Dangerous Goods AutoCheck



DGD forms that are not compatible with DG AutoCheck



Introduction

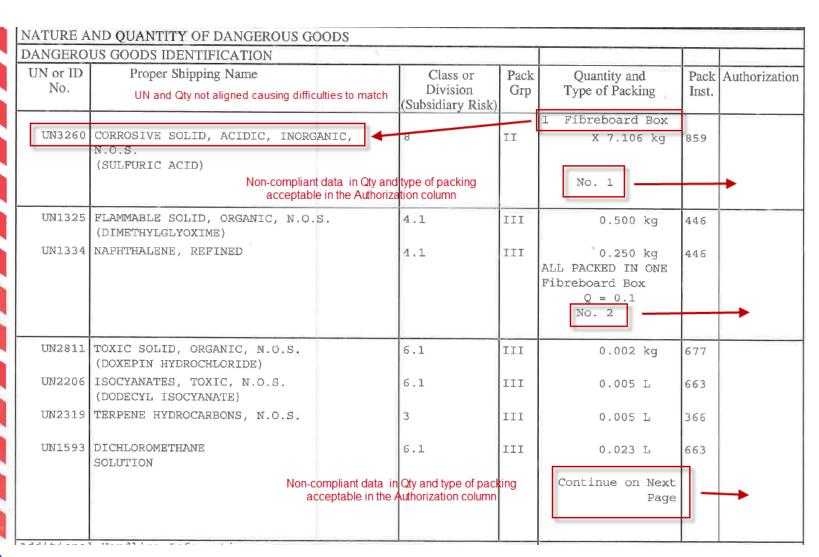
This document is a set of examples of shipper's declarations for dangerous goods that DG AutoCheck is unable to read correctly. The system uses an OCR (Optical Character Recognition) to transform text into data, its success depends on the quality of the DGD scans.

Each example explains why it will not work, and if possible, recommends a solution.

DG AutoCheck supports forms that follow the IATA recommended formats: https://www.iata.org/whatwedo/cargo/dgr/Pages/shippers-declaration.aspx



Non-compliant data in DG identification



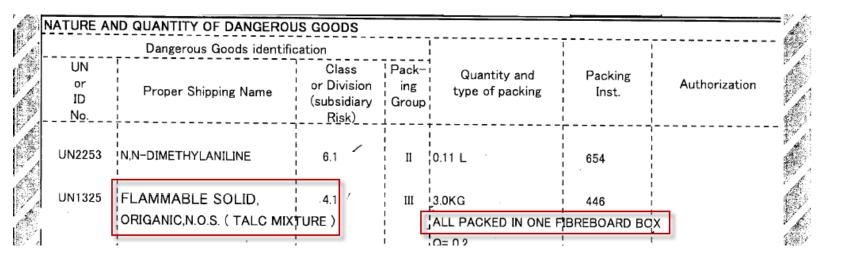
Non-compliant notes are printed in the "Quantity and Type of Packing" column.

Contact the shipper to move the non-compliant data to the "Authorization" column.

Additionally, the "Quantity and Type of Packing" should face the corresponding UN number to avoid ambiguity. (e.g. UN3260 & 1 Fibreboard Box)



DG identification not following form boundaries



"Proper Shipping Name" and "Quantity and type of packing" data go beyond their columns. This is not compliant with the regulations.

Contact the shipper to instruct them to follow the column boundaries.



Unreadable data

	AND QUANTITY OF DANG				
UN ar ID No	Proper Shipping Name	Class or Division (Subsidiary Risk)	Packing Group	Quantity and type of packing	Packing Inst
UN 32/2	Esters, n.o.s. (Ethyl hexanoate)	3	H	1 plastic drum x 100 L. OVERPACK USED	366

Parts of the DG identification are missing or are covered by ink making them unreadable by the OCR.

A better copy of the DGD should be used. It is recommended to scan original DGDs.

Ļ	UN2923.	CORROSIVE SOLID, TOXIC, N.O.S. (LITHIUM SULFIDE)	8.(6.1)	II.	(# X (#)	0015	kg	863	
	UN3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ETHOXYLATED POLYETHYLENIMINE IN WATER)	8	III		0.276	L	856	
	UN2270	ETHYLAMINE, AQUEOUS SOLUTION	3 (8)	II		0.500	L	363	
-2		CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8-1-12-12-14-14-14-14-1	III		2.000	L	856-	22 /



Handwritten notes

UN 3316 CHEMICAL KIT	9	II	1 Fibreboard box x 0.72 kg√	960
UN 3316 CHEMICAL KIT	9	II	1 Fibreboard box x 2.28 kg √	960
UN 3316 CHEMICAL KIT	9	IJ	1 Fibreboard box x 2.64 kg √	960
UN 3316 CHEMICAL KIT	9	II	1 Fibreboard box x 2.16 kg √	960
UN 3316 CHEMICAL KIT	9	II	1 Fibreboard box x 1.92 kg √	960

Notes have been written on the DG identification.

Use the original DGD with no handwritten notes added by users.

This marks will be read as random data by the OCR.



Quality of the scan is too low

	Dangerous Goods Id					
UN or ID No.	Proper Shipping Name	Class or Division (subsidiary hazard)	Packing Group	Quantity and Type of Packing	Packing Inst	Authorization
JN 3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT	9		1 Fibreboard box x 6.96 kg	970	
JN 3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT	9		1 Fibreboard box x 12.87 kg Overpack used	970	

The printing of the DG identification will be difficult to read by the OCR.

Scan the original document with a resolution of 300 or 400dpi.

Avoid scanning Xerox copies of the DGDs.

UN 3091 LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT



Scanner has defects

This shipment is within the Airport of Departure: the applicable law, subject to legal penalties. limitations prescribed for: (delete non-applicable) Munich PASSENGER AND CARGO AIRCRAFT AIRCRAFT Shipment type: (delete non-applicable) Airport of Destination: Rio de Janeiro NON-RADIOACTIVE PARKANTAVE NATURE AND QUANTITY OF DANGEROUS GOODS Dangerous Goods Identification Quantity and Packing Authorization UN Class or Packtype of packing Inst. Division or ing Proper Shipping Name ID (Subsidiary Group Risk) UN1993 Flammable liquid, n.o.s. 2.00 L 355 (contains Acetonitrile) UN1824 Sodium hydroxide solution 2.00 L 852 UN1789 Hydrochloric acid solution 0.04 L 852 All packed in one Fibreboard box x 5 Q = 0.5

Due to the vertical lines left by the scanner, the OCR won't be able to read the data properly.

Use a different scanner.



Unreadable DG identification headers

UN or ID No	Proper Shipping Name		Packing Group		Packing Inst.	Authorization
	ACETAL, 4-THIAPENTANAL	6.1	ш	1 STEEL DRUM X 10L (OVERPACK USED) OVERPACK ID#A1 TOTAL NET QTY PER OVERPACK USED 10L 1 ALUMINIUM DRUM X 1L (OVERPACK USED X 2) OVERPACK ID#B1-B2 TOTAL NET QTY PER OVERPACK USED 1L	364 663	

DG AutoCheck uses the DG identification headers to locate the data. Printing a dark background makes it almost impossible for the OCR to read them.

Contact the shipper to follow the examples of the DGR (e.g. 8.1.B)

Damaged DGD copies should be avoided too.

NAT	NATURE AND QUANTITY OF DANGEROUS GOODS									
	Dangerous Goods Identification									
ID No.	гторы эшрринд тчаше	Class (Subsidiary Pisk)	Pack- ing Group	Quantity and	Packing Inct	Authorization				
UN2289	ISOPHORONEDIAMINE	8	111	1 Fiberboard box x 250ml	852					



Bilingual DG identification headers

DG AutoCheck uses the DG identification headers to locate the data. Additional language text makes it impossible for the OCR to read them.

Contact the shipper to follow the examples of the DGR (e.g. 8.1.B)

