IEC 62023	**CEI 62023**
(Second edition – 2011)	(Deuxième édition – 2011)
Structuring of technical information and documentation	Structuration des informations et de la documentation techniques

C O R R I G E N D U M 1

Annex A - Example of a composite main document based on a parts list document

Annexe A – Exemple d'un document principal composite basé sur un document de nomenclature de composants

Annex B - Example of a main document based on a list of documents, referencing data sheet, object lists, etc.

Annexe B – Exemple d'un document principal basé sur une liste de documents, une fiche technique de référencement, des listes d'objets, etc.

Replace the existing Annexes A and B by the following new Annexes A and B.

Remplacer les Annexes A et B existantes par les nouvelles Annexes A et B qui suivent.

February 2012   Fevrier 2012

Annex A
(informative)

Example of a composite main document based on a parts list document

This example illustrates how a main document can be prepared based on a parts list document, in which document parts for characteristic data (see A.1) and complementary documents (see A.2) have been added, in addition to the document part for constituent objects (see A.3). **The reference designations used in the example (–G1 in A.3; Reference designation set) are referred to an external "top node" object.** The example presupposes that the object is internally subdivided from one aspect only; in this case the product aspect. If subdivisions from other aspects exist, document parts like the one for A.3 shall be added for each of them. This main document is referenced in Annex B, B.4.

A.1 Characteristic properties

Characteristic property	Quantity	Qualifier	Data Element Type	Value	Unit	Comment
Flow	Q	As built	To be defined	60,0	l/s	(DET is not yet in the IEC 61360DB)
Pressure head	H	As built	To be defined	15	m	(DET is not yet in the IEC 61360DB)
Mass	m	As delivered	AAE752	270	kg	
Type designation	-	As specified	AAH547	PXWH100	-	
Instance presentation	-	As built	To be defined	60 l/s; 15 m; 293 K; 18,5 kW	-	(DET is not yet in the IEC 61360DB)
Etc.						

A.2 Complementary documents

Document designation	Document number	Revision index	Language code	Document kind	Title
DA	9678 45679	-	en	Dimension drawing	Pump assembly PXWH100
DC	6CVB 98452	D1	en	Installation instruction	Pump assembly
DC	6CVB 98674	-	en	Operating instruction	Pump assembly
FS	9AXA 99880	D2	en	Circuit diagram	Pump assembly
MA	9AXA 99881	A	en	Connection table	Pump assembly

This is to be used for presentation in higher-level object lists. Cf. IEC 62027 Annex A.

Prepared date / by	Approved date / by	Plant / Project	Object	Plant owner document number	Revision index	Page
2009-12-01 AB	2009-12-10 CD	Plant Company Ltd	Pump assembly	ABCD34567	2	1/5

Released date / by	Status	Supplier	Document kind	Document designation	Supplier document number	Language	Revision index	Page
2009-12-15	As built	Pump Company Ltd	PARTS LIST	-G1&AB	6CVX12345	en	5	1/5

Etc.

A.3 Constituent objects (in accordance with the product aspect and IEC 62027 Class B)

Reference designation set	Part name; Usage	Type designation	Technical data	Mass/unit kg	Identifier Domain ID	Part number	Document ref.
-G1							
-G1	Pump	AZG250	60 l/s; 15 m; 293 K	95		685T489-56	
-M1	Induction motor	HXR 180M4	18,5 kW; 400 V; 50 Hz; 1450 1/min; 35,4 A; IP55	100	MCOMP	R31SMAOL1	
-U1	Base plate			40		6CVX3748	
-U2	Mounting plate			5		6CVX7865	
-W1	Cable (prefab)			1		6CVX 9876-1	
-X1	Coupling			9	COPLEX	8KM6543-A	
Etc.							

Released date / by	Status	Supplier	Document kind	Supplier document number	Language	Revision index	Page
2009-12-15	As built	**Pump Company Ltd**	PARTS LIST	6CVX12345	en	5	22/5

Annex B
(informative)

Example of a main document based on a list of documents, referencing data sheet, object lists, etc

This example illustrates how a main document for an object can be prepared based on a list of documents (see B.1 List of documents), referencing separate documents for characteristic properties (see B.2 Data sheet) and listing of constituent objects (see B.3 Function list, B.4 Parts list and B.5 Location list). **The object is a "top node" identified by the document number of this document** (<7ABC12345>, cf. IEC 81346-1). All reference designations used in the example are therefore referred to this top node. The example presupposes that the object can be sub-divided from three aspects; in this case the function aspect (Function list; PF), product aspect (Parts list, PB) and location aspect (Location list; PL). If only one or two aspects are used the listings of the object lists for the missing aspects are simply omitted.

B.1   List of documents

Document designation <7ABC12345>	Supplier document number	Revision index	Language code	Document kind	Title	Plant owner document number
&DA	7ABC34567	C1	en	Data sheet	Processing line	ABCD34550
&DC	7ABC34571	B2	en	Installation instruction	Processing line	ABCD34551
&DC	7ABC34572	B5	en	Operating instruction	Processing line	ABCD34552
&EC	7ABC34573	A1	en	Requirement specification	Processing line	ABCD34553
&FS	7ABC34574	C1	en	Circuit diagram	Processing line	ABCD34555
&MA	7ABC34575	B1	en	Connection list	Processing line	ABCD34556
&MB	7ABC34576	A1	en	Cable list	Processing line	ABCD34557
&PB	7ABC56789	C1	en	Parts list	Processing line	ABCD34558
&PF	7ABC56790	C1	en	Function list	Processing line	ABCD34559
&PL	7ABC56791	C1	en	Location list	Processing line	ABCD34560
&TL	7ABC56792	A2	en	Layout drawing	Processing line	ABCD34554

Prepared date / by 2009-12-01 AB	Approved date / by 2009-12-10 CD	Plant / Project Plant Company Ltd Contract 42		Object Processing line	Plant owner document number ABCD34540	Revision index 2	Page 1/3
					Document designation <7ABC12345>&AB	Revision index	Page 1/3
Released date / by 2009-12-15	Status As built	Supplier Systems Company Ltd		Document kind LIST OF DOCUMENTS	Supplier document number 7ABC12345	Language en	Revision index 5	Page 1/3

B.2 Data sheet

Characteristic property	Quantity	Qualifier	Data Element Type	Value	Unit	Comment
Production capacity		As built	To be defined	500000	m³/year	(This DET is not yet in the IEC 61360DB)
Water consumption		As required	To be defined	750000	m³/year	(This DET is not yet in the IEC 61360DB)
Peak consumption		As built	To be defined	95	l/s	(This DET is not yet in the IEC 61360DB)
Etc.						
Instance presentation	-	As built	To be defined	500000 m³/year; 95 l/s; etc..		(DET is not yet in the IEC 61360DB)

Prepared date / by 2009-12-01 AB	Approved date / by 2009-12-10 CD	Plant / Project Plant Company Ltd Contract 42	Object Processing line	Plant owner document number ABCD34550	Revision index 2	Page 1/1
				Document designation <7ABC12345>&DA	Revision index	Page 1/1
Released date / by 2009-12-15	Status As built	Supplier Systems Company Ltd	Document kind DATA SHEET	Supplier document number 7ABC34567	Language en	Revision index 5	Page 1/1

B.3 Function list

Reference designation set <7ABC12345> =	–	+	Part name; Usage	Type designation	Technical data	Mass/unit kg	Domain ID	Part number	Document ref.
=G1			Feeding-in					-	
Etc.									
=V1			Dissolving					-	
=V1=G1			Pumping					-	
=V1=G1=BF1		+C04+2	Flow meter	AFA2	100 l/s	8	BCIE	9876543-1	BCIE 3456-B
=V1=G1=BP1		+C04+2	Pressure meter	APA12	20 kPA	2	BCIE	7654989-5	BCIE 9876-D
=V1=G1=G1	-G1-G1	+C04	Pump	AZG250	60 l/s; 15 m; 293 K	95		685T489-56	
=V1=G1=K1	-K1-U1	+C08	Control unit	CON123			CONCO	98745687A	7ABC56770
=V1=G1=M1	-G1-M1	+C04	Motor	HXR 180M4	18,5 kW; 400 V; 50 Hz; 1450 1/min; 35,4 A; IP55	100	MCOMP	R31SMAOL1	
=V1=G1=Q1	-W1-U1	+C09	Motor starter		400 V; 50 A	2,5	POWCO	98745011	
=V1=G1=Q2		+C04+1	Safety switch		400 V; 50 A		POWCO	98744022-A	
=V1=G1=S1		+C04+2	Local control unit	LCG			CONCO	98745547A	7ABC89765
=V1=H1			Mixing						
Etc.									
=G2			Feeding-out						
Etc.									

Note: In this example there are no separate main documents prepared for these structural levels. This main document therefore covers three levels in this aspect. Cf. clause 5.4.

Note: Since this document has "As built" status implemented function-oriented objects have the implementation names, while the higher-level "grouping objects" without direct implementation keep their function names.

Prepared date / by 2009-12-01 AB	
Approved date / by 2009-12-10 CD	Plant / Project: Plant Company Ltd Contract 42 — Object: Processing line
Status: As built	Supplier: Systems Company Ltd — Document kind: FUNCTION LIST
Released date / by 2009-12-15	Plant owner document number ABCD34558; Document designation <7ABC12345>&PF; Supplier document number 7ABC56790; Language en; Revision index 2 / 5; Page 1/10, 11/10