



SAFETY BULLETIN

25-002

June 6, 2025

TO: All Personnel

FROM: BC Fossum

SUBJECT: Live Fire Possible Failure of MSA Regulator

During live fire training on June 6, 2025, there was a possible regulator failure and a dangerous situation that could have been much worse than it was. In the investigation, it was identified that there was a portion of the regulator that was damaged, and there are some things to look for while doing morning checks, as well as best practices when entering an Immediately Dangerous to Life or Health (IDLH) environment.

During the live fire training on 6/6/2025, the first arriving unit was split, with the officer taking the role of Incident Commander (IC), the engineer staying with the engine, and the Charlie/Delta Firefighters being assigned initial attack. As they flaked out hose and prepared to make entry, they were assigned to fire attack in the Basement Division. They went on air and started moving the nozzle and the hose down the stairs towards the seat of the fire. As they were working their way towards the basement, one of the firefighter's regulator became detached from their mask and he inhaled heated smoke. He attempted to resecure the regulator, but was unsuccessful. He and his partner subsequently exited the burn prop and the firefighter was evaluated for the exposure.

Following the incident, an inspection the firefighter's SCBA and regulator revealed that one of the plastic clips used to secure the regulator to the mask was damaged prior to the drill (see image 1). It is unknown if that caused the failure of the regulator, but there are some recommendations following this incident.

- It is recommended to check the regulator during your 48-hour morning check, looking for any damage or broken clips. If there are broken clips or damage to the regulator, get it replaced through the logistics process.
- It is important to secure the regulator to the regulator retainer while not in use, ensuring that it isn't getting damaged by being out of the belt retainer.
- Once preparing to make entry into IDLH, once you have secured the regulator to the facepiece, it is critical to test the connection by either pulling on the regulator or the hose on the regulator with a quick tug, ensuring the connection is solid and doesn't separate from the mask prior to entry.

Although this did not result in a Mayday, it is important for crews to review the following Command Guidelines

- [450-01, Personnel Accountability System](#)
- [450-34, Valley Mayday SOG](#)

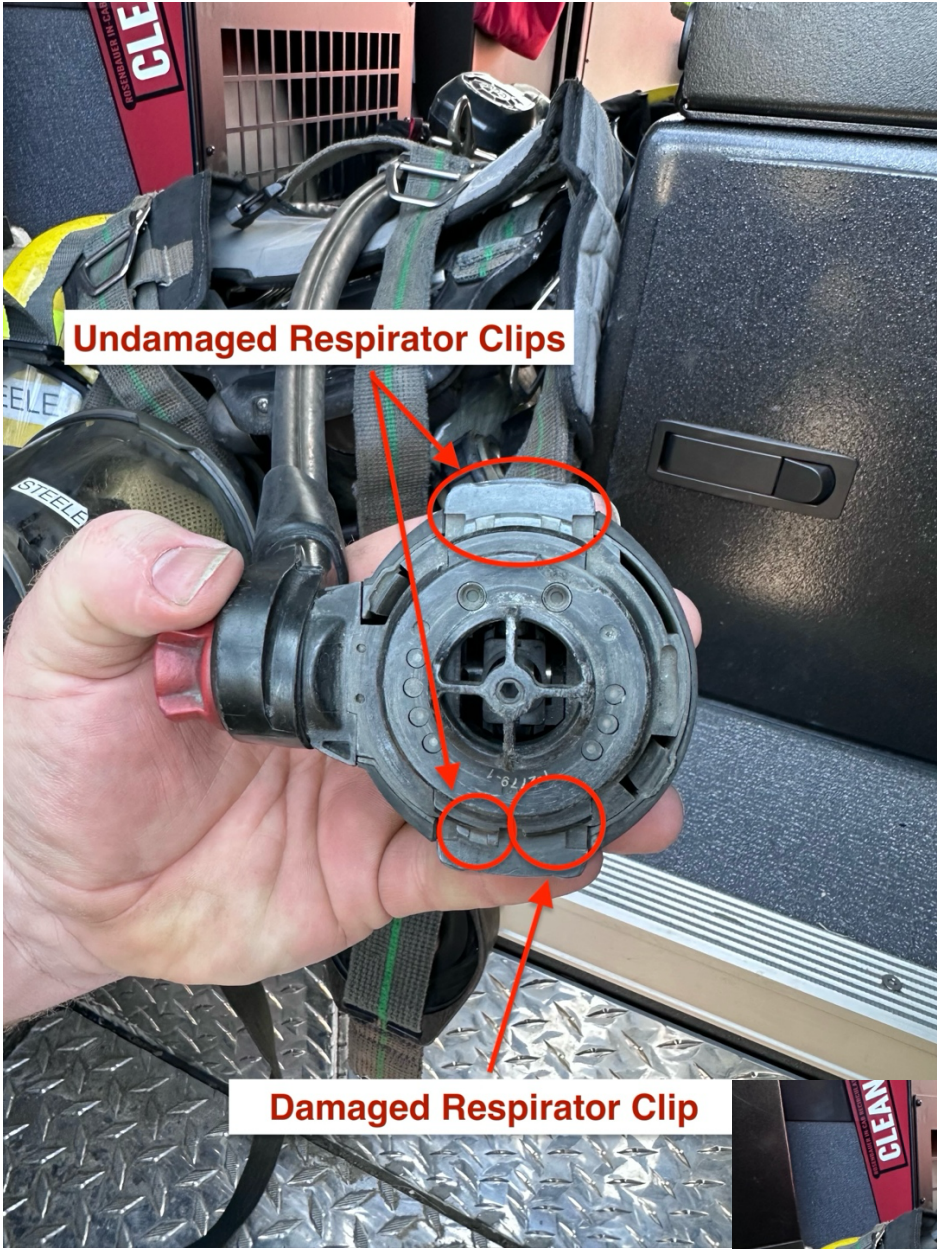


Image 1



Image 2