



Airborne Labs International

22C World's Fair Drive Somerset, NJ 08873 +1-732-302-1950
Sales@airbornelabs.com www.airbornelabs.com

Airborne No-Haz Kit – IATA Regulations

IATA Verification Guideline: Airborne Labs International "No-Haz" Kit

Objective: Verify that the Carbon Dioxide sample in this kit is **NOT** Restricted/Hazardous.

Dear Hazmat Inspector, here are the steps per IATA that show this Airborne Labs International sampling kit is to be considered General Cargo and not hazardous:

Step 1: Identify the Substance

- **Substance:** Carbon Dioxide
- **UN Number:** UN 1013
- **Class:** 2.2 (Non-flammable, non-toxic gas)
- **Packing Group:** N/A (Class 2 gases are not assigned Packing Groups in IATA DGR).

Step 2: Locate the Classification Section

- **Action:** Open the IATA DGR Manual to **Section 3 (Classification)**.
- **Target Subsection:** Navigate specifically to **Section 3.2.2 (Division 2.2 - Non-flammable, non-toxic gases)**.

Step 3: Verify the "Not Subject to Regulations" Clause

- **Action:** Find the paragraph detailing gases that are **exempt** from the regulations based on pressure.
- **Reference:** **Section 3.2.2.4.1**
- **What it says:** This section declares that gases are **not subject to the DGR** if they are transported at a pressure of less than **200 kPa gauge pressure (29 psig)** at 20°C.

Step 4: Compare Pressures (The "No-Haz" Verification)

- **IATA Limit:** 29 psig (200 kPa)
- **Airborne Labs Kit Limit:** 25 psig (Regulated by integrated check valve)
- **Result:** Since **25 psig < 29 psig**, the contents **do not meet the definition of a Dangerous Good** under Section 3.2.2.4.1.

Step 5: Review Packing Instruction & Exceptions

- **Packing Instruction:** Normally **PI 200** for regulated UN 1013.
- **Exception Applied:** Because the pressure is below the threshold in Step 3, **PI 200 does not apply**.

The package is treated as **General Cargo**.

Reference Documentation also confirming that this is General Cargo

- **US DOT / PHMSA Letter 23-0096** Confirms kit is "not regulated" as Class 2.2
- **FedEx Dangerous Goods Approval 454165543-022026** Explicitly states "should NOT be rejected."