DCSH Part 11 (N003-1)
R43-1A		06-02-2023	Moved to DCSH Part 11 (N200-2)
R43-2		06-02-2023	Moved to DCSH Part 11 (N200-3)
R43-3		06-02-2023	Moved to DCSH Part 11 (N200-1)

HB 01- December 2022

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R06-1-3	C	02-12-2022	Notes revised
R13-3-1	D	08-12-2022	Foundation width & notes revised
R13-3-2	B	08-12-2022	Foundation width
R14-2	K	08-12-2022	Notes & dimensions revised
R16-1	G	08-12-2022	More details added
R16-3-1	B	08-12-2022	Notes revised and more details added
R16-3-2	B	08-12-2022	Anchor changed
R16-3-3	C	08-12-2022	Note revised and option 3 added
R16-3-4	B	08-12-2022	Expansion rock anchor added
R16-3-5	A	08-12-2022	New Drawing

HB 01- September 2022

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R03-2	B	11-08-2022	Notes revised
R06-1-3	A	03-08-2022	New Drawing
R08-1-1	K	22-08-2022	Notes, details A & B revised
R08-1-2	H	22-08-2022	Note 3 added & loop to drain water added
R09	F	23-08-2022	Connector Plate Details Added
R34-1	F	09-09-2022	Shell type revised
Part 04 – High Voltage Overhead (H)			
H11-2	H	15-07-2022	DOF cross-arm location changed
H44-1	E	23-08-2022	DOF Added
Part 07 – Low Voltage Aerial Bundled Cable (A)			
A03-1	E	09-09-2022	DWG. # changed to A03-1 & Details revised
A03-2	A	09-09-2022	New Drawing
A04-1	F	09-09-2022	Service bracket removed
A06	D	09-09-2022	Dimensions revised
Part 09 – Maintenance Manual (MM)			
MM09-R09-1	B	21-09-2022	New Drawing

HB 01- May 2022

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R03-3	L	18-08-2021	Notes Revised
R08-4-1	G	11-02-2022	Note 2 added and IPC & DWG No. Revised
R08-4-2	A	04-02-2022	New Drawing
R08-7	C	17-12-2021	Table & EDM # Revised
R08-8	D	17-12-2021	Table & EDM # Revised
R11-3	A	07-12-2021	New Drawing
R26-7-2	B	23-05-2022	Details Revised
Part 05 – Low Voltage Underground (U)			
U23-3	B	23-05-2022	4 Port Connector Changed
U30	F	23-05-2022	Port Connector Changed

Part 10 – Conductor Tensioning Table

CT0047	A	04-10-2021	New drawing
CT0048	A	04-10-2021	New drawing

HB 01- August 2021

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R08	B	02-06-2021	Conductor Specification Changed
R13-1	F	17-06-2021	Drawing Title changed and Equipment label deleted
R13-2	D	17-06-2021	Pole Mounted Equipment label deleted
R26-7-2	A	23-07-2021	New Drawing
R07-1	F	05-08-2021	Title changed and cable guard length revised
R07-2	F	05-08-2021	Title changed and cable guard length revised
R07-3	D	05-08-2021	Title changed and cable guard length revised
Part 04 – High Voltage Overhead (H)			
H04-1	I	26-03-2021	Distance between cross-arms increased to 700
H04-3	B	26-03-2021	Distance between cross-arms increased to 700
H21	D	13-05-2021	Transformer Type and Metering Cubicle Updated
H30	C	24-02-2021	Option title added
H40-2	E	09-03-2021	Annotation of earth connection cable deleted
Part 08 – Street Light			
S02	J	21-07-2021	Luminaire type Changed
S07	J	21-07-2021	Luminaire type Changed
S19	H	21-07-2021	Luminaire type Changed

HB 01- February 2021**All Parts of DCSH Front Page Format Changed**

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R02-2	C	18-01-2021	Note Revised
R02-3	C	18-01-2021	Note Revised
R36-3	A	28-01-2021	New Drawing
Part 04 – High Voltage Overhead (H)			
H18 & H19	E	03-12-2020	Earth connection method modified
Part 05 – Low Voltage Underground (U)			
U23-1	F	18-02-2021	Drawing Revised and more details added
U23-3	A	18-02-2021	New Drawing
U30	D	18-02-2021	Redrawn
U31	B	18-02-2021	Cable Entry Method Modified
U32	B	18-02-2021	Cable Entry Method Modified
U33	B	18-02-2021	Cable Entry Method Modified
Part 08 – Street Light			
S02	H	11-01-2021	Flexible conduit details revised
S03	H	11-01-2021	Flexible conduit details revised
S05	I	11-01-2021	Flexible conduit details revised
S06	K	11-01-2021	Flexible conduit details revised
S07	H	11-01-2021	Flexible conduit details revised
S19	G	11-01-2021	Flexible conduit details revised
S20	K	11-01-2021	Flexible conduit details revised

Part 09 – Maintenance Manual (MM)

MM09-R24	B	19-11-2020	Details of CJ0586 added
MM13-03	A	26-11-2020	New Drawing

HB 01- October 2020

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R02-1	D	28-05-2020	Note Revised
R14-1	E	05-08-2020	Subtitles added
R24		05-04-2020	Moved to Maintenance Manual
R26-3		03-08-2020	Moved to Maintenance Manual
R26-5	B	03-08-2020	Details updated

Part 04 – High Voltage Overhead (H)

			More details added in General Notes
H48-1	G	29-05-2020	Spare surge arrester removed

Part 05 – Low Voltage Underground (U)

U08-04	A	04-11-2020	New Drawing
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Part 09 – Maintenance Manual (MM)

MM02-H12-2	B	20-08-2020	Clevis thimble fixing method changed
MM09-R24	A	05-04-2020	New drawing
MM13-R26-3	A	03-08-2020	New drawing

Part 10 – Conductor Tensioning Table

CT001	C	08-09-2020	Notes added
CT002	C	08-09-2020	Notes added
CT003	C	08-09-2020	Notes added
CT004	C	08-09-2020	Notes added

HB 01- May 2020

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R13-5-1	B	01-05-2020	Table revised & dwg. No. changed
R13-5-2	A	01-05-2020	New Drawing
R13-5-3	A	01-05-2020	New Drawing
R15-2	B	01-05-2020	Table 2 revised
R15-3-3	B	01-05-2020	Table revised
R15-3-4	B	01-05-2020	Table revised
R15-3-5	B	01-05-2020	Table revised
R15-3-6	B	01-05-2020	Table revised
R15-3-37	B	01-05-2020	Table revised

Part 09 – Maintenance Manual (MM)

MM09-3-1	C	17-02-2020	Installation Instruction Revised
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Part 10 – Conductor Tensioning Table

CT0040	B	12-03-2020	Table Revised
CT0041	B	12-03-2020	Table Revised
CT0042	B	12-03-2020	Table Revised
CT0043	B	12-03-2020	Table Revised
CT0044	B	12-03-2020	Table Revised
CT0045	B	12-03-2020	Table Revised
CT0046	B	12-03-2020	Table Revised

HB 01- February 2020

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R07-6	A	11-02-2020	New Drawing

Part 04 – High Voltage Overhead (H)

H43	D	20-12-2019	Double TEE-OFF added
H46-2	A	28-01-2020	New Drawing
H47-4	A	24-01-2020	New Drawing

HB 01- December 2019

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R07-5	D	12-11-2019	Cable guard details and note 8 added
R40	B	18-12-2019	Cable marker length revised
R43-1A	A	11-10-2019	New Drawing

Part 04 – High Voltage Overhead (H)

H02-1	E	25-09-2019	Dwg. Number and tee-off distance changed
H02-2	A	25-09-2019	New Drawing
H04-1	H	24-09-2019	Distance between cross-arms in double termi, revised
H04-3	A	24-09-2019	New drawing
H09-4	A	18-10-2019	New Drawing
H10-2	M	18-10-2019	LV King bolt location added
H12	E	20-09-2019	Note 12 added
H34	A	08-11-2019	New Drawing
H47-2	F	14-11-2019	Modified to incorporate H05
H109	D	24-09-2019	Title changed and PTS updated
H110	D	24-09-2019	Title changed and PTS updated

Part 05 – Low Voltage Underground (U)

U20	B	06-09-2019	Notes revised
U21	B	06-09-2019	Notes revised
U24		07-10-2019	Removed, refer to DSPM
U25		07-10-2019	Removed, refer to DSPM
U26		07-10-2019	Removed, refer to DSPM

Part 08 – Street Light

All Dwgs.		10-09-2019	Notes & drawing numbers changed
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Part 09 – Maintenance Manual (MM)

MM03	B	19-12-2019	Table of drawings numbers revised
MM03-H15-1 to 6		19-12-2019	Deleted
MM03-H17-2 & 3		19-12-2019	Deleted
MM03-H60-1 to 3 & 5		19-12-2019	Deleted
MM03-H62-3 & 4		19-12-2019	Deleted
MM04	B	19-12-2019	Table of drawings numbers revised
MM04-H16-3 to 6		19-12-2019	Deleted
MM09-3-1	B	20-11-2019	Revised to suit with new spreader
MM01	B	25-09-2019	Notes 4 & 5 added
MM11-S01		29-10-2019	Deleted
MM11-S02		29-10-2019	Deleted
MM13-S01	B	29-10-2019	Drawing No. and Connection Details revised
MM13-S02-1	A	03-09-2019	New drawing

HB 01- September 2019

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R03-1	J	29-08-2019	Subtitles revised
R05-2	B	29-08-2019	Subtitles revised
R6-2-2	C	12-06-2019	Notes and annotations revised
R26-3	F	23-08-2019	Notes Revised and More details added
R26-4		23-08-2019	Moved to Maintenance Manual
R26-6	B	23-08-2019	Installation Standard Revised
R26-7	C	23-08-2019	Fuse Details Revised
R43-3	A	21-06-2019	New Drawing
Part 04 – High Voltage Overhead (H)			
H08-3	A	30-08-2019	New Drawing
H61-1	F	21-06-2019	Earth Connection Method Modified & notes revised
H61-2	F	21-06-2019	Earth Connection Method Modified
Part 05 – Low Voltage Underground (U)			
U18	B	26-08-2019	More Details added
U19-1	C	26-08-2019	Support added, dim and notes classified
U19-2	C	26-08-2019	More Details added
U30	D	23-07-2019	Redrawn
Part 07 – Low Voltage Aerial Bundled Cable (A)			
A04-1	E	21-06-2019	Drawing number changed from A04 to A04-1
A04-2	A	21-06-2019	New Drawing
Part 08 – Street Light			
		29-08-2019	Traditional Streetlights Deleted
Part 09 – Maintenance Manual (MM)			
MM02-R6-2	B	12-06-2019	Earth connection options added
MM12		28-08-2019	MM12 Series (HV ABC) Drawings Deleted
MM13-R26-4	A	23-08-2019	New drawing

HB 01- June 2019

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R05-1	E	16-04-2019	Table for 20mm Eyebolts added
R6-1-1	H	25-05-2019	Earth Connection Modified
R6-1-2	C	25-05-2019	Earth Connection Modified
R6-2-1	G	25-05-2019	Earth Connection Modified
R6-2-2	B	25-05-2019	Earth Connection Modified
R8-1-2	G	16-04-2019	Descriptions revised and detail added
R8-1-3	F	16-04-2019	Notes revised
R14-3	C	16-04-2019	Notes revised
R24		05-04-2019	Moved to Maintenance Manual
R43-1	A	09-04-2019	New Drawing
R43-2	A	09-04-2019	New Drawing
Part 05 – Low Voltage Underground (U)			
U24	C	10-06-2019	Drawing Revised
Part 07 – Low Voltage Aerial Bundled Cable (A)			
A03	D	29-03-2019	Suspension Clamps and Notes Revised

Part 08 – Street Light

S02-1	F	11-07-2019	Service Cable Annotation Added
S03-1	F	11-07-2019	Service Cable Annotation Added
S05-1	G	11-07-2019	Service Cable Annotation Added
S06-1	H	11-07-2019	Service Cable Annotation Added
S07-1	F	11-07-2019	Service Cable Annotation Added
S19-1	E	11-07-2019	Service Cable Annotation Added
S20-1	H	11-07-2019	Service Cable Annotation Added

HB 01- February 2019

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R02-1	C	22-02-2019	Dispersion plate end fixing revised
R07-1	E	22-02-2019	Annotations revised
R07-2	E	22-02-2019	Annotations revised
R07-3	C	22-02-2019	Annotations revised
R07-5	C	22-02-2019	Wood screw details revised
R09	E	22-02-2019	Earthing system modified
R10-1	K	05-02-2019	Drawing Number revised to R10 and title revised
R10-2		05-02-2019	Deleted
R14-1	D	22-02-2019	Helical termination options added
R14-2	J	22-02-2019	Helical termination options added
R17-1	A	22-02-2019	New drawing
R25-2	B	22-02-2019	Wood screw details revised

Part 04 – High Voltage Overhead (H)

H01-1	I	11-01-2019	Note regarding two phase construction deleted
H01-3	L	11-01-2019	Note regarding two phase construction deleted
H01-4	B	11-01-2019	Note regarding two phase construction deleted
H41-2	D	13-02-2019	Notes revised and dimension changed

Part 07 – Low Voltage Aerial Bundled Cable (A)

A01	C	11-01-2019	Notes Revised
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HB 01- December 2018

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R03-3	K	14-11-2018	Note 5 added & armour rod note revised
R06-1-2	B	14-11-2018	Earth connection modified & note 8 added
R08-6	D	14-11-2018	Cable type AACSR added
R08-7	B	15-11-2018	Table 1 revised
R12-2	J	16-11-2018	Earthing system modified & Tx model changed
R24	A	10-10-2018	New Drawing
R26-7	B	30-10-2018	Annotation Revised
R27	H	30-10-2018	Notes Revised

Part 04 – High Voltage Overhead (H)

H08-1	C	29-11-2018	Earthing system modified
H08-2	D	29-11-2018	Earthing system modified
H10-1	K	16-11-2018	Earthing system modified & Tx model changed
H10-2	L	16-11-2018	Earthing system modified & Tx model changed
H11-1	J	16-11-2018	Earthing system modified & Tx model changed

H11-2	G	16-11-2018	Earthing system modified & Tx model changed
H11-3	C	16-11-2018	Earthing system modified & Tx model changed
H12	D	29-11-2018	Earthing system modified
H14-1	C	29-11-2018	Earthing system modified
H14-2	D	29-11-2018	Earthing system modified
H17-4	B	16-11-2018	Earthing system modified & Tx model changed
H24	C	16-11-2018	Earthing system modified & Tx model changed
H25	B	16-11-2018	Earthing system modified & Tx model changed
H40-1	F	14-11-2018	Note 6 & 7 added
H40-2	D	14-11-2018	Note 4 added
H48-1	F	16-11-2018	Tx model changed
H48-2	B	16-11-2018	Tx model changed
H52-1	B	14-11-2018	Notes revised
H111	F	16-11-2018	Earthing system modified & Tx model changed
H112	F	16-11-2018	Earthing system modified & Tx model changed

Part 06 – Low Voltage Overhead (L)

L01	E	23-11-2018	Note 5 added
L02	E	23-11-2018	Note 6 added
L03	E	23-11-2018	Note 5 added
L05	D	23-11-2018	Note 5 added
L06	E	23-11-2018	Note 5 added
L07	D	23-11-2018	Note 6 added

Part 07 – Low Voltage Aerial Bundled Cable (A)

A01	B	23-11-2018	Notes Revised
A02	C	23-11-2018	Notes Revised
A03	C	23-11-2018	Notes Revised
A04	D	23-11-2018	Note 4 added
A05	C	23-11-2018	Note 4 added
A06	C	23-11-2018	Note 7 added
A07	B	23-11-2018	Note 7 added

Part 09 – Maintenance Manual (MM)

MM13-01	A	10-12-2018	New Drawing
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Part 10 – Conductor Tensioning Table

CT0114	A	31-10-2018	New Drawing
CT0115	A	31-10-2018	New Drawing
CT0116	A	31-10-2018	New Drawing
CT0117	A	31-10-2018	New Drawing

HB 01- October 2018

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 04 – High Voltage Overhead (H)			
H05-1	F	14-08-2018	Cross-arm orientation changed
H09-2	E	05-10-2018	Notes Revised and more details added
H20-5	F	21-09-2018	Earth and Live line connection Method Modified
Part 05 – Low Voltage Underground (U)			
U08-25	C	10-09-2018	Notes Revised
Part 08 – Street Light			
S03	E	31-08-2018	Outreach Installation Method Rectified
S05	E	31-08-2018	Outreach Installation Method Rectified
S05-1	F	31-08-2018	Outreach Installation Method Rectified
S08	C	31-08-2018	Outreach Installation Method Rectified
S20	F	31-08-2018	Outreach Installation Method Rectified

S20-1 G 31-08-2018 Outreach Installation Method Rectified

HB 01- August 2018

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R8-1-1	J	24-06-20187	Notes added
R10-2	B	27-07-2018	'L' Bracket CB0482 added
R26-3	E	16-08-2018	More Details added
R26-5	A	16-08-2018	New Drawing
R26-6	B	16-08-2018	Installation Standard Revised
R26-7	A	16-08-2018	New Drawing
R27	G	16-08-2018	Notes Revised
Part 08 – Street Light			
S02-1	E	16-08-2018	Revised to Suit LED Luminaires
S03-1	E	16-08-2018	Revised to Suit LED Luminaires
S05-1	E	16-08-2018	Revised to Suit LED Luminaires
S06-1	G	16-08-2018	Revised to Suit LED Luminaires
S07-1	E	16-08-2018	Revised to Suit LED Luminaires
S08-1	C	16-08-2018	Revised to Suit LED Luminaires
S09-1	C	16-08-2018	Revised to Suit LED Luminaires
S10-1	C	16-08-2018	Revised to Suit LED Luminaires
S11-1	C	16-08-2018	Revised to Suit LED Luminaires
S12-1	C	16-08-2018	Revised to Suit LED Luminaires
S19-1	D	16-08-2018	Revised to Suit LED Luminaires
S20-1	F	16-08-2018	Revised to Suit LED Luminaires

HB 01- July 2018

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R8-1-1	H	29-06-2018	Title changed and more details added
R8-1-2	F	28-06-2018	Details revised and notes added
R08-4	F	19-06-2018	Note 1 added
Part 04 – High Voltage Overhead (H)			
H43	C	13-06-2018	Stay bonding deleted
H12	D	19-06-2018	Earthing System and Handle Dimension Changed
H14-1	B	19-06-2018	Earthing System and Handle Dimension Changed
H14-2	B	19-06-2018	Earthing System and Handle Dimension Changed
Part 7 - Low Voltage Aerial Bundled Cable (A)			
A05	B	19-06-2018	Notes Revised
Part 09 – Maintenance Manual (MM)			
MM02-02	A	15-05-2018	New Drawing

HB 01- April 2018

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R03-3	J	07-03-2018	Armour Rod Note Revised

R12-2	H	06-02-2018	LV Under sung switch Revised
Part 04 – High Voltage Overhead (H)			
H41-2	C	04-04-2018	More Details Added
Part 5 – Low Voltage Underground (U)			
U09	E	04-04-2018	Supply Connections Changed
Part 08 – Street Light			
S02	D	09-02-2018	Conductors and Conduits Clarified
S03	D	09-02-2018	Conductors and Conduits Clarified
S05	D	09-02-2018	Conductors and Conduits Clarified
S06	F	09-02-2018	Conductors and Conduits Clarified
S07	D	09-02-2018	Conductors and Conduits Clarified
S19	C	09-02-2018	Conductors and Conduits Clarified
S20	E	09-02-2018	Conductors and Conduits Clarified
Part 09 – Maintenance Manual (MM)			
MM02-R6-1	A	07-03-2018	New Drawing
MM02-R6-2	A	07-03-2018	New Drawing

HB 01- January 2018

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R6-1-1	G	31-01-2018	Pole Top Switch earthing
R6-2-1	F	31-01-2018	Revised to Suit New PTS
R10-1	J	09-01-2018	Insulator, title & drawing # changed
R10-2	A	09-01-2018	Original issue
R26-1		09-01-2018	Moved to Maintenance Manual
R26-2		09-01-2018	Moved to Maintenance Manual
R27	F	09-01-2018	Annotation Added
Part 04 – High Voltage Overhead (H)			
H1-3	K	09-01-2018	Crossarm use table added
H06	L	09-01-2018	Phase location table added
H07	H	09-01-2018	Phase location table added
H12	C	23-01-2018	Title & drawing number changed
H14-1	A	31-01-2018	Original issue
H14-2	A	23-01-2018	Original issue
H14-3	D	31-01-2018	PTS Type Changed
H18	D	31-01-2018	PTS Type Changed
H19	D	31-01-2018	PTS Type Changed
H20-1	E	31-01-2018	PTS Type Changed
H22	C	11-01-2018	Earthing System Modified
H61-1	E	31-01-2018	PTS Type Changed
H61-2	E	01-02-2018	PTS Type Changed
H62-1	D	01-02-2018	PTS Type Changed
H62-2	C	01-02-2018	Drawing number and title changed
Part 09 – Maintenance Manual (MM)			
MM02-H12	A	23-01-2018	New Drawing
MM02-H14-1	A	23-01-2018	New Drawing
MM02-H14-3	A	23-01-2018	New Drawing
MM02-H18	A	23-01-2018	New Drawing
MM02-H19	A	23-01-2018	New Drawing
MM02-H20	A	23-01-2018	New Drawing
MM02-H61-1	A	23-01-2018	New Drawing
MM02-H61-2	A	23-01-2018	New Drawing

MM02-H62-1	A	23-01-2018	New Drawing
MM02-H62-2	A	23-01-2018	New Drawing
MM13	A	09-01-2018	New Drawing
MM13-R26-1	A	09-01-2018	New Drawing
MM13-R26-2	A	09-01-2018	New Drawing

HB 01- December 2017

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R6-1-1	F	14-12-2017	Dwg. No. & Tile revised, LV ABC & stalk lug added
R6-1-2	A	14-12-2017	New Drawing
R6-2-1	E	14-12-2017	Dwg. No. & Tile revised, LV ABC & stalk lug added
R6-2-2	A	14-12-2017	New Drawing
Part 04 – High Voltage Overhead (H)			
H04-1	G	19-12-2017	Notes revised
H12-2	B	30-11-2017	Notes revised
H13-2	B	19-12-2017	Notes revised
H17-5		20-11-2017	Moved to Maintenance Manual
H63-2	D	27-11-2017	Transformer type Changed
H107	D	19-12-2017	Dispersion plate removed and earthing modified
Part 08 – Street Lighting (S)			
S06	E	28-11-2017	Kingbolt height changed
Part 09 – Maintenance Manual (MM)			
MM03-H17-4	A	20-11-2017	New Drawing
MM09-H40-1	C	15-12-2017	Running Earth Position specified

HB 01- November 2017

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 04 – High Voltage Overhead (H)			
H14-3	C	16-11-2017	Notes added
H18	C	16-11-2017	Notes Revised
H19	C	16-11-2017	Notes Revised
H20-1	D	16-11-2017	Notes Revised
H31	F	15-11-2017	Transformer type changed
H32	H	15-11-2017	Transformer type changed
H61-1	D	16-11-2017	Notes Revised
H61-2	D	16-11-2017	Notes Revised
H62-1	C	16-11-2017	Title Changed
H62-2-1	E	16-11-2017	Title, notes and drawing number changed
H62-2-2	B	16-11-2017	Title changed
Part 02 – Reference (R)			
R8-1-1	G	10.10.2017	Cable Termination Notes Revised
R8-1-2	E	10.10.2017	Cable Termination Details Added
R8-1-3	E	10.10.2017	LV ABC Tapping Updated
R12-1	C	31-10-2017	Transformer Type Changed
Part 04 – High Voltage Overhead (H)			
H01	H	13-09-2017	Note 9 added
H12-1	D	26-10-2017	Title, drawing number & notes revised
H12-2	A	26-10-2017	New drawing
H46	H	08-11-2017	Transformer Type Changed

H47-1	F	31-10-2017	Transformer Type Changed
H47-2	F	31-10-2017	Transformer Type Changed
H47-3	F	31-10-2017	Transformer Type Changed
H49	C	30-10-2017	Transformer Type Changed
H50	C	30-10-2017	Transformer Type Changed
H62-2-1	D	27-10-2017	Title and drawing number changed
H62-2-2	A	27-10-2017	New Drawing

Part 5 - Low Voltage Underground (U)

U08-02	B	08-11-2017	Label added
U08-03	B	08-11-2017	Label added

Part 6 - Low Voltage Overhead (L)

L01	D	13-09-2017	Title Changed and Insulator Distances Deleted
L02	D	13-09-2017	Title Changed and Insulator Distances Deleted

HB 01- September 2017

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R7-3	B	24-08-2017	Pole top details deleted
R13-3-1	C	29-08-2017	Drawing number changed & more details added
R13-3-2	A	29-08-2017	New drawing
R16-3-3	B	21-08-2017	Note added to ground anchor option 2
Part 5 - Low Voltage Underground (U)			
U08-3	A	01-09-2017	New Drawing
U15	B	24-08-2017	Isolator & LV ABC Support updated
U16-1	D	23-08-2017	Cable support added, dimension and notes clarified
U16-2	A	23-08-2017	New Drawing
U17	B	23-08-2017	LV ABC Supports added, connection details clarified
U19-3	G	01-09-2017	Mini Pillar Reference Revised
Part 6 - Low Voltage Overhead (L)			
General Notes Revised			
Part 09 – Maintenance Manual (MM)			
MM02	B	24-08-2017	Pole Top Switch Reinstallation
MM02-01	A	24-08-2017	New Drawing

HB 01- August 2017

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R8-1-2	D	10-07-2017	Notes Deleted
R8-1-3	D	03-08-2017	Option Notes Revised
R12-2	H	09-08-2017	LV Underslung Switch Revised
R16-1	F	02-08-2017	More Details Added
R16-3-1	A	02-08-2017	New Drawing
R16-3-2	A	02-08-2017	New Drawing
R16-3-3	A	02-08-2017	New Drawing
R16-3-4	A	02-08-2017	New Drawing
R31		26-07-2017	Moved to Maintenance Manual
R35-1&2		26-07-2017	Moved to Maintenance Manual
Part 04 – High Voltage Overhead (H)			
H06	K	06-07-2017	Notes Revised
H11-1	H	09-08-2017	LV Underslung Switch Revised

H11-2	F	09-08-2017	LV Underslung Switch Revised
H11-3	B	09-08-2017	LV Underslung Switch Revised
H20-2	E	31-07-2017	Title Changed

Part 5 - Low Voltage Underground (U)

U08		26-07-2017	Moved to Maintenance Manual
U08-01	A	26-07-2017	New Drawing
U08-02	A	26-07-2017	New Drawing
U15	B	09.08.2017	LV Underslung Switch Revised

Part 06 – Low Voltage Overhead (L)

L06	D	09-08-2017	LV Underslung Switch Revised
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Part 09 – Maintenance Manual (MM)

MM10	B	26-07-2017	Mini Pillar Details added
MM10-R31	A	26-07-2017	New Drawing
MM10-R35-1	A	26-07-2017	New Drawing
MM10-R35-2	A	26-07-2017	New Drawing
MM10-U08	A	26-07-2017	New Drawing

HB 01- June 2017

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R6/2	D	14-06-2017	Notes Revised
R10	H	05-04-2017	Insulator & K-Mate Installation Note Revised
R12/2	G	01-05-2017	Single Line Diagram Added
R12/3	E	01-05-2017	Single Line Diagram Added
R26-1	E	24-03-2017	Supply Cable Annotations Rectified
R26-2	D	24-03-2017	Supply Cable Annotations Rectified
R26-3	D	24-03-2017	Supply Cable Annotations Rectified
R26-4	C	24-03-2017	Supply Cable Annotations Rectified
R32		21-06-2017	Superseded – Refer to U08
R35-3		21-06-2017	Superseded – Refer to U08
Part 04 – High Voltage Overhead (H)			
H01-1	G	16-06-2017	Drawing H01-1 and H01-2 Combined
H05-2	C	02-05-2017	Stand-off Insulator Location Changed
H05-3	B	02-05-2017	Stand-off Insulator Added
H11-2	E	20-06-2017	Notes Revised and Dimension 2500 was 3350
H31	E	12-06-2017	Drawings H31-1 and H31-2 Consolidated
H32	G	06-06-2017	JB Connection Details Added, Title & Dwg # Changed
H61-2	C	16-06-2017	Notes Revised
Part 5 - Low Voltage Underground (U)			
U08	D	21-06-2017	Termination Details Deleted and Notes Revised
U09	D	21-06-2017	Title Changed and Connection Method Modified
Part 07 – Low Voltage Aerial Bundled Cable (A)			
A04	C	17-03-2017	Neutral link and extra Sus. Clamp Added
A06	B	17-03-2017	Neutral Link and Extra Clamp added
A10	A	02-06-2017	New Drawing
Part 09 – Maintenance Manual (MM)			
MM11-S01	A	23-05-2017	New Drawing
MM11-S02	A	23-05-2017	New Drawing

HB 01- March 2017

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 02 – Reference (R)			
R25	C	16-12-2016	Orientation guide appended
R27	E	03.02.2017	Mounting Board Deleted & notes Revised
Part 04 – High Voltage Overhead (H)			
H04-1	F	09-03-2017	Dwg no. Changed and LV Attachments clarified
H04-2	A	09-03-2017	New Drawing
H05-1	E	02-02-2017	Drawing no. Changed
H05-2	B	28-02-2017	Drawing no. Changed from H44-3
H05-3	A	24-02-2017	New Drawing
H05-4	A	24-02-2017	New Drawing
H23	C	03-02-2017	Distance between Pole top and Bolt hole changed
H26-1	C	03-02-2017	Drawing number changed to 26-1
H26-2	A	03-02-2017	New Drawing
H28	B	03-02-2017	Title Changed & Under Slung Earth Wire Added
H41-2	B	24-02-2017	Title & Notes Changed and Plan & Table Added
H41-3	A	09-03-2017	New Drawing
H41-4	A	09-03-2017	New Drawing
Drawings H200 to H218 Moved to Maintenance Manual			

Part 05 – Low Voltage Underground (U)

U23-1	E	17-02-2017	Title Changed
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Part 06 – Low Voltage Overhead (L)

L01	C	24-02-2017	Bonding Kit, Note 4 and Dimension 'D' Added
L02	C	24-02-2017	Bonding Kit, Note 5 and Dimension 'D' Added
L03	C	24-02-2017	Bonding Kit, Note 4 and Dimension 'D' Added
L05	C	24-02-2017	Bonding Kit, Note 4 and Dimension 'D' Added
L06	C	24-02-2017	Bonding Kit and Note 4 'D' Added
L07	C	24-02-2017	Bonding Kit and Note 5 'D' Added

Part 08 – Street Lighting (S)

S13		08-03-2017	Moved to Maintenance Manual
S14		08-03-2017	Moved to Maintenance Manual
S15		08-03-2017	Moved to Maintenance Manual
S16		08-03-2017	Moved to Maintenance Manual
S17		08-03-2017	Moved to Maintenance Manual
S18		08-03-2017	Moved to Maintenance Manual

Part 09 – Maintenance Manual (MM)

MM09-1	A	03-02-2017	New Drawing
MM09-2	A	03-02-2017	New Drawing
MM09-3	A	03-02-2017	New Drawing
MM09-4	A	03-02-2017	New Drawing
MM10	A	01-12-2016	New Drawing
MM10-U30-1	B	01-12-2016	Foot Note Revised & MM10 Reference Added
MM10-U30-2	B	01-12-2016	Application Guide line Added
MM11	A	17-02-2017	New Drawing
MM11-S13	A	17-02-2017	New Drawing
MM11-S14	A	17-02-2017	New Drawing
MM11-S15	A	17-02-2017	New Drawing
MM11-S16	A	17-02-2017	New Drawing
MM11-S17	A	17-02-2017	New Drawing
MM11-S18	A	17-02-2017	New Drawing
MM12	A	08-03-2017	New Drawing

MM12-H200	A	08-03-2017	New Drawing
MM12-H201	A	08-03-2017	New Drawing
MM12-H202	A	08-03-2017	New Drawing
MM12-H203	A	08-03-2017	New Drawing
MM12-H204	A	08-03-2017	New Drawing
MM12-H205	A	08-03-2017	New Drawing
MM12-H206	A	08-03-2017	New Drawing
MM12-H207	A	08-03-2017	New Drawing
MM12-H208	A	08-03-2017	New Drawing
MM12-H209	A	08-03-2017	New Drawing
MM12-H210	A	08-03-2017	New Drawing
MM12-H211	A	08-03-2017	New Drawing
MM12-H212	A	08-03-2017	New Drawing
MM12-H213	A	08-03-2017	New Drawing
MM12-H214	A	08-03-2017	New Drawing
MM12-H215	A	08-03-2017	New Drawing
MM12-H216	A	08-03-2017	New Drawing
MM12-H217	A	08-03-2017	New Drawing
MM12-H218	A	08-03-2017	New Drawing

Part 10 – Conductor Tensioning Tables (CT)

CT-0170	A	07-03-2017	New Drawing
CT-0171	A	07-03-2017	New Drawing
CT-0172	A	07-03-2017	New Drawing
CT-0173	A	07-03-2017	New Drawing

HB 01- November 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 02 – Reference (R)

R25	B	07-11-2016	New Drawing Added
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Part 5 - Low Voltage Underground (U)

U30-1			Moved to Maintenance Manual
U30-2			Moved to Maintenance Manual

HB 01- October 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 04 – High Voltage Overhead (H)

H09-2	D	08-09-2016	Sources and load indicated
H44-3	A	07-10-2016	New Drawing

Part 09 – Maintenance Manual (MM)

MM03-H17-1	B	10-10-2016	Stay Added
MM10-U30-1	A	18-10-2016	New Drawing
MM10-U30-2	A	18-10-2016	New Drawing

HB 01- August 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 01 – General

09-08-2016 Part 9 Note revised

Part 02 – Reference (R)

R08-8	B	30-06-2016	Table Revised
R15-2	A	29-08-2016	New Drawing Added
R15-3-1	A	29-08-2016	New Drawing Added
R15-3-2	A	29-08-2016	New Drawing Added
R15-3-3	A	29-08-2016	New Drawing Added
R15-3-4	A	29-08-2016	New Drawing Added
R15-3-5	A	29-08-2016	New Drawing Added
R15-3-6	A	29-08-2016	New Drawing Added
R15-3-7	A	29-08-2016	New Drawing Added
R34-1	E	24-08-2016	Plan Deleted & Cable Depth changed
R34-2	E	24-08-2016	Plan Deleted & Cable Depth changed

Part 04 – High Voltage Overhead (H)

H01-1	G	30-06-2016	R/E Notes Revised
H15, H16 & H17 Series, H51-2, H51- 4, H60-1, H-60-2, H60- 3 & H60-5		29-08-2016	Drawings moved to Maintenance Manual

Part 08 – Street Lighting (S)

S08	B	14-07-2016	Cable note Revised
S09	B	14-07-2016	Cable note Revised
S10	B	14-07-2016	Cable note Revised
S11	B	14-07-2016	Cable note Revised
S12	B	14-07-2016	Cable note Revised
S20	D	24-08-2016	Note 2 added

Part 09 – Maintenance Manual (MM)

			General Notes Revised
MM09- H40-1	B	11-08-2016	Dwg. # Changed

HB 01- June 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
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Part 1 – General**Part 2 – Reference (R)**

R8-1-3	C	16-05-2016	Note 2 Added
R08-7	A	14-06-2016	New Drawing Added
R08-8	A	21-06-2016	New Drawing Added
R17 to R24		20-06-2016	Superseded

Part 4 – High Voltage Overhead (H)

H10-1	J	17-05-2016	Note 6 added
H10-2	K	17-05-2016	Note 6 added
H12	C	21-06-2016	Insulated tap note deleted
H21	C	31-05-2016	Specified the source and load
H44-2	B	23-05-2016	Stand-off insulator added

Part 9 – Maintenance Manual (MM)

30-06-2016	New Part added
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HB 01- May 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 2 – Reference (R)			
R6/1	E	10-05-2016	Annotation rectified
R09	D	09-05-2016	Earthing System Modified
Part 4 – High Voltage Overhead (H)			
H01-4	A	05-05-2016	3 Phase Intermediate Double Cross-arm (New Drawing)
H41-1	B	09-05-2016	Cable Termination Added and Title Changed

HB 01- April 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 4 – High Voltage Overhead (H)			
H06	J	20-04-2016	Outrigger stay added
H18	B	23-03-2016	Stay added
H19	B	23-03-2016	Stay added, Dwg. No. and Title changed
H19-2			Deleted

HB 01- March 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 2 – Reference (R)			
R12-2	F	02-03-2016	Location of fuse unit changed
R16/2/1	F	08-03-2016	Table revised and foot note added
R16/2/2	C	08-03-2016	Table revised
R16/2/3	C	08-03-2016	Table revised
R16/2/4	C	08-03-2016	Table revised
R16/2/5	C	08-03-2016	Table revised
R16/2/6	C	08-03-2016	Table revised
R16/2/7	C	08-03-2016	Table revised
R16/2/8	C	08-03-2016	Table revised
R16/2/9	C	08-03-2016	Table revised

HB 01- February 2016

<u>Drawing</u>	<u>Rev</u>	<u>Date</u>	<u>Description</u>
Part 2 – Reference (R)			
R13-2	C	05-02-2016	Table revised
R13-3	B	17-02-2016	Enhanced foundation details added & table revised
R13-4	B	16-02-2016	Tables and Title revised
R13-5	A	17-02-2016	New Drawing
Part 4 – High Voltage Overhead (H)			
H10-1	H	15-02-2016	Note revised & raiser & cross-arm was bracket
H10-2	J	15-02-2016	Note 6 added
Part 7 – Low Voltage Aerial Bundled Cable (A)			
A04	B	08-02-2016	Dwg. Format changed and stay added

HB 01- January 2016

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
Part 2 – Reference (R)			
R3-1	H	15-01-2016	Sub titles revised
R8-1-1	E	21-12-2015	Category 'B' changed as 'C' and 'B' added
R26-1	D	30-12-2015	Format and title changed
R26-2	C	30-12-2015	Format Changed
R26-3	C	30-12-2015	Format Changed and Details added
R26-4	B	30-12-2015	Format Changed
R26-5	B	30-12-2015	Format and Title Changed
R26-6	A	30-12-2015	New Drawing
R34-1	D	08-01-2016	Tag and label added
R34-2	D	08-01-2016	Tag and label added

Part 4 – High Voltage Overhead (H)

H02	D	15-01-2016	Note 8, stay & DOF added and Title Revised
H04	E	15-01-2016	Note 5 added
H05	D	15-01-2016	Note 6 and Post insulator added
H09-2	C	15-01-2016	Stay added
H10-2	H	15-01-2016	Notes revised and dimension 2250 was 300
H26	B	15-01-2016	Earthing and stay system modified and title revised
H40-1	E	15-01-2016	LV Added
H42-1	C	15-01-2016	Notes revised and dwg. # revised to H42-1
H42-2	A	15-01-2016	Original issue
H44-1	D	15-01-2016	Drawing # changed to H44-1
H44-2	A	15-01-2016	Original issue
H46	G	21-12-2015	Notes and Tx. Location Revised
H47-2	D	21-12-2015	Format changed
H47-3	B	21-12-2015	Note 6 added
H48-1	E	21-12-2015	Note 5 added

HB 01- December 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
Part 2 – Reference (R)			
R2-8	F	12-11-2015	Note 1 and Title Revised
R8-1-2	C	30-11-2015	In category 'B, b' conductor size changed to 4.75
R8-1-3	B	12-11-2015	Note 1 added
Part 4 – High Voltage Overhead (H)			
H12	B	13-11-2015	Running Earth added and notes Revised
H46	F	16-11-2015	Transformer Location Options Added
H47-3	A	16-11-2015	New Drawing
H48-1	D	16-11-2015	Tx. Offset and Stand-off Insulator Added

HB 01- NOVEMBER 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
Part 2 – Reference (R)			
R11-1	E	03-11-2015	Customer Service Arrangement for Open Wire
R11-2	A	03-11-2015	Customer Service Arrangement for LV ABC
R12-2	E	23-09-2015	315kVA LV Connection Diagram Deleted
R12-3	D	23-09-2015	'MASTER' Krone with Link Deleted from Option 4A
Part 4 – High Voltage Overhead (H)			
H06	H	03-11-2015	Earthing system modified

H07	G	03-11-2015	Earthing system modified
H31-1	F	09-10-2015	Notes Revised
H31-2	D	09-10-2015	Notes Revised
H32-1	D	09-10-2015	Format changed and notes Revised
H31-2	D	09-10-2015	Format changed and notes Revised

Part 8 – Street lighting (S)

S03	C	26-10-2015	Dim added
S05	C	26-10-2015	Dim added
S06	D	26-10-2015	Dim added
S07	C	26-10-2015	Format changed & Dim added
S19	B	26-10-2015	Format changed & Dim added
S20	C	26-10-2015	Dim added

HB 01- SEPTEMBER 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 2 – Reference

R8-1-2	B	25-08-2015	Title Changed for HV
R8-1-3	A	25-08-2015	New Drawing

Part 4 – High Voltage Overhead (H)

H13-1	E	02-09-2015	Title and drg. # Changed
H13-2	A	02-09-2015	New Drawing

Part 6 – Low Voltage Overhead

25-08-2015	General Notes Revised
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Part 10 – Conductor Tensioning Tables (CT)

CT-0061	B	20-08-2015	Title Revised
CT-0063	B	20-08-2015	Title Revised
CT-0080	B	20-08-2015	Title Revised
CT-0081	B	20-08-2015	Title Revised
CT-0082	B	20-08-2015	Title Revised
CT-0083	B	20-08-2015	Title Revised
CT-0084	B	20-08-2015	Title Revised
CT-0085	B	20-08-2015	Title Revised
CT-0086	B	20-08-2015	Title Revised
CT-0111	B	20-08-2015	Title Revised
CT-0112	B	20-08-2015	Title Revised
CT-0113	B	20-08-2015	Title Revised

HB 01- AUGUST 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 2 – Reference

R1	F	15-07-2015	Format Changed and Thread Protrusion Increased
R6-1	D	05-08-2015	More annotations added
R6-2	C	05-08-2015	More annotations added
R13-1	E	15-07-2015	More details added
R13-2	B	15-07-2015	Table Revised and Notes Added
R13-3	A	15-07-2015	New Drawing
R13-4	A	15-07-2015	New Drawing
R16-2-1	E	11-08-2015	Table Revised
R16-2-2	B	11-08-2015	Table Revised
R16-2-3	B	11-08-2015	Table Revised

R16-2-4	B	11-08-2015	Table Revised
R16-2-5	B	11-08-2015	Table Revised
R16-2-6	B	11-08-2015	Table Revised
R16-2-7	B	11-08-2015	Table Revised
R16-2-8	B	11-08-2015	Table Revised
R16-2-9	B	11-08-2015	Table Revised
R34-1	B	03-07-2015	Cable Marker and more details added
R34-2	B	03-07-2015	Cable Marker and more details added

Part 4 – High Voltage Overhead (H)

H40-2	C	03-08-2015	Bird Cover Deleted
H61-1	B	03-08-2015	Minor corrections
H61-2	B	03-08-2015	Minor corrections
H62-1	B	03-08-2015	Note 7 added
H62-2	B	03-08-2015	Note 7 added
H62-3	B	03-08-2015	Note 6 added
H62-4	B	03-08-2015	Note 6 added
H63-1	B	03-08-2015	Title changed

Part 5 – Low Voltage Underground

U24	B	17-07-2015	Format Changed and Earthing System Modified
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HB 01- JULY 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 2 – Reference

R14-2	H	30-06-2015	Dim 2200 was 2000
R33	B	30-06-2015	Drawing Deleted
R34-1	A	30-06-2015	LV Cable Live End Seal
R34-2	A	30-06-2015	HV Cable Live End Seal

Part 4 – High Voltage Overhead (H)

H40-3	B	18-06-2015	Bird Cover Deleted
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HB 01- JUNE 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 2 – Reference

R2-4	E	03-06-2015	Format Changed and notes Revised
R3-3	I	03-06-2015	Armour rod note revised
R14-1	C	16-06-2015	Notes 2 & 3 deleted
R14-2	G	16-06-2015	Notes and stay arrangements revised
R14-3			Superseded
R14-4			Superseded
R16-2-1	D	16-06-2015	Drg # & title changed and table revised
R16-2-2 to 9	A	16-06-2015	New drawings added

HB 01- MAY 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 2 – Reference

R3-1	G	24-04-2015	Deviation angles Revised
R3-3	H	24-04-2015	Armour rod note revised

Part 4 – High Voltage Overhead (H)

H09-1	G	30-04-2015	More details added and Dim 1730 was 1650
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H20-5	E	30-04-2015	Format and Transformer Location Changed
H27	B	30-04-2015	Format and Title Changed
H60 Series	A	22-04-2015	New Drawings

Part 6 - Low Voltage Overhead (L)

L3	C	25-03-2015	Format and Title Changed
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HB 01- MARCH 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
Part 2 - Reference (R)			
R3-1	E	29-01-2015	Format changed and Running earth added
R4	B	28-01-2015	Format changed and HV Insulator bolt revised
R6-1	C	06-03-2015	Annotation Rectified
R7-5	B	03-03-2015	New Drawing Added

Part 4 - High Voltage Overhead (H)

H06	G	29-01-2015	Note 7 added
H07	F	29-01-2015	Some annotations revised
H13	D	10-02-2015	Note 5 added
H14-1	E	10-02-2015	Format changed and note 5 added
H106	D	16-01-2015	Bird cover added
H111	E	19-01-2015	Bird cover added
H112	E	19-01-2015	Bird cover added

Part 10 - Conductor Tensioning Tables (CT)

CT-0057	A	04-03-2015	New drawing
CT-0109	A	04-03-2015	New drawing
CT-0110	A	04-03-2015	New drawing
CT-0111	A	04-03-2015	New drawing
CT-0112	A	04-03-2015	New drawing
CT-0113	A	04-03-2015	New drawing

HB 01- JANUARY 2015

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
Part 2 - Reference (R)			
R3-3	G	19-12-2014	Notes Revised
Part 4 - High Voltage Overhead (H)			
H02	C	12-01-2015	Format changed, Running earth and notes revised
H40-2	B	12-01-2015	Format and title changed
H40-3	A	12-01-2015	New Drawing
H46	E	19-12-2014	Format changed and running earth relocated
H47-1	E	05-01-2015	Format changed and RE to stay connection removed
H100	E	09-01-2015	Title Changed
H101	D	09-01-2015	Title Revised
H108-2	C	12-01-2015	Title changed and notes 8 & 9 added

HB 01- DECEMBER 2014

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
Part 2 - Reference (R)			

R8-1-2	A	10-12-2014	New Drawing
R14-2	D	15-12-2014	Note 4&5 and more details added
R14-3	F	15-12-2014	Title changed, note 5 and more details added
R14-4	E	15-12-2014	Note 4&5 and more details added
R16-1	E	11-11-2014	More details added
R16-2	C	11-11-2014	Format Changed and Table Revised

Part 4 - High Voltage Overhead (H)

H31-1	E	20-11-2014	Format changed and Connector Colour Modified
H31-2	C	20-11-2014	Format changed and Connector Colour Modified
H44	C	04-12-2014	Format changed & Bonding with RE to Stay Deleted

HB 01- NOVEMBER 2014

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - general

No updates

Part 2 - Reference (R)

R6-1	E	15-10-2014	Format changed and more details added
R6-2	B	15-10-2014	Format changed and more details added
R12-1	C	15-10-2014	Redrawn and Title Modified
R12-2	D	15-10-2014	Format changed and Redrawn
R12-3	C	15-10-2014	Format changed and GS0062 changed to LV Isolator
R41	A	13-10-2014	New Drawing added

Part 4 - High Voltage Overhead (H)

H48-1	C	13-10-2014	Format changed and minor changes
H49	B	13-10-2014	Format changed and note added
H50	B	13-10-2014	Format changed and note added
H100	D	24-10-2014	Dispersion Plate Added
H101	C	24-10-2014	Dispersion Plate Added
H102	C	27-10-2014	Dispersion Plate Added
H103	D	27-10-2014	Dispersion Plate Added
H107	C	27-10-2014	Dispersion Plate Added

HB 01- OCTOBER 2014

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - general

No updates

Part 2 - Reference (R)

R3-3	F	09-10-2014	Notes revised
R8-4	E	09-09-2014	Format changed and Bare Mains to IPC ABC Deleted
R8-6	B	10-09-2014	New Drawing
R12-1	B	09-09-2014	Format Changed and Crimping Details Revised
R14-1	B	17-09-2014	Format changed and note 3 added
R14-2	C	17-09-2014	Format Changed and Note 3 & 4 Added
R14-3	D	17-09-2014	Format Changed and Note 3 & 4 Added
R14-4	D	17-09-2014	Format Changed and Note 3 & 4 Added
R14-5	B	26-09-2014	Format changed and drawing & notes revised
R16-2	B	17-09-2014	More Details Added

Part 3 - High Voltage Underground (UH)

No updates

Part 4 - High Voltage Overhead (H)

H01-1	F	17-09-2014	Note 6 Revised and Note 7 Added
H01-2	C	24-09-2014	Note 6 Added
H01-3	J	24-09-2014	Note 6 Added
H03	E	17-09-2014	Note 5 Revised
H04	D	17-09-2014	Note 4 Revised
H05	C	24-09-2014	Note 4 Revised and Note 5 Added
H06	F	17-09-2014	Note 6 Revised
H07	E	17-09-2014	Note 5 Revised
H08-1	B	18-09-2014	Format changed, Dimensions and Notes Revised
H08-2	C	17-09-2014	Note 4 Revised
H09-1	F	17-09-2014	Notes Revised
H09-3	C	17-09-2014	Note 4 Revised
H10-1	G	17-09-2014	Format changed and Earthing Revised
H10-2	G	17-09-2014	Format changed and Earthing Revised
H11-1	G	17-09-2014	Note 4 Revised
H11-2	D	17-09-2014	Note 4 Revised
H13	C	17-09-2014	Note 4 Revised
H15-1	E	23-09-2014	Dim for 1 PH CB Revised
H15-2	E	23-09-2014	Dim for 1 PH CB Revised
H15-3	F	23-09-2014	Dim for 1 PH CB Revised
H15-4	C	23-09-2014	Dim for 1 PH CB Revised
H15-5	C	24-09-2014	Dim for 1 PH CB Revised
H15-6	B	25-09-2014	Location of 1 PH CB Revised
H16-1 Sht.-1	K	25-09-2014	Dim 3500 was 3000 and Location of 1 PH CB changed
H16-1 Sht.-2	G	25-09-2014	Dim 3500 was 3000 and Location of 1 PH CB changed
H16-2 Sht. 1	D	25-09-2014	Location of 1 PH CB Revised
H16-2 Sht. 2	C	25-09-2014	Location of 1 PH CB Revised
H16-2 Sht. 3	C	25-09-2014	Location of 1 PH CB Revised
H16-3	E	25-09-2014	Location of 1 PH CB Revised
H16-4	C	25-09-2014	Location of 1 PH CB Revised
H16-5	C	25-09-2014	Location of 1 PH CB Revised
H16-6	C	25-09-2014	Location of 1 PH CB Revised
H17-1 Sht. 1	E	25-09-2014	More Dimensions added
H17-1 Sht. 2	C	25-09-2014	More Dimensions added
H17-2	C	30-09-2014	More Dimensions added
H17-3	C	30-09-2014	More Dimensions added
H51-2	C	09-10-2014	Format changed and 1 PH CB Location Revised
H51-4	D	09-10-2014	Format changed and 1 PH CB Location Revised

Part 8 - Street lighting (S)

S03	B	17-09-2014	Format Changed and Note added
S05	B	17-09-2014	Format Changed and Note added
S06	C	17-09-2014	Format Changed and Note added
S20	B	17-09-2014	Format Changed and Note added

HB 01- SEPTEMBER 2014

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - general

No updates

Part 2 - Reference (R)

R8-1	E	25-08-2014	Format changed, Details and Notes Revised
R8-3	F	25-08-2014	Format changed and Note Step 3 Revised
R13-1	D	25-08-2014	Format, Dwg. No. and E of PL 15.5 Changed
R13-2	A	25-08-2014	New Drawing
R16-1	D	07-08-2014	Format & Title changed and Sheet 2 added
R16-2	A	07-08-2014	New Drawing

Part 3 - High Voltage Underground (UH)

No updates

Part 4 - High Voltage Overhead (H)

H01-1	E	15-08-2014	Dispersion Plate for Crossarm Strap Added
H01-2	B	15-08-2014	Dispersion Plate for Crossarm Strap Added
H01-3	H	15-08-2014	Dispersion Plate for Crossarm Strap Added
H03	D	13-08-2014	Bracing Strap Note Revised
H23	B	13-08-2014	Format Changed and Bracing Strap Added

HB 01- AUGUST 2014

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - general

Updated

Part 2 - Reference (R)

R03-3	E	17-07-2014	Format changed and note revised
R36-1	B	18-07-2014	Format & Title changed and surge arrestor deleted
R36-2	A	18-07-2014	New Drawing

Part 3 - High Voltage Underground (UH)

No updates

Part 4 - High Voltage Overhead (H)

H01-1	D	09-07-2014	Title & Drawing Number changed and Note Revised
H01-2	A	07-07-2014	New Drawing
H01-3	G	07-07-2014	Drawing number changed
H03	C	09-07-2014	Format Changed and Note Revised
H04	C	09-07-2014	Format Changed and Note Revised
H05	B	09-07-2014	Format Changed and Note Revised
H06	E	09-07-2014	Format Changed and Note Revised
H07	D	09-07-2014	Format Changed and Note Revised
H08-2	B	09-07-2014	Format Changed and Note Revised
H09-1	E	09-07-2014	Format Changed and Note Revised
H09-3	B	09-07-2014	Format Changed and Note Revised
H11-1	F	09-07-2014	Format Changed and Note Revised
H11-2	C	09-07-2014	Format Changed and Note Revised
H13	B	09-07-2014	Format Changed and Note Revised
H15-1	D	04-07-2014	Format Changed and Note 2 added
H15-2	D	07-07-2014	Format Changed and Note 2 added
H15-3	E	07-07-2014	Format Changed and Note 2 added
H15-4	B	07-07-2014	Format Changed and Note 3 added
H15-5	B	07-07-2014	Format Changed and Note 2 added
H15-6	A	07-07-2014	New Drawing
H16-1 Sht. 1	J	07-03-2014	Format Changed and Note 11, 12 & 13 added
H19-1 Sht. 2	F	07-07-2014	Format Changed and Note 10 & 11 added
H16-2 Sht. 1	C	07-07-2014	Format Changed and Note 4 & 5 added
H16-2 Sht. 2	B	07-07-2014	Format Changed and Note 4 & 5 added

H16-2 Sht. 3	B	07-07-2014	Format Changed and Note 4 & 5 added
H16-3	D	07-07-2014	Format Changed and Note 4 & 5 added
H16-4	B	07-07-2014	Format Changed and Note 2 & 3 added
H16-5	B	07-07-2014	Format Changed and Note 2 & 3 added
H16-6	B	07-07-2014	Format Changed and Note 2 & 3 added
H17-1 Sht. 1	D	07-07-2014	Format Changed and Note 7 added
H17-1 Sht. 2	B	07-07-2014	Format Changed and Note 7 added
H17-2	B	07-07-2014	Format Changed and Note 5 added
H17-3	B	07-07-2014	Format Changed and Note 3 added
H100	C	16-07-2014	Format Changed and Spanning Note Revised
H101	B	16-07-2014	Format Changed and Spanning Note Revised
H102	B	16-07-2014	Format Changed and Spanning Note Revised
H103	C	16-07-2014	Format Changed and Spanning Note Revised
H104	B	16-07-2014	Format Changed and Dispersion Plate Added
H105	C	16-07-2014	Format Changed and Dispersion Plate Added
H106	C	16-07-2014	Format Changed and Dispersion Plate Added
H107	B	16-07-2014	Format Changed and Spanning Note Revised
H108-1	B	16-07-2014	Format Changed and Dispersion Plate Added
H108-2	B	16-07-2014	Format Changed and Spanning Note Revised
H109	C	16-07-2014	Format Changed and Dispersion Plate Added
H110	C	16-07-2014	Format Changed and Dispersion Plate Added
H111	D	16-07-2014	Format Changed and Dispersion Plate Added
H112	D	17-06-2014	Format Changed and Clarification of Dimension

Part 5 - Low Voltage Underground (U)

No updates

Part 6 - Low Voltage Overhead (L)

No updates

Part 7 - Low Voltage ABC (A)

No updates

Part 8 - Street lighting (S)

No updates

Part 9 - Miscellaneous (M)

No updates

Part 10 - Conductor Tensioning Tables (CT)

CT0001	B	21-07-2014	Table Revised
CT0002	B	21-07-2014	Table Revised
CT0003	B	21-07-2014	Table Revised
CT0004	B	21-07-2014	Table Revised

HB 01- JULY 2014

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General

No updates

Part 2 - Reference (R)

No updates

Part 3 - High Voltage Underground (UH)

No updates

Part 4 - High Voltage Overhead (H)

No updates

Part 5 - Low Voltage Underground (U)

No updates

Part 6 - Low Voltage Overhead (L)

No updates

Part 7 - Low Voltage ABC (A)

No updates

Part 8 - Street lighting (S)

No updates

Part 9 - Miscellaneous (M)

No updates

Part 10 - Conductor Tensioning Tables (CT) New Part Added**HB 01-2010**

<u>Drawing</u>	<u>Rev</u>	<u>Handbook</u>	<u>Description of Update</u>
		<u>Updated</u>	

Part 1 - General**Part 2 - Reference (R)**

R1	C	27-05-2010	Revised, location of square washer against the pole
R1	D	26-08-2010	Added reference to second square washer
R1	E	05-12-2011	Added note to specify thread length
R2-1	A	05-07-2013	Updated notes to include stays and steetlights
R2-2	A	05-07-2013	Updated notes to include stays and steetlights
R2-3		02-06-2011	Insert stock code for dispersion kit and plate
R2-3	A	05-07-2013	Updated notes to include stays and steetlights
R2-4	C	08-04-2010	Update requirements for use and correct the date
R2-4	C	02-06-2011	Insert stock code for dispersion kit and plate
R2-4	D	05-07-2013	Updated notes to include stays and steetlights
R2-5	A	02-06-2011	Insert stock code for dispersion kit and plate
R3-1	C	09-11-2010	Replaced slant shed insulator with new post insulator
R3-2	A	09-11-2010	Replaced slant shed insulator with new post insulator
R3-3	B	09-11-2010	Replaced slant shed insulator with new post insulator
R3-3	C	18-06-2013	Amended installation locations and added SVD's
R7-1	C	19-05-2010	Tech screws replaced roofing nails
R6-1	D	17-12-2013	Amended clamp connection of earth to rod
R6-2	A	18-12-2013	Amended clamp connection of earth to rod
R8	D	19-05-2010	Added "tightening Nm"
R8/1	D	16-05-2012	Drain loop cross-reference to H12 and layout change
R8/3	E	21-08-2013	Updated with Galvanised steel reference
R8-4	D	05-10-2010	Added bare mains to IPC ABC connector
R9	C	08-10-2010	Replaced bottom M16 bolt with coach screws
R10-1	D	06-10-2010	Added Boric Acid fuse
R10-2	D	20-08-2010	Replaced Boric Acid fuse with Fault Tamer
R10-1	E	29-11-2012	Updated to include K-Mate
R10-2	E	29-11-2012	Updated after K-Mate added to R10-1
R10-1	F	03-01-2013	Updated to include all details from R10-1 and R10-2
R10-2			Removed after details moved to R10-1
R11	D	02-10-2012	Moved flowline fuse bracket to inside the mounting bracket

R11	C	14-06-2011	Moved bracket above cross-arm and added alternative
R12-2	C	08-03-2010	Updated the Krone drawing and earthing details
R12-3	A	09-03-2010	Updated the Krone drawing
R14-1	A	26-10-2010	Included the second rope grip installation detail and earthing using PG clamp
R14-2	B	26-10-2010	Included the second rope grip installation detail and earthing using PG clamp
R14-2	B	09-07-2013	Added dispersion plates to drawing for completeness
R14-3	B	26-10-2010	Included the second rope grip installation detail and earthing using PG clamp
R14-3	C	09-07-2013	Added dispersion plates to drawing for completeness
R14-4	B	26-10-2010	Included the second rope grip installation detail and earthing using PG clamp
R14-4	C	09-07-2013	Added dispersion plates to drawing for completeness
R14-5	A	01-10-2010	Included the second rope grip installation detail
R16	B		Updated to clarify the process
R8/2	C	19-12-2013	Included reference to DDC (CN_17)

Part 3 - High Voltage Underground (UH)

U23-1	C	16-04-2012	Added note, UMS pits
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Part 4 - High Voltage Overhead (H)

H1	A	28-09-2010	Update the bonding to reflect R2 update
H1 sheet1	A	28-09-2010	Update the bonding to reflect R2 update
H1 sheet1	B	11-10-2013	Remove wooden cross-arm
H1 sheet1	C	01-04-2014	LV added
H1 sheet2	D	09-11-2010	Removed anti-swan cross arm with short raiser
H1 sheet2	E	10-10-2013	Update RDA reference and correct dimensions
H1 sheet2	F	01-04-2014	Notes Revised
H2	B	09-10-2012	Replaced post insulator with long rod
H2	A	28-09-2010	Update the bonding to reflect R2 update
H3	A	28-09-2010	Update the bonding to reflect R2 update
H3	B	17-10-2012	Remove wooden cross-arms and correct dimensions
H3	B	09-05-2013	Increase clearance between cross-arms
H3	B	03-07-2013	Confirm insulator locations when offset
H4	A	28-09-2010	Update the bonding to reflect R2 update
H4	B	09-05-2013	Increase clearance between cross-arms
H5		28-09-2010	Update the bonding to reflect R2 update
H6	C	28-09-2010	Update the bonding to reflect R2 update
H6	D	10-10-2013	Replace ball hook with bow shackle
H7	B	28-09-2010	Update the bonding to reflect R2 update
H7	C	10-10-2013	Replace ball hook with bow shackle
H8-1		24-09-2010	Changed a reference from H9 to H9-1
H8-1	A	28-09-2010	Update the bonding to reflect R2 update
H8-2		24-09-2010	Changed a reference from H9 to H9-1
H8-2	A	28-09-2010	Update the bonding to reflect R2 update
H9-2	B	30-09-2010	Update the bonding to reflect R2 update
H9-3		30-09-2010	Update the bonding to reflect R2 update
H9-4			Removed drawing. Duplicated with H17-5
H10-1	E	30-09-2010	Update the bonding to reflect R2 update
H10-1	F	05-09-2013	Added jumper clearance note
H10-2	E	30-09-2010	Update the bonding to reflect R2 update
H10-2	F	05-09-2013	Added jumper clearance note
H11-1	E	03-05-2011	Increased the cross-arm to TX clearance by 200mm
H12	B	17-04-2012	Added drip loop requirements
H13		01-10-2010	Update the bonding to reflect R2 update
H14-1	C	15-04-2010	Changed the description from "Fuse" to "Switch"
H14-1	D	25-05-2013	Update the bonding to reflect R2 update
H16-1 sh1	I	13-11-2012	Move R/E above recloser, LV fuse and updated notes

H16-1 sh1	H	21-03-2012	Replaced Top of Recloser reference with a bolt dimension
H16-1 sh1	I	16-09-2011	Update and clarify the location of extension arm and DOF
H16-1 sh2	E	13-11-2012	Updated fusing details and notes
H16-1 sh2	D	21-03-2012	Replaced Top of Recloser reference with a bolt dimension
H16-1 sh2	C	16-09-2011	Update and clarify the location of extension arm and DOF
H16-2 sh3	A	30-07-2013	Amended the pole length to 12.5m min.
H16-4	A	01-10-2010	Update the bonding to reflect R2 update
H17-1 sh2	A	27-06-2013	Corrected the orientation of the raiser bracket
H17-2	A	01-10-2010	Update the bonding to reflect R2 update
H17-3		04-10-2010	Update the bonding to reflect R2 update
H17-4	A	11-10-2012	Replaced insulator IC0047 with IC0073
H21	A	04-10-2010	Update the bonding to reflect R2 update
H20-1	B	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-2	C	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-3	C	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-4	C	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-5	C	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-5	D	23-05-2013	Update the bonding to reflect R2 update
H20-6	C	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-7	B	20-07-2011	Remove earth jumper from bottom of surge arrester
H20-7	C	23-05-2013	Update the bonding to reflect R2 update
H20-8	A	20-07-2011	Remove earth jumper from bottom of surge arrester
H22	B	04-10-2010	Update the bonding to reflect R2 update
H22	B	29-07-2013	Update minimum pole length
H23		04-10-2010	Update the bonding to reflect R2 update
H23	A	03-07-2013	Specify insulator and down earth locations
H30	B	07-10-2011	Update with a new drawing
H32-1	C	11-02-2010	Update the Terminal Strip information
H32-2	C	11-02-2010	Update the Terminal Strip information
H33-2	C	15-03-2012	Correct missing Running Earth dimension
H40-1	C	10-10-2013	Orientation changed for better clarity
H41-2	A	19-04-2012	Corrected tap around insulator and dimensions update
H41-2	A	23-06-2013	Update the bonding to reflect R2 update
H41-1	A	10-10-2013	Replace ball hook with bow shackle
H43	A	09-10-2012	Include slack bays, replaced H45
H45			Deleted. H43 includes slack bays
H46	C	28-02-2011	Remove earth jumper from bottom of surge arrester
H47-1	C	28-02-2011	Remove earth jumper from bottom of surge arrester
H47-2	B	28-02-2011	Remove earth jumper from bottom of surge arrester
H48-2	A	28-02-2011	Remove earth jumper from bottom of surge arrester
H51-1		19-07-2011	Removed, superseded by H51-4
H51-2	E	28-02-2011	Remove earth jumper from bottom of surge arrester
H51-2	E	31-10-2013	Drawing removed, refer to H51-4.
H51-2	A	28-02-2011	Remove earth jumper from bottom of surge arrester
H51-2	B	31-10-2013	Updated incorporating feedback from the field
H51-3	D	28-02-2011	Remove earth jumper from bottom of surge arrester
H51-3	D	31-10-2013	Drawing removed, refer to H51-4.
H51-4	B	28-02-2011	Remove earth jumper from bottom of surge arrester
H51-4	C	31-10-2013	Updated incorporating feedback from the field
H53	A	20-03-2013	Clarify area around tapping of conductor
H53	B	06-12-2013	Add cross-arm alternative construction
H100	A	22-12-2011	Removed the "Road Side" reference
H100	B	03-12-2013	Changed 1300mm to 1200mm HV to LV separation
H101	A	22-12-2011	Removed the "Road Side" reference
H101	B	19-03-2014	Distance between eyebolt & king bolt increased to 600mm
H102	A	22-12-2011	Removed the "Road Side" reference
H103	A	17-08-2011	Correct drilling dimensions
H103	B	22-12-2011	Removed the "Road Side" reference
H104	A	03-02-2012	Added measurement for cable termination and moved stay

H105	A	22-12-2011	Removed the “Footpath Side” reference
H106	A	22-12-2011	Removed the “Footpath Side” reference
H107	A	22-12-2011	Removed the “Footpath Side” reference
H108			Replaced by H108-2 when H108-2 was created
H108-1	A	03-08-2011	Renamed from H108, when H108-2 was created
H108-2	O	03-08-2011	Created new in-line strain drawing
H109	A	17-10-2011	Note to highlight centre phase clearance from messenger
H109	B	28-11-2011	Moved centre phase termination from the pole to cross-arm
H110	A	17-10-2011	Note to highlight centre phase clearance from messenger
H110	B	28-11-2011	Moved centre phase termination from the pole to cross-arm
H111	A	05-12-2011	Updated CU details, added SA details
H111	A	22-12-2011	Removed the “Road Side” reference
H112	A	22-12-2011	Removed the “Footpath Side” reference
H203	A	12-12-2011	Added earthing detail to catenary
H204	A	12-12-2011	Added earthing detail to catenary
H206	A	12-12-2011	Added earthing detail to catenary
H207	A	12-12-2011	Added earthing detail to catenary
H209	A	13-12-2011	Added earthing detail to catenary
H211	A	13-12-2011	Added earthing detail to catenary
H212	A	13-12-2011	Added earthing detail to catenary
H213	A	13-12-2011	Added earthing detail to catenary
H214	A	14-12-2011	Added earthing detail to catenary
H215	A	14-12-2011	Added earthing detail to catenary
H216	A	14-12-2011	Added earthing detail to catenary
H217	A	16-05-2011	Correct the drawing title
H217	B	14-12-2011	Added earthing detail to catenary
H218	A	14-12-2011	Added earthing detail to catenary

Part 5 - Low Voltage Underground (U)

U25	B	28-03-2014	LV Kiosk type 2
U31	A	12-02-2014	Wall Box Surface Mounted on Customer’s Wall
U32	A	12-02-2014	Wall Box Semi-recess Mounted on Customer’s Wall
U33	A	12-02-2014	Wall Box Mounted Inside Customer’s Enclosure

Part 6 - Low Voltage Overhead (L)

L01	B	14-10-2013	Remove switchwire
L02	B	05-12-2013	Remove switchwire
L03	B	14-10-2013	Remove switchwire
L05	B	15-10-2013	Remove switchwire
L06	B	05-12-2013	Remove switchwire
L07	B	05-12-2013	Remove switchwire

Part 8 - Street lighting (S)

S1	A	29-07-2013	Drawing removed – reference to switchwire
S02	C	29-11-2011	Corrected the attachment of the SL pole to the plate
S4	A	29-07-2013	Drawing removed – reference to switchwire
S13	A	22-02-2013	Drawings added
S14	A	22-02-2013	Drawings added
S14	B	19-08-2013	Conductor, fuse and saddles specified
S15	A	22-02-2013	Drawings added
S15	B	19-08-2013	Saddles noted
S16	A	26-03-2013	Drawings added
S17	A	26-03-2013	Drawings added
S18	A	26-03-2013	Drawings added
S19	A	22-04-2013	Drawing added
S20	A	22-04-2013	Drawing added

Part 9 - Miscellaneous (M)

Replaced DM link (4320060, 4320226 & 4320081) with DM 9926446

HB 01-2009: December 2009

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General

Part 2 - Reference ®

R1		02/09/2009	Changed the arrangement of washers
R5/1		29/10/2009	Added the new forged eye bolt
R8/8		25/11/2009	Added new drawing
R26/2	B	11/11/2009	Changed drawing and description
R26/3	B	11/11/2009	Changed drawing and description
R35	A		Replaced with R35-1
R35-1	A	24/11/2009	Changed drawing number from R35
R35-2		24/11/2009	Added new drawing, to explain 480V connection
R35-3		20/01/2009	Added new drawing, to explain 415V 3phase connection

Part 3 - High Voltage Underground (UH)

Part 4 - High Voltage Overhead (H)

H10-1		16-12-2009	Correct dimension between x-arm and RE from 750 to 1500mm
H9-3		22-10-2010	Insert post insulator omitted on previous version
H12	A	17-12-2009	33kV PTS contacts opened and oriented to match the 22kV unit, feedback from John Norman
H16-2 sheet3		08-12-2008	Updated with new drawing
H32-1	D	18-09-2009	Updated with new drawing
H32-2	B	18-09-2009	Updated with new drawing
H32-3		18-09-2009	Removed due to new drawing update
H32-4		18-09-2009	Removed due to new drawing update
H33-1	B	18-09-2009	Insert new drawing
H33-2	B	18-09-2009	Insert new drawing
H51-1 Sheet1	E	20/04/2009	Changed the name to "Sheet 1" due to the addition of sheet 2. Did not adjust the revision or date as the change is considered small.
H51-2 Sheet2	A	27/08/2009	Add new drawing

Part 5 - Low Voltage Underground (U)

U8	B	29-09-2009	Updated drawing, moved board to front and added stirrup to service cable
U19/3	D	20-01-2010	Updated drawing, outline 240V, 480V, three phase and parallel transformer connection

Part 6 - Low Voltage Overhead (L)

Part 7 - Low Voltage ABC (A)

Part 8 - Streetlighting (S)

Part 9 - Miscellaneous (M)

HB 01-2009: August 2009

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General

Part 2 - Reference (R)

R40	03/08/2009	Add new Drawing
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Part 3 - High Voltage Underground (UH)**Part 4 - High Voltage Overhead (H)**

H15-4	15/7/2009	NEW 3 PH Recloser HV BARE – HV ABC with LV Aerial Supply inserted, which replaced the previously removed 3 PH Recloser with Solar Supply Arrangement
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Part 5 - Low Voltage Underground (U)**Part 6 - Low Voltage Overhead (L)****Part 7 - Low Voltage ABC (A)****Part 8 - Streetlighting (S)****Part 9 - Miscellaneous (M)****HB 01-2009: July 2009**

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General**Part 2 - Reference (R)**

R2/1		New Bonding Drawing replacing old method
R2/2		New Bonding Drawing replacing old method
R2/3		New Bonding Drawing replacing old method
R2/4		New Bonding Drawing replacing old method
R2/5		New Bonding Drawing replacing old method

Part 3 - High Voltage Underground (UH)**Part 4 - High Voltage Overhead (H)****Part 5 - Low Voltage Underground (U)****Part 6 - Low Voltage Overhead (L)****Part 7 - Low Voltage ABC (A)****Part 8 - Streetlighting (S)****Part 9 - Miscellaneous (M)****HB 01-2009: May 2009**

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General**Part 2 - Reference (R)****Part 3 - High Voltage Underground (UH)**

Part 4 - High Voltage Overhead (H)**Part 5 - Low Voltage Underground (U)**

U23-1	A	4/5/2009	Add label detail to drawing
U23-2	0	4/5/2009	Add new drawing

Part 6 - Low Voltage Overhead (L)**Part 7 - Low Voltage ABC (A)****Part 8 - Streetlighting (S)****Part 9 - Miscellaneous (M)****HB 01-2008: Jan 2009**

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General**Part 2 - Reference (R)****Part 3 - High Voltage Underground (UH)****Part 4 - High Voltage Overhead (H)**

H14-1	C	18 Dec 2008	Add earth bolt to station post insulator
H19-1	B	15 Dec 2008	Add earth bolt to station post insulator
H19-2	B	15 Dec 2008	Add earth bolt to station post insulator
H20-1	B	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-2	C	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-3	C	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-4	C	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-5	C	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-6	C	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-7	B	18 Dec 2008	Add Notes, earth bond and fuse grading
H20-8	A	18 Dec 2008	Add Notes, earth bond and fuse grading
H51-4		5 Jan 2009	New drawing added
H16-1 sht 1	E	20 Jan 2009	Change name from H16-1 to H16-1 sht 1
H16-1 sht 2		20 Jan 2009	Add new drawing

Part 5 - Low Voltage Underground (U)**Part 6 - Low Voltage Overhead (L)****Part 7 - Low Voltage ABC (A)****Part 8 - Streetlighting (S)****Part 9 - Miscellaneous (M)****HB 01-2008: Nov 2008**

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General**Part 2 - Reference (R)**

R31	B	20-Jan-03	Update drawing
R26/4	A	07-Mar-08	Add new drawing
R10	A	01-Aug-01	Superseded by R10-1 and R10-2
R10-1	B	01-Oct-08	Add new drawing
R10-2	0	01-Oct-08	Add new drawing

Part 3 - High Voltage Underground (UH)**Part 4 - High Voltage Overhead (H)**

H14-3		26-Sep-08	Add drawing
H16-1	D	26-Sep-08	Drawing was accidentally changed to LBS with Logo change over. Is now replaced with original Recloser drawing
H16-2 s1	B	26-Sep-08	Change title from two bush Tx to One bush Tx
H18		26-Sep-08	Rectify number from H18-1 to H18
H31-3		26-Sep-08	Add new drawing
H31-4		26-Sep-08	Add new drawing
H52		26-Sep-08	Change H52 to H52-1
H52-2		26-Sep-08	Add new drawing

Part 5 - Low Voltage Underground (U)**Part 6 - Low Voltage Overhead (L)****Part 7 - Low Voltage ABC (A)****Part 8 - Streetlighting (S)**

Part 9 - Miscellaneous (M) Remove copies from C(b)1 and add policy references

HB 01-2007: June 2008

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General**Part 2 - Reference (R)**

R8/1	C	29 Nov 2007	Update logo
R8/2	C	29 Nov 2007	Add new section R8/3
R8/3	C	29 Nov 2007	Newly added section
R8/4	C	29 Nov 2007	Update section number (R8/3 in previous version)

Part 3 - High Voltage Underground (UH)**Part 4 - High Voltage Overhead (H)**

H1	A	23 June 2008	Superseded by H1-1
H1-2	A	23 June 2008	Add new Anti Swan drawing
H9/3	A	23 June 2008	Add new drawing
H9/4	A	23 June 2008	Add new drawing
H11/3	A	23 June 2008	Add new drawing
H14/1	B	23 June 2008	Add Insulator

H16/4	A	13 Nov 2007	Change position of warning sign
H16/5	A	23 June 2008	Add new drawing
H16/6	A	23 June 2008	Add new drawing
H17/1	A	23 June 2008	Superseded by H17/1-1
H17/1-2	A	23 June 2008	Add new drawing
H32/2	A	13 Nov 2007	Add notes
H41	A	23 June 2008	Superseded by H41/1
H41/2	A	23 June 2008	Add new drawing
H200 – H218	0	25 Mar 2008	Add Drawings for HV ABC system

Part 5 - Low Voltage Underground (U)

U30/1	C	29 Nov 2007	Add notes to refer to U30/2
U30/2	B	29 Nov 2007	Correction on instruction 10

Part 6 - Low Voltage Overhead (L)

Part 7 - Low Voltage ABC (A)

Part 8 - Streetlighting (S)

Part 9 - Miscellaneous (M)

HB 01-2007: Issued October 2007

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General

Part 2 - Reference

Part 3 - High Voltage Underground

Part 4 - High Voltage Overhead

H10	D	21 July 2004	Superseded by H10/1 and H10/2
H10/1	E	01 Oct 2007	Intermediate transformer HV to LV Bare
H10/2		01 Oct 2007	Intermediate transformer HV to LV ABC
H16/2-1	B	01 Oct 2007	Altered location of running earth from LBS side to TX side
H16/3	A	01 Oct 2007	Altered location of running earth from LBS side to TX side
H51/1	C	01 Oct 2007	Altered source and load indication for recloser
H51/2	C	01 Oct 2007	Altered source and load indication for recloser

Part 5 - Low Voltage Underground

Part 6 - Low Voltage Overhead

Part 7 - Low Voltage ABC

Part 8 - Streetlighting

Part 9 - Miscellaneous

No longer included in the Manual

HB 01-2007: Issued April 2007

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Introduction

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
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Part 1 - General**Part 2 - Reference**

Gen. Notes		18 Dec 2006	Added Note 4 - use of steel straps on wood poles
R3/3	A	21 Feb 2007	Modified information - Armour rods to be used on all bays over 80m (was 100m)
R11	B	21 Feb 2007	Added Note - Washer for bail
R12/2	B	13 Nov 2006	Modified 315kVA connection options - refer to R12/3
R12/3	-	13 Nov 2006	New drawing showing 315kVA connection options
R20	A	16 May 2006	Number "8" missing from Notes 1 to 8.
R27	D	16 May 2006	Fixed formatting and added reference to R26/3.
R30	A	21 Feb 2007	Fixed drawing - Screen wire and blue wire use common bolt
R36	A	8 Apr 2006	Updated drawing Rev. O to Rev A showing connection details for new type of mains surge arrestor.
R39	A	16 May 2006	Removed note 3.

Part 3 - High Voltage Underground

Gen. Notes		7 Mar 2006	Note to use FJ0310 and FJ0405 for 11KV rated cable transition joints For 22KV cables use FJ0403.
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Part 4 - High Voltage Overhead

Gen. Notes		5 Jun 2006	Note to allow grey flexible hose on existing taps
H8/1	A	21 Feb 2007	Added new drawing to the series H8/2
H8/2	A	21 Feb 2007	New drawing showing Intermediate Cable With Dropout Fuse Alternate XArm
H12	B	20 Feb 2007	Modified dimensions
H15/3	D	5 June 2006	Crossarm type corrected
H16/2-1	A	27 Mar 2007	Added new sheet to the drawing
H16/2-2	-	27 Mar 2007	New drawing showing Pole Mount Load Break Switch w/ Bypass Switch On Two Bushing Tx Antenna To Suit
H16/3	0	20 Feb 2007	New drawing showing Pole Mount Load Break Switch In-line Strain
H16/4	0	20 Feb 2007	New drawing showing Pole Mount Load Break Switch with Transformer Supply Arrangement
H17/5	0	20 Feb 2007	New drawing showing Intermediate Transformer (1PH) 3PH Inline Cables/2x1PH SPURS With/Without Dropout Fuse
H19/1	A	20 Feb 2007	Added Note - H19/2 as preferred construction
H19/2		20 Feb 2007	Design preferred over H19/1 for termination pole-top switch with feeder cable
H20/1	A	20 Feb 2007	Added new drawings to the series H20/2 - H20/8
H20/2	B	20 Feb 2007	New drawing showing Isolation Transformer 3PH Termination/1PH Inline Without 1PH Dropout Fuse
H20/3	B	20 Feb 2007	New drawing showing Isolation Transformer 3PH Termination/1PH Inline With Dropout Fuse
H20/4	B	20 Feb 2007	New drawing showing Isolation Transformer 3PH Termination/1PH Cable With/Without Dropout Fuse

<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>
H20/5	B	20 Feb 2007	New drawing showing Isolation Transformer 3PH Cable/1PH Tee-Off With/Without Dropout Fuse
H20/6	B	20 Feb 2007	New drawing showing Isolation Transformer 3PH In-line/1PH Tee-Off Without Dropout Fuse
H20/7	A	20 Feb 2007	New drawing showing Isolation Transformer 3PH Termination/1PH Cable
H20/8	0	20 Feb 2007	New drawing showing Termination Transformer 2 Phase Line/ 1 Phase SPUR
H22	B	20 Feb 2007	Revised notes and drawing information
H32/1	0	20 Feb 2007	New drawing showing 33kV Type TSC Oil Switch & Capacitor Pole Mounted
H32/2	0	20 Feb 2007	New drawing showing 33kV 1 PH Transformer Pole Mounted
H32/3	0	20 Feb 2007	New drawing showing 33kV Type TSC Oil Switch & Capacitor Inline Pole Mount
H40/1	B	15 May 2007	Added new drawing to the series H40/2
H40/2		15 May 2007	New drawing showing Anti Clash Intermediate
H47/1	B	20 Feb 2007	Added new drawing to the series H47/2
H47/2	A	20 Feb 2007	New drawing showing 3 PH Inline/1 PH Transformer With Dropout Fuse
H51/3	0	20 Feb 2007	New drawing showing Single Phase Recloser In-line DOF/Stand-off brackets with Single Phase Tx Supply
H53	0	27 Mar 2007	New drawing showing 1 Phase In-line Strain With Sectionaliser & Bypass Fuse

Part 5 - Low Voltage Underground

Part 6 - Low Voltage Overhead

Gen. Notes	7 Mar 2006	Added IBI008-01 in General Notes regarding approved 'LV Transposed' signs on poles for transposed LV.
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Part 7 - Low Voltage ABC

A9	A	24 Nov 2006	Added comment on fixing bolts
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Part 8 - Streetlighting

Part 9 - Miscellaneous

HB 01-2005 : Issued November 2005

<u>Drawing</u>	<u>Rev</u>	<u>Updated</u>	<u>Description of Update</u>
Introduction			
Part 1 - General			
<u>Drawing</u>	<u>Rev</u>	<u>Handbook Updated</u>	<u>Description of Update</u>

Part 2 - Reference

Part 3 - High Voltage Underground**Part 4 - High Voltage Overhead**

Dwg Register		26-May-05	Updated to reflect current drawings
H31/1	B	26-May-05	Design superseded by H31/2
H31/2	-	26-May-05	New drawing with 10kVA tx on same pole
H33/1	B	26-May-05	Added comment "Earth @ <30ohms"
H33/2	A	26-May-05	Added comment "Earth @ <30ohms"
H33/3	A	26-May-05	Added comment "Earth @ <30ohms"
H33/3A	A	26-May-05	Added comment "Earth @ <30ohms"
H33/4	A	26-May-05	Added comment "Earth @ <30ohms"

Part 5 - Low Voltage Underground**Part 6 - Low Voltage Overhead****Part 7 - Low Voltage ABC****Part 8 - Streetlighting****Part 9 - Miscellaneous****HB 01-2004 Issued March 2005**

<u>Drawing</u>	<u>Rev</u>	<u>Updated</u>	<u>Description of Update</u>
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Introduction

Revision History updated

Part 1 - General

No updates

Part 2 - Reference

General Notes		27-Jul-04	PG from joins
R2/3	B	22-Dec-04	Running Earth Added
R6/1	D	21-Jul-04	See earth mat to pole leads
R8/2	B	22-Jul-04	Single bolt pg added
R26/1	C	25-Jan-05	Includes reference to superseded equipment

Part 3 - High Voltage Underground

No updates

Part 4 - High Voltage Overhead

H6	C	17-Oct-04	Phase clearance bolt holes updated
H10	D	21-Jul-04	Reference to PG clamp added
H11/1	D	22-Jul-04	Reference to PG clamp added
H11/2	B	23-Jul-04	Reference to PG clamp added
H16	-	13-Dec-04	Removed drawing. Superseded by H16/1 and H16/2
H16/1	D	13-Dec-04	New drawing
H16/2	-	13-Dec-04	New drawing
H21	A	24-Jul-04	4 wire meter
H33/1	A	25-Jul-04	New Drawing
H33/2	-	26-Jul-04	New Drawing
H33/3	-	27-Jul-04	New Drawing

H33/3A	-	28-Jul-04	New Drawing
H33/4	-	29-Jul-04	New Drawing
H40	A	30-Jul-04	Rotate phase bkt
H46	B	31-Jul-04	Fuse dimension added
H47	A	01-Aug-04	Stay earth to running earth now behind pole
H51/1	B	02-Aug-04	Earthing info added
H51/2	B	03-Aug-04	Earthing info added

Part 5 - Low Voltage Underground

U/9	B	10-Oct-04	
U19/2	B	10-Oct-04	Cable depth
U19/3	A	19-Jul-04	Cable depth
U30/1	B	23-Dec-04	Connector change
U30/2	A	23-Dec-04	Notes update to suit new connector

Part 6 - Low Voltage Overhead

General Notes		02-Mar-05	Updated LV Neutral comments
L3	A	01-Mar-05	Updated notes

<u>Drawing</u>	<u>Rev</u>	<u>Updated</u>	<u>Description of Update</u>
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Part 7 - Low Voltage ABC

A3	B	22-Dec-04	Notes updated
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Part 8 - Streetlighting

No updates

Part 9 - Miscellaneous

No updates

HB 01-2004 Issued Feb 2004

<u>Drawing</u>	<u>Rev</u>	<u>Updated</u>	<u>Description of Update</u>
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Introduction

Revision History updated

Part 1 - General

No updates

Part 2 - Reference

R1	A	25-Nov-03	Notes amended
R5/1	A	20-Oct-03	Bolt dimensions added
R5/2	A	20-Oct-03	Bolt dimensions added
R6/1	C	20-Oct-03	Update to down earth fixing
R7/3	-	20-Oct-03	New drawing
R8/2	A	20-Oct-03	Notes amended
R8/3	B	20-Oct-03	Notes amended
R11	A	20-Oct-03	Notes amended and drawing amended
R12/1	A	20-Oct-03	Earthing description amended
R12/2	A	20-Oct-03	Fuse unit updated
R14/1	A	20-Oct-03	Reference added
R14/2	B	20-Oct-03	Reference added
R14/3	B	20-Oct-03	Reference added
R14/4	B	20-Oct-03	Reference added

R14/5	A	20-Oct-03	Reference added
R26	A	21-May-02	Superseded by R26/1 and R26/2
R26/1	B	21-Oct-03	Replaces R26
R26/2	A	6-Nov-03	New drawing
R26/3	A	6-Nov-03	New drawing
R27	A	6-Nov-03	Notes amended
R31	A	20-Oct-03	Notes amended
R33	-	20-Oct-03	Heatshrink glove added
R39	-	25-Nov-03	New drawing

Part 3 - High Voltage Underground

Drawings	Deleted (refer to UH Drawing Register)
General Notes	Notes amended

<u>Drawing</u>	<u>Rev</u>	<u>Updated</u>	<u>Description of Update</u>
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Part 4 - High Voltage Overhead

H3	A	21-Nov-03	Notes amended
H6	B	20-Oct-03	Notes amended
H7	B	20-Oct-03	Notes amended
H9	A	13-Mar-02	Superseded by H9/1 and H9/2
H9/1	B	20-Oct-03	Replaces H9
H9/2	B	20-Oct-03	Replaces H9
H10	C	20-Oct-03	Intermediate change to suit offset crossarm
H11/1	C	20-Oct-03	Dimension change
H11/2	A	20-Oct-03	Dimension change

<u>Drawing</u>	<u>Rev</u>	<u>Updated</u>	<u>Description of Update</u>
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H14/1	A	20-Oct-03	Change to dropper
H15/1	C	20-Oct-03	Antenna bracket reversed
H15/2	C	20-Oct-03	Antenna bracket reversed
H15/3	C	20-Oct-03	Antenna bracket reversed
H15/4	C	20-Oct-03	Antenna bracket reversed
H16	C	20-Oct-03	Notes amended
H17/1	B	20-Oct-03	Title change and notes amended
H17/2	A	20-Oct-03	Notes amended
H17/3	-	20-Oct-03	New drawing
H17/4	-	20-Oct-03	New drawing
H29/1	B	20-Oct-03	Antenna bracket reversed
H29/2	B	20-Oct-03	Antenna bracket reversed
H31	A	20-Oct-03	Warning sign added
H48	-	13-Jul-00	Superseded by H48/1 and H48/2
H48/1	A	1-Nov-03	Replaces H48
H48/2	-	20-Sep-03	New Drawing

Part 5 - Low Voltage Underground

Drawings			Deleted (refer to U Drawing Register)
General Notes			Notes amended
U16	B	20-Oct-03	Phasing amended
U19/1	B	20-Oct-03	Phasing amended
U19/2	A	20-Oct-03	Phasing amended
U19/3	-	20-Oct-03	New drawing

Part 6 - Low Voltage Overhead

LV Spreaders Notes included.

Part 7 - Low Voltage ABC

A6	A	20-Oct-03	Stalk fitting added
A7	A	20-Oct-03	Stalk fitting added

Part 8 - Streetlighting

S1	B	1-Nov-03	Notes amended
S2	B	1-Nov-03	Notes amended
S7	B	1-Nov-03	Notes amended
S8	A	7-Nov-03	Notes amended
S9	A	7-Nov-03	Notes amended

Dwg No.	Rev No.	Description of change
S10	A	1-Nov-03 Notes amended
S11	A	7-Nov-03 Notes amended
S12	A	7-Nov-03 Notes amended

HB 01-2002 Issued June 2002

General

- Application section 2.1 amended to clarify regarding drawing notes and reference drawings
- Related information section 3.3 amended to include other WP publications
- General notes added to Part 6 Low Voltage Overhead
- General notes added to Part 8 Low Voltage Streetlighting
- All drawing registers updated

Drawings updated

- The following drawings have been updated

Dwg No.	Rev No.	Description of change
R2/1	A	Removed LV kingbolt bonding, added bonding to tx mounting bolt
R2/2	A	Removed LV kingbolt bonding
R2/3	A	Change withdrawn
R2/4	A	Earth added
R2/5	A	Gang nail description amended
R2/6	A	Gang nail description amended
R3/1	A	Added ball hook and socket for RDA
R6/1	B	Cable saddle spacing added
R6/2	A	Comment added requiring approved braid
R7/1	B	Comment added regarding fixing requirements and cable guard dimensions
R7/2	A	Exploded view and cleat detail added
R8/1	B	Splicing and brass clamp detail amended
R8/3	A	References added
R13	A	Danger plate comment added
R14/2	A	Vertical dimension removed
R14/3	A	Drawing title amended
R19	-	Superseded by R19/1
R19/1	B	Replaced R19
R19/2	Original	New
R26	A	Title amended, comments amended
R32	A	Fuse comment amended
R34	Deleted	Drawing deleted – No longer current construction method
R35	A	Heatshrink glove added
H1	A	Clarification of vertical spacings added
H6	A	Ball hook and socket added for RDA
H7	A	Ball hook and socket added for RDA
H8	A	HV40 reference changed to H9

H9	A	Notes added
H11	-	Superseded by H11/1
H11/1	B	Replaced H11
H11/2	Original	New
H12	A	LV centreline added
H14	-	Superseded by H14/1
H14/1	A	Replaced H14
H14/2	Original	New
H15/1	B	Bushing and surge arrester detail changed, comment added
H15/2	B	Bushing and surge arrester detail changed, comment added
H15/3	B	Bushing and surge arrester detail changed, comment added
H15/4	B	Bushing and surge arrester detail changed, comment added
H16	B	Bushing and surge arrester detail changed, comment added
H17	-	Superseded by H17/1
Dwg No.	Rev No.	Description of change
H17/1	A	Replaced H17
H17/2	Original	New
H30	A	Earth connection redrawn
H31	Original	New
H51	-	Superseded by H51/1
H51/1	A	Replaced H51
H51/2	Original	New
H52	B	Title amended
U8	A	Heatshrink glove added
U9	A	Heatshrink glove added
U22	Deleted	Drawing deleted – No longer current construction method
U23	A	Double insulation requirements added
U27/2	A	Instructions amended
U30/1	A	Stock number added
L6	A	Comment added
A9	Original	New
S8	A	Fuseholder fixing detail amended

HB 01-2001 (1) Issued August 2001

General

- Headers and footers updated
- Section 4 header changed to Part 4 – High Voltage Overhead
- Page numbers now relate to sections so as introduction of new drawings is made easier
- Drawing Registers corrected for mistakes
- General comments added to LV and HV overhead sections
- Section 7 renamed to Low Voltage Aerial Bundled Cable
- Contents page updated

Drawings updated

- The following drawings have been updated

Dwg No.	Rev No.	Description of change
R6	-	Superseded by R6/1 and R6/2
R6/1	A	Replaced R6, added bandit strap text, reference to R7 and earth braid detail
R6/2	Original	New
R7	-	Superseded by R7/1 and R7/2
R7/1	A	Replaced R7
R7/2	Original	New

R8/1	A	Modified layout, added note for moisture drain
R9	A	Saddle fixing details added
R10	A	Titles clarified
R14/5	Original	New
R19	A	Added detail for 63kVA installation
R24	A	Type 1 kiosk width increased to 900
R27	A	Notes amended
R36	Original	New
R37	Original	New
Dwg No.	Rev No.	Description of change
R38	Original	New
UH1-1	A	Added semi-con detail
UH3-1	A	Modified pin and insulating plug detail
H4	A	Carry over pin added
H10	A	Neutral swapped to road side
H11	A	Reference 8 added
H15-1	A	Reference 36 added, dimension to control box added
H15-2	A	Reference 36 added, dimension to control box added
H15-3	A	Reference 36 added, dimension to control box added
H15-4	A	Reference 36 and 37 added, dimension to control box added
H22	A	Added bonding to o/h earthwire
H25	A	Added bonding to o/h earthwire
H29-1	A	Dimension note for mounting distance from HV only added
H29-2	A	Dimension note for mounting distance from HV only added
U15	A	Added cleat detail
U16	A	Added cleat detail, changed cable crutch to crossarm separation
U18	A	Added cable fixing detail, changed cable crutch to crossarm separation
U19-1	A	Added cable fixing detail, changed cable crutch to crossarm separation
U19-2	Original	New
U30-1	Original	New
U30-2	Original	New
A3	A	Added ABC tail termination detail
S1	A	Cable size changed from 1.5 to 6mm ² , notes amended
S2	A	Cable size changed from 1.5 to 6mm ² , notes amended
S3	A	Cable size changed from 1.5 to 6mm ² , notes amended
S4	A	Cable size changed from 1.5 to 6mm ² , notes amended
S5	A	Cable size changed from 1.5 to 6mm ² , notes amended
S6	A	Cable size changed from 1.5 to 6mm ² , notes amended
S7	A	Cable size changed from 1.5 to 6mm ² , notes amended