



香港特別行政區政府

民航處

Civil Aviation Department

The Government of the Hong Kong Special Administrative Region

Dangerous Goods Advisory Circular DGAC 3/2025

Reminder on the Magnetized Material (UN 2807)

To ensure aviation safety, the Civil Aviation Department (CAD) hereby reminds the industry that Magnetized material (UN 2807) is classified as a Class 9 dangerous goods (DG) according to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (“TI”) published by the International Civil Aviation Organization. Magnetized Material (UN 2807) is restricted for carriage by air because it can endanger flight safety by affecting the direct-reading magnetic compasses and the master compass detector unit onboard aircraft. The industry must strictly declare and handle such items in accordance with the relevant regulations.

2. To illustrate the severity of the consequence of incompliance to the regulations, a serious incident occurred in the past involving undeclared magnetized material is recapped. In that case, a consignment declared as “Metal Parts (Not Restricted)” was being handled at a local cargo terminal. During build-up, the carton of the consignment which weighed over 10 kg was found to be able to attach itself onto the metallic road barrier solely by magnetic force. While opening the suspected package for inspection, the thumb of a staff was seriously injured when two blocks of the “Metal Parts” were drawn together by magnetic force. The staff was hospitalized for emergency surgery. Subsequent investigation revealed that the items found in the consignment were extremely powerful magnets. The freight forwarder responsible for the consignment was later convicted of three charges in relation to consigning DG for carriage by air without complying with the TI.

3. Apart from jeopardizing aviation safety, it is clear that staff in the air cargo industry may also be exposed to potential hazard of injury if consignments of magnetized material are undeclared, especially without proper packing. While CAD continues urging the industry to remain vigilant regarding undeclared DG, the industry is also reminded to exercise extra caution when handling suspicious metal parts or consignments of magnetized material.

Contravention of Dangerous Goods (Consignment by Air) (Safety) Regulations

4. The consignment of undeclared or mis-declared DG constitutes a contravention of Cap. 384A of the Laws of Hong Kong, and the shipper and/or freight forwarder involved are liable for prosecution. On conviction, the shipper and/or the freight forwarder may be subject to a fine of \$250,000 and imprisonment for up to 2 years.

5. Shippers and freight forwarders involved in DG occurrences may also be subject to increased regulatory scrutiny and additional inspection requirements imposed by the CAD. A corrective action plan must be submitted to demonstrate the actions taken, along with relevant supporting evidence, to prevent recurrence to the satisfaction of the CAD.

6. Should there be any queries regarding this circular, please contact the Dangerous Goods Office at 2910 6856 or 2910 6857.

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An electronic version of this circular can be downloaded at
<http://www.cad.gov.hk/english/DGAC.html>