



In a video posted by SG Road Vigilante, a white lorry can be seen lying on its side, with several cylinders emitting white smoke. PHOTO: SG ROAD VIGILANTE - SGRV/FACEBOOK

Carbon dioxide released after lorry overturns near Pandan Reservoir; no one injured

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SINGAPORE – Carbon dioxide was released from gas cylinders after a lorry overturned near Pandan Reservoir on the morning of June 28.

A video posted by SG Road Vigilante on YouTube showed a white lorry lying on its side, with more than 10 red cylinders nearby. Several cylinders were emitting white smoke.

In response to queries, the Singapore Civil Defence Force (SCDF) said it was alerted to an accident near the junction of Pandan Gardens and Jurong Town Hall Road at about 9.45am.

SCDF said carbon dioxide was leaking from several compressed gas cylinders when its officers arrived at the scene.

As a precaution, its officers dispersed the gas with a water jet.

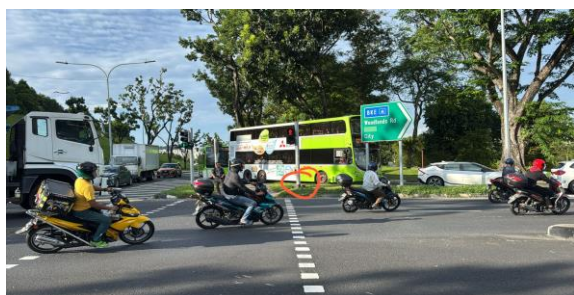
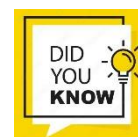
There were no reported injuries, the agency added.

[Reference: <https://www.straitstimes.com/singapore/carbon-dioxide-released-after-lorry-overturns-in-jurong-east-no-one-injured>]

Takeaway: *“Have you check your cylinders and loads are properly secured and centre of gravity respected before transport?”; “Have you check all cylinders’ cap are properly secured onto all cylinder neck?”*

Food for thought:

- A) Uncontrolled release of high pressure fire suppression cylinder capable of violent discharge
- B) Fire Protection System Equipment such as CO2 cylinders is sharing the same body colour as H2 cylinders
- C) Always refer to GHS label, UN number, UL label to understand the different properties and hazard class of the gas handled
- D) Refer to AIGA vertical cylinder handling and transportation for guidance on load distribution and securing
- E) Stay away from the package when it is discharging uncontrollably until it is stopped



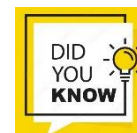
Acetylene Cylinder Found Lying on Public Road – 4th July 2024



Takeaway: *“Have you check your cylinders are properly secured before transport?”; “How do we know what is the hazard of the suspicious package and corresponding response plan, if in doubt?”*

Food for thought:

- I) Acetylene Gas is extremely flammable with low ignition energy, thus keep away from any ignition sources and static charges
- II) Always refer to SDS and GHS label for related hazard info and [cylinder owners’ contact](#) to recover the cylinder
- III) When in doubt, call 995 for assistance.



[Reference: Social Media]

Safety is Everybody’s Responsibility!

An initiative from IGAS Technical Committee

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