



H S E

HEALTH SAFETY ENVIRONMENTAL



Alert #: SA 27-23

Date: July 27th, 2023

Device Battery Swelling

As of lately, there have been repeating occurrences of employees reporting swelling within their device batteries. This can prove to be hazardous, as there are many immediate dangers which are associated with having a swollen device battery. A swelling device battery can be dangerous as it may indicate that the battery's internal pressure has increased, which can lead to overheating or even explosions.

There are a few reasons as to why device batteries could have swelling within them, with those being:

- Overcharging.
- Manufacturer Defects.
- Mechanical Damage.
- Age.
- High-Temperature Exposure.
- Excessive Charge Cycles Over its Lifetime.
- Heat.

There are precautions one can take in order to mitigate any risk which comes with this. If your device battery is swelling, it is important to stop using the device immediately and remove the battery. It is also recommended to contact the manufacturer or a professional for further guidance on how to properly dispose of the battery and potentially replace it. If the device is company issued, please refer to GIS' IT Department.

There are also many ways in which a swollen device battery may be dealt with, such as:

- Stop charging the device.
- Remove the battery safely.
- Dispose of the battery at any authorized recycling center.
- Keep any batteries cool.
- Make sure any future chargers are of high quality.
- Stop charging the device for longer than necessary.

Do not delay in responding to a swollen battery, as the device will not become any safer if the battery goes unchecked. The continued usage of a device with a swollen battery is a high risk to the user and must be dealt with immediately.



Report all incidents immediately to the GIS Hotline

1-855-543-5163

Following your initial phone call, an incident report **must** be completed and e-mailed to:

incident@gisy.com

SAFETY ALERT