



BSI Standards Publication

**Aerospace series – Quality Management Systems –
Nonconformance Data Definition and Documentation**

EUROPEAN STANDARD

EN 9131

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2020

ICS 03.100.70; 03.120.10; 49.020

Supersedes EN 9131:2016

English Version

Aerospace series - Quality Management Systems - Nonconformance Data Definition and Documentation

Série aérospatiale - Systèmes de management de la
qualité - Documentation des non-conformités

Luft- und Raumfahrt - Qualitätsmanagementsysteme -
Nichtkonformitäts-Dokumentation

This European Standard was approved by CEN on 22 December 2019.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 9131:2020) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2021, and conflicting national standards shall be withdrawn at the latest by January 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 9131:2016.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Rationale

This standard was created to provide for the uniform submittal of nonconformity information for notification and/or approval when contractually invoked at any level or as guidance within the aviation, space, and defense industry. This standard can be invoked as a stand-alone requirement or used in conjunction with 9100-series standards (i.e., EN 9100, EN 9110, EN 9120).

Foreword

To assure customer satisfaction, aviation, space, and defense organizations must provide, and continually improve, safe, reliable products and services that meet or exceed customer and applicable statutory and regulatory requirements. The globalization of the industry, and the resulting diversity of regional and national requirements and expectations, have complicated this objective. Organizations have the challenge of purchasing products and services from external providers throughout the world and at all levels of the supply chain. External providers have the challenge of delivering products and services to multiple customers having varying quality requirements and expectations.

The aviation, space, and defense industry established the International Aerospace Quality Group (IAQG) for the purpose of achieving significant improvements in quality and safety, and reductions in cost, throughout the value stream. This organization includes representation from companies in the Americas, Asia/Pacific, and Europe.

This document standardizes requirements for nonconformity data definition and documentation for the industry. The establishment of common requirements, for use at all levels of the supply-chain by organizations, should result in improved quality and safety, and decreased costs, due to the elimination or reduction of organization-unique requirements and the resultant variation inherent in these multiple expectations.

1 Scope

1.1 Application

This document defines the common nonconformity data definition and documentation that shall be exchanged between an internal/external supplier or sub-tier supplier, and the customer when informing about a nonconformity requiring formal decision. The requirements are applicable, partly or totally, when reporting a product nonconformity to the owner or operator, as user of the end item (e.g., engine, aircraft, spacecraft, helicopter), if specified by contract.

Reporting of nonconformity data, either electronically or conventionally on paper, is subject to the terms and conditions of the contract. This also includes, where applicable, data access under export control regulations.

1.2 Purpose

The process of exchanging, coordinating, and approving nonconformity data via concession or product quality escape varies with the multiple relationships and agreements among all parties concerned. The information provided by this document forms architecture for submitting and managing data that allows for concise and accurate communication using various documented methods. The main objective of this document is to provide the definition of a data set that can be integrated into any form of communication (e.g., electronic data interchange, submission of conventional paper forms).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 9000:2015, *Quality management systems — Fundamentals and vocabulary*

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defence Organizations*¹

EN 9110, *Quality Management Systems — Requirements for Aviation Maintenance Organizations*¹

EN 9120, *Quality Management Systems — Requirements for Aviation, Space and Defence Distributors*¹

IAQG Supply Chain Management Handbook (SCMH) — <http://www.sae.org/iaqg/>

¹ As developed under the auspice of the IAQG and published by various standards bodies [e.g., AeroSpace and Defense Industries Association – Standardization (ASD-STAN), SAE International, European Committee for Standardization (CEN), Japanese Standards Association (JSA)/Society of Japanese Aerospace Companies (SJAC), Brazilian Association for Technical Norms (ABNT)].

3 Terms and definitions

Definitions for general terms can be found in EN ISO 9000 and the IAQG International Dictionary (located on the IAQG website).

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

customer

recipient of a product provided by an internal/external supplier or sub-tier supplier

3.2

mandatory data

common and transferable data systematically filled in and provided; if printed, this field shall be included on the printed form

3.3

optional data

all data fields that are not defined as mandatory by this standard; these fields may be requested by a customer or needed by the originator for their own purposes

3.4

product

output of an organization that can be produced without any transaction taking place between the organization and the customer

Note 1 to entry: Production of a product is achieved without any transaction necessarily taking place between provider and customer, but can often involve this service element upon its delivery to the customer.

Note 2 to entry: The dominant element of a product is that it is generally tangible.

Note 3 to entry: Hardware is tangible and its amount is a countable characteristic (e.g. tyres). Processed materials are tangible and their amount is a continuous characteristic (e.g. fuel and soft drinks). Hardware and processed materials are often referred to as goods. Software consists of information regardless of delivery medium (e.g. computer programme, mobile phone app, instruction manual, dictionary content, musical composition copyright, driver's license).

EXAMPLE vehicle, engine, equipment, component, deliverable software, or parts and materials thereof

[SOURCE: EN ISO 9000:2015, 3.7.6 – modified: numbering in brackets removed, example added]

3.5

product quality escape

any product released by an internal/external supplier or sub-tier supplier, that is subsequently determined to have one or more nonconformities to contract and/or product specification requirements, that have not been positively dispositioned prior to delivery

3.6

concession

documented authorization from the customer to the internal/external supplier to use or release a product which does not conform to the specified requirements

Note 1 to entry: Concession and product quality escape differ with respect to the point in time when a nonconformity is detected during the product life cycle. Concession is evident before delivery to the customer, while a product quality escape is identified after delivery to the customer.

4 Requirements

4.1 Data related to the description of a nonconformity (i.e., content, format, size) shall be in accordance with the complete set defined in Annex A and the contractual requirements.

- a) Mandatory data fields, identified in bold text and marked with an asterisk(*) shall be systematically recorded and reported to the customer.
- b) Optional data fields shall be recorded, when required, provided that it is not in contradiction with contractual requirements.

NOTE 1 Any data field, whether mandatory or optional data, recorded and reported to the customer that is not applicable shall have N/A entered in the field, prior to final approval/signature.

NOTE 2 Customers may require different optional data fields be recorded and reported. It is therefore recommended that the Information Technology System be capable of defining optional data fields and/or inactivating data fields based on each customer's recording/reporting requirements. This includes the capability of the Information Technology System to process with data types and data sizes specified in this standard.

NOTE 3 While this standard provides requirements that cover the development of forms or electronic systems, exceptions for use of the form or system are allowed as permitted by the customer. For example, where a process batch containing multiple part numbers is to be dispositioned together, the first part number and associated fields would be on the form and additional part numbers and those fields could be on an attachment (see 4.3).

4.2 The entities responsible for entering and approving/acknowledging nonconformity data (in particular disposition, category/classification of the nonconformity, and associated limitations) shall respond in accordance with the terms and conditions of the contractual or regulatory requirements.

4.3 Attached files should be in a protected format (e.g., pdf, tif, jpg), whenever possible. Where this is not practical, appropriate precautions shall be taken to prevent inadvertent changes to the attachments.

4.4 Where file sizes are constrained, a file size optimization tool should be used. If file compression is not capable of meeting file size constraints, the data exchange shall be agreed upon between both parties (e.g., via compact disk, USB flash drive, e-mail correspondence, direct access to data system).

4.5 When the description of a nonconformity is not required in an electronic format and/or is required as a printout, it shall be in a format similar to the example depicted in Annex B; however, the size and order of the fields may be changed to suit the individual application provided that

- a) the contents of the boxes specified in this standard are maintained; alternatively a cross reference can be used,
- b) the form is identified as a nonconformity record and
- c) it complies with contractual/regulatory requirements.

4.6 When required, continuation/additional sheets and attachments shall include the same reference number as the original document.

NOTE Reference Annex A, the data fields 'Nonconformity Description' (see No. 19) and 'Disposition' (see No. 25) may be presented either as a summary or in a clearly defined sub-structure (see No. 19 a-i and No. 25 a-e).

4.7 The forms may be pre-printed, computer generated, or accessed via a net-based system (intranet/internet), but in all cases, the printing of lines and characters shall be clear and legible. The details entered on the forms shall preferably be machine/computer printed, but may be handwritten as long as upper case letters are used and the document remains legible.

NOTE The use of abbreviations should be kept at a minimum.

4.8 The information shall be in English, but other languages may be acceptable (e.g., bilingual: English and native) when specified in the contract.

NOTE The use of abbreviations should be kept to a minimum.

5 Code catalog

The following codes are recommended for codifying affected processes, causes of process deviations, and corrections made to remedy the nonconformity. If codes are defined by a contract and/or the originators already have codes defined that satisfy their needs, these codes shall take precedence over those proposed in the following sections.

NOTE The following codes represent a minimum selection of possible variances. In case of needing additional code definitions (e.g., software, electronic, composites, structures), the tables can be enhanced by using the existing structure.

5.1 Nonconformity process codes

A product nonconformity is typically associated with a process deviation. See Table 1 for a list of codes.

5.2 Nonconformity cause codes

The causes of process deviations are defined in Table 2. The categorization of the list is set up to facilitate the use of process improvement tools (e.g., cause and effect diagram). The 'Main Term' code can be used as the cause code, if appropriate, or further definition may be provided.

NOTE 1 One or more cause codes may be used to define the cause(s) for a product nonconformity.

NOTE 2 The allocation of a cause code could be either apparent (preliminary/initial) or final, depending on the status of root cause analysis. For further support, see EN 9136 and the SCM^H ("Root Cause Analysis and Problem Solving" chapter).

5.3 Nonconformity Corrective Action Codes

Common corrective action codes are defined in Table 3; intended to correspond directly to the cause codes identified in Table 2, as appropriate.

NOTE One or more corrective action codes may be used to define the corrective action(s) taken for a product nonconformity/cause code.

Table 1 — Nonconformity Process Codes

Main term	Process Code	Definition/description
P1 – Shipping and Transportation	P11	Shipping
	P12	Transportation
	P13	Order Preparation
	P14	Preparation of Packaging
	P15	Packaging
P2 – Manufacturing	P201	Assembly
	P202	Test
	P203	Balancing
	P204	Benching
	P205	Blasting
	P206	Bonding
	P207	Brazing
	P208	Broaching
	P209	Casting
	P210	Cleaning
	P211	Coating
	P212	Composite Manufacturing
	P213	Crimping
	P214	Deburring
	P215	Drilling
	P216	Electrochemical Processing
	P217	Etching
	P218	Forging
	P219	Forming
	P220	Grinding
	P221	Heat Treatment
	P222	Precision Hole Making
P223	Honing and Lapping	
P224	Hot Isostatic Pressing	
P225	Inspection	
P226	Machining	
P227	Marking	

Main term	Process Code	Definition/description
	P228	Melting
	P229	Milling
	P230	Molding
	P231	Painting
	P232	Peening
	P233	Plating
	P234	Polishing
	P235	Riveting
	P236	Rolling / Pressing
	P237	Soldering
	P238	Stamping
	P239	Surface Treatment
	P240	Turning
	P241	Welding
P242	Additive Manufacturing	
P3 – Document Preparation	P31	Documentation Error
	P32	Incomplete

Table 2 — Nonconformity Cause Codes

Main term	Cause Code	Definition/description
C1 – Machine (Machine and Equipment)	C11	Machine or equipment related
	C12	Fixture related
	C13	Tool related
C2 – Management (Quality Management System, Planning, Education/Training)	C21	Training was insufficient or inadequate
	C22	Responsibilities not defined or not understood
	C23	Resources competencies were inadequate
	C24	Communication issues (e.g., shift hand over between operators)
	C25	Planning and controls were insufficient
	C26	Instructions or requirements were insufficient or inadequate

Main term	Cause Code	Definition/description
C3 – People (Employees)	C31	Instruction or requirements were not followed
	C32	Wrong decision was made
	C33	A reading error was made
	C34	Material handling error
	C35	Known defect or issue not reported or inadequately reported
C4 – Material (Material/Product Conditions)	C41	Material did not comply with specification
	C42	Material shelf life expired
	C43	Contamination of product or raw material
C5 – Method (Method and Processes)	C51	Validation of process was insufficient
	C52	Manufacturing process capability was insufficient or inadequate
	C53	Packaging, labelling, or identification of material was inadequate
	C54	Design process was inadequate (e.g., design standards)
	C55	Procedure/work instruction is not clear; contains errors or is missing
C6 – Environment (Temperature, Electricity, External Influence)	C61	Natural disaster (e.g., earthquake, flood)
	C62	Information technology system failure
	C63	Fire or power outage
	C64	Unpredictable event (e.g., theft, sabotage)
	C65	Environmental conditions were inadequate (e.g., climate)
	C66	Lighting conditions were inadequate
	C67	Ergonomic conditions were poor (e.g., unsuitable equipment set-up)
C7 – Measurement (Equipment and Control of Parameters)	C71	Inspection tool inadequate (e.g., insufficient accuracy)
	C72	Uncalibrated inspection tool used
	C73	Calibration error
	C74	Instruments, displays, or controls were inadequate
	C75	Transcription error while recording result
	C76	Verification method (i.e., inspection, sampling) was inadequate
	C77	Inspection criteria was inappropriate or unclear

Table 3 — Nonconformity Corrective Action Codes

Main term	Corrective Action Code	Definition/description
A1 – Machine	A11	Machine or equipment corrected
	A12	Fixture corrected
	A13	Tool corrected
A2 – Management	A21	Training provided
	A22	Responsibilities defined and communicated
	A23	Appropriate resources provided
	A24	Communication improved
	A25	Planning and controls improved
	A26	Instructions and requirements corrected
A3 – People	A31	Training performed
	A32	Instructions or requirements updated and highlighted to staff
	A33	Handling process and instructions improved
	A34	No action
A4 – Material	A41	Material ordering process and rules reviewed
	A42	Life limited product related processes and rules updated/applied
A5 – Method	A51	Process validation improved
	A52	Process capability reviewed and improvement implemented
	A53	Packing labelling and identification process and rules corrected
	A54	Design process improved
	A55	Procedure/work instruction corrected or newly issued
A6 – Environment	A61	No action
	A62	Information technology system improved
	A63	Environmental conditions improved
	A64	Lighting improved
	A65	Ergonomic conditions improved
A7 – Measurement	A71	Inspection tool corrected
	A72	Inspection tool calibrated
	A73	Instruments, displays, and controls corrected
	A74	Verification methods improved
	A75	Inspection criteria and process corrected

Prepared by the international Aerospace Quality group (IAQG).

Annex A
(informative)

List of nonconformity documentation data (mandatory data fields bolded with *)

No.	Data Field Title	Description	Data	Data Type	Data Size (in digits)	Comments
DOCUMENT IDENTIFICATION						
1	Document Ref. No. *	Unique reference number assigned by the originator	Numerals/letters	Alpha-numeric	4 minimum 20 maximum	In accordance with contractual requirements
2	Customer Ref. No.	Customer or Partner specific number	Numerals/letters	Alpha-numeric	4 minimum 20 maximum	Identify, if different from field number 1
3	Customer's Company	Identification of customer	Customer code	Alpha-numeric	50 maximum	Name or code number
4	Revision/Issue *	Document issue or level of document revision	Numerals/letters	Alpha-numeric	1 minimum 10 maximum	First issue can be “_” (contracted with Customer)
5	Page of Pages *	Sheet number and total number of sheets (paper form)	Number of line items	Numeric	1 minimum 6 maximum	Pagination for printouts
IDENTIFICATION OF PRODUCT AFFECTED						
6	Program	Name/title of program, project, or model	Numerals/letters	Alpha-numeric	50 maximum	
7	Part No. *	Lowest level part number containing the nonconformity	Number identified in the drawing or contract	Alpha-numeric	1 minimum 25 maximum	If known by supplier. Only one part number allowed.
7a	Other Part No.	Lowest level part number containing the nonconformity	Part number or code assigned by the customer or supplier	Alpha-numeric	1 minimum 25 maximum	If different from field number 9 and according to contract requirements
8	Part Name *	Part/product description	Nomenclature	Alpha-numeric	2 minimum 50 maximum	

No.	Data Field Title	Description	Data	Data Type	Data Size (in digits)	Comments
9	S/N or ID No. *	Part serial number, batch number, lot number, identification number	Numerals/letters	Alpha-numeric	1 minimum 25 maximum	If multiple units of the same part number are affected, all unique numbers shall be listed
10	NC Qty. *	Quantity of affected parts	Number of non-conforming parts	Numeric	1 minimum 10 maximum	
11	Order Qty.	Total quantity of ordered parts	Number of total order	Numeric	1 minimum 10 maximum	Actual order or lot size
12	Work/Purchase/Order No.	Internal order number	Number on order	Alpha-numeric	2 minimum 15 maximum	
13	Dwg. No./Issue	Drawing number and issue	Supplier Code	Alpha-numeric	2 minimum 50 maximum	
14	LRU or Sub-assembly Name/Ref.	Lowest Line Replaceable Unit (LRU) or sub-assembly containing the nonconforming part	Number or name	Alpha-numeric	50 maximum	
15	LRU or Sub-assembly S/N	Lowest LRU or sub-assembly serial number	Customer Code	Alpha-numeric	1 minimum 50 maximum	
16	Final Product Manufacturer S/N	Highest assembly part S/N (e.g., engine, aircraft, spacecraft)	Numerals/letters	Alpha-numeric	1 minimum 25 maximum	
17	Product Category	Product engineering classification (production, development/test)	Numerals/letters	Alpha-numeric	1 minimum 8 maximum	In accordance with contractual requirements
18	ATA Chapter	Air Transport Association (ATA) chapter for equipment	Numerals/letters	Alpha-numeric	1 minimum 8 maximum	In accordance with contractual requirements
DESCRIPTION OF NONCONFORMITY ... All nonconformities (on one or several parts of the same part number) shall be described as a separate line item.						
19	Nonconformity Description *	Text description (e.g., attribute characteristics)	Numerals/letters	Alpha-numeric	4 000 maximum	Additional information not contained in other data boxes below
19a	Document Reference	Reference to number/title of drawing, specification, process sheet, etc.	Numerals/letters	Alpha-numeric	2 minimum 25 maximum	Requirements
19b	Index	Applicable document revision, in accordance with contract	Numerals/letters	Alpha-numeric	1 minimum 3 maximum	

No.	Data Field Title	Description	Data	Data Type	Data Size (in digits)	Comments
19c	Previous Dispositions	Reference to previous dispositions (concessions) for the same part number	Numerals/letters	Alpha-numeric	1 minimum 15 maximum	Recurrence of nonconformity; previous cases of the same condition affecting other parts
19d	Zone	Sheet/zone of drawing or specification chapter	Numerals/letters	Alpha-numeric	1 minimum 4 maximum	
19e	KC	Key product or process characteristic	Numerals/letters	Alpha-numeric	1 minimum 8 maximum	If defined on the customer design/drawing
19f	Char. Item No.	Item number on drawing	Numerals/letters	Alpha-numeric	1 minimum 5 maximum	As identified on the drawing by balloon or item number
19g	Specified Requirement	Required dimension, including tolerance	Numerals/letters	Alpha-numeric	1 minimum 22 maximum	
19h	Actual Condition	Dimension plus unit	Numerals/letters	Alpha-numeric	2 minimum 22 maximum	
19i	Over Max. / Under Min.	Value in relation to the specified value	Numerals/letters	Alpha-numeric	2 minimum 10 maximum	
20	Attachment	Yes/No or number of pages/files (e.g., sketch, calculation note)	Numerals/letters	Alpha-numeric	2 minimum 20 maximum	Requirements defined in Clause 4 of standard
21	Process Code	Reference to applicable codes	Numerals/letters	Alpha-numeric	2 minimum 20 maximum	See Table 1, "Nonconformity Process Codes"
22	Supplier Remarks	Description of the recommended disposition, nonconformity category, proposed rework solution, etc.; provided by supplier	Numerals/letters	Alpha-numeric	2 000 maximum	
DESCRIPTION OF CAUSE/CORRECTIVE ACTION						
23	Cause Code	Cause code or information about cause of nonconformity	Numerals/letters	Alpha-numeric	2 minimum 20 maximum	See Table 2, "Nonconformity Cause Codes"
24	Corr. Action Code	Immediate and/or long-term corrective action, or log number that references corrective action form	Numerals/letters	Alpha-numeric	2 minimum 20 maximum	See Table 3, "Nonconformity Corrective Action Codes"

No.	Data Field Title	Description	Data	Data Type	Data Size (in digits)	Comments
DISPOSITION OF NONCONFORMITY ... Each nonconformity identified shall be dispositioned.						
25	Disposition *	Decision by material review board, design office, quality department, etc.	Numerals/letters	Alpha-numeric	2 000 maximum	For each nonconformity per affected part (e.g., several S/Ns affected)
25a	NC Category	Classification of the nonconformity (e.g., major/minor, I/II/III)	Numerals/letters	Alpha-numeric	1 minimum 8 maximum	Classification of each non-conformity or complete data set
25b	Limitation	Yes or None (check box)	Numerals/letters	Alpha	1 minimum 3 maximum	
25c	Limitation Description	Description of limitation imposed on part	Numerals/letters	Alpha-numeric	400 maximum	For example: limited flight hours or use limitations
25d	Part Marking	Number or code to be marked on the part	Numerals/letters	Alpha-numeric	1 minimum 10 maximum	
25e	Additional Comments	Explanation, technical background, indication of concession (recordable or not), details of actions, etc.	Numerals/letters	Alpha-numeric	2 000 maximum	
APPROVAL AND ACKNOWLEDGEMENT ... Typically includes signatures of the originator, design/quality personnel approving the disposition, including customer approval/acknowledgement [e.g., government agency, National Aviation Authority (NAA)].						
26	Originator *	Initiator of the document	Numerals/letters	Alpha-numeric	30 maximum	Can be combined with 26a, 26b, 26c, and 26d. In paper form only this block is applicable.
26a	Originator's Company Name *	Identification of originator's company name (name or code number as contracted)	Prime Supplier Code	Alpha-numeric	50 maximum	Information technology specific
26b	Function or Dept. *	Originator's function or department	Numerals/letters	Alpha-numeric	1 minimum 10 maximum	Information technology specific
26c	Date *	Date of request	Numerals/letters	Date	6 minimum 10 maximum	Information technology specific
26d	Sign.	Signature of the originator	Digital signature; password may be required	Alpha-numeric	1 minimum 20 maximum	Information technology specific
27	Technical Approval	Engineer that provided "Disposition" authorized or responsible experts (e.g., design authority); multiple signatures possible (see No. 25)	Numerals/letters	Alpha-numeric	30 maximum	Can be combined with 27a, 27b, and 27c. In paper form only this block is applicable.

No.	Data Field Title	Description	Data	Data Type	Data Size (in digits)	Comments
27a	Name, Function, or Dept.	Identify name, function, or department	Numerals/letters	Alpha-numeric	1 minimum 10 maximum	Information technology specific
27b	Date	Date of approval	Numerals/letters	Date	6 minimum 10 maximum	Information technology specific
27c	Sign.	Signature of expert	Digital signature; password may be required	Alpha-numeric	1 minimum 20 maximum	Information technology specific
28	Customer *	Name of the final approver of the nonconformity in customer organization	Numerals/letters	Alpha-numeric	30 maximum	Can be combined with 28a, 28b, and 28c. In paper form only this block is applicable.
28a	Function or Dept *	Function or department of final approver	Numerals/letters	Alpha-numeric	1 minimum 10 maximum	Information technology specific
28b	Date *	Date of approval	Numerals/letters	Date	6 minimum 10 maximum	Information technology specific
28c	Sign. *	Signature of the customer approver	Digital signature; password may be required	Alpha-numeric	1 minimum 20 maximum	Information technology specific
ADDITIONAL INFORMATION ... Only applicable to product quality escapes.						
29	Notification to Regulatory Agency(ies)	Regulatory agency(ies) notified of product quality escapes	Numerals/letters	Alpha-numeric	100 maximum	
30	Availability of Replacement Parts	Date when parts are available	Numerals/letters	Date	6 minimum 10 maximum	
31	Availability of Personnel to Perform Work	Date when personnel are available	Numerals/letters	Date	6 minimum 10 maximum	
32	In-service Unit(s) Affected	Yes or No (check box)	Numerals/letters	Alpha	200 maximum	Include unit numbers
DISTRIBUTION LIST						
33	Distribution	Actual distribution as per approver/customer instructions	Numerals/letters	Alpha-numeric	1 minimum 100 maximum	
34	Date	Form date	Numerals/letters	Date	6 minimum 10 maximum	Revision control of the form

Annex B (informative)

Nonconformity form (layout example)

Corporate Logo (optional)		1 Document Ref. No. *	2 Customer Ref. No.	3 Customer's Company		4 Revision/Issue *	5 Page of Pages *
6 Program		7 Part No. *		7a Other Part No.	8 Part Name *		
10 NC Qty. *	11 Order Qty.	12 Work/Purchase/Order No.	13 Dwg. No./Issue	14 LRU or Sub-assembly Name/Ref. S/N	15 LRU or Sub-assembly S/N	16 Final Product Manufacturer S/N	17 Product Category
19 Nonconformity Description*				19a Document Reference		19b Index	19c Previous Dispositions
19d Zone	19e KC	19f Char. Item No.	19g Specified Requirement		19h Actual Condition		
21 Process Code		22 Supplier Remarks		23 Cause Code		24 Corr. Action Code	
25 Disposition *							
25a NC Category		25b Limitation Yes <input type="checkbox"/> None <input type="checkbox"/>		25c Limitation Description		25d Parts Marking	
25e Additional Comments							
26 Originator *		27 Technical Approval		29 Notification of Regulatory Agency(ies)			
Name/Function or Dept./Date/Sign.*		Name/Function or Dept./Date/Sign.		Name/Function or Dept./Date/Sign.		30 Availability of Replacement Parts	
28 Customer *		Name/Function or Dept./Date/Sign.		Name/Function or Dept./Date/Sign.		31 Availability of Personnel to Perform Work	
Name/Function or Dept./Date/Sign.*		Name/Function or Dept./Date/Sign.		Name/Function or Dept./Date/Sign.		32 In-service Unit(s) affected Yes <input type="checkbox"/> No <input type="checkbox"/> Unit Number(s)	
33 Distribution							
34 Date							

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389 Chiswick High Road London W4 4AL UK