

## Fire Extinguisher Failure

### What Happened

A non- NASA facility experienced a fire extinguisher cylinder failure. This particular fire extinguisher had been mounted on mobile equipment.

### Results of the Investigation

The investigation identified areas of abnormal wear and fatigue on the fire extinguishers. This may have been caused by bracket hardware that was used to mount the extinguisher to the mobile equipment.

### What You Can Do

Fire extinguishers on vehicles, forklifts, and anything outdoors or mobile are subject to more wear and fatigue than fire extinguishers in buildings. For this reason, vehicle-mounted extinguishers need to be inspected for rust or damage on a regular basis.

Check for proper mounting of fire extinguishers where bolts or hinges can possibly rub on the extinguisher, creating a weak point. Check also for corrosion on the extinguisher. Fire extinguishers are under pressure and must be maintained properly to prevent a failure.

