

EESC**Proposed new work item****Code of practice for transportation and storage of secondary cells and batteries (New TR)**

The scope of the COP will cover best practices, applicable for local (or regional) use case in the transportation and storage of batteries.

Included:

1. The scope will cover related secondary batteries and products, such as lithium ion and sodium ion batteries, with similar failure proliferation. These failure characteristics, have safety concern including thermal runaway (externally or self-triggered), gas evolution and varying fire dynamics versus traditional fuel-based fire. The term batteries will refer to cells, modules, pack and/or product.
2. The scope will cover land transport of batteries. This includes (for new products) recommended safety testing of batteries/products prior to test, limitations in capacity, labelling, packing instructions and mitigation measures.
3. The scope will cover storage of batteries. This includes warehouse storage of batteries and products. It will include both indoor and outdoor storage. This will include storage instructions, labelling, egress requirements, protection and mitigation recommendations.
4. The scope will also define temporary storage and potential exemption or conditions for such practices.

It excludes the following:

1. The scope for transport, will not cover air and sea transport. It will only cover land transport of the batteries.
2. The scope will not cover transport or storage of battery related elements not in the cell, module, pack or product form. This includes battery raw materials, processed active battery materials, battery processed waste, black mass, or part thereof not in the assembled form of cell, modules, pack or product.
3. The scope will not cover deployed or in-use battery system. These are battery system that are deployed and in-use (active charging and discharging), such as stationary storage, swappable battery racks, connected back-up batteries.
4. The scope will not cover safety testing standards from cell to product.

Potential users of these standards on transportation, storage and warehousing of secondary cells and batteries companies, secondary cells and batteries manufacturers and suppliers, testing and inspection companies, training providers, institutes of higher learning and relevant government agencies.