

Australian Code for Transportation of Dangerous Goods by Road & Rail v7.7

Packing Instruction P801

UN Number	Name & Description
UN2794	BATTERIES, WET, FILLED WITH ACID, electric storage
UN2795	BATTERIES, WET, FILLED WITH ALKALI, electric storage
UN3028	BATTERIES, DRY, CONTAINING POTASIMUM HYDROXIDE SOLID, electric storage

P801	PACKING INSTRUCTION
This instruction applies to UN Nos. 2794, 2795 or 3028.	
<p>The following packagings are authorized, provided that the provisions of 4.1.1.1, 4.1.1.2, 4.1.1.6, and 4.1.3 are met:</p> <p>(1) Rigid outer packagings, wooden slatted crates or pallets.</p> <p>Additionally, the following conditions shall be met:</p> <p>(a) Batteries stacks shall be in tiers separated by a layer of electrically non-conductive material;</p> <p>(b) Battery terminals shall not support the weight of other superimposed elements;</p> <p>(c) Batteries shall be packaged or secured to prevent inadvertent movement;</p> <p>(d) Batteries shall not leak under normal conditions of transport or appropriate measures shall be taken to prevent the release of electrolyte from the package (e.g. individually packaging batteries or other equally effective methods); and</p> <p>(e) Batteries shall be protected against short circuits.</p> <p>(2) Stainless steel or plastics bins may also be used to transport used batteries.</p> <p>Additionally, the following conditions shall be met:</p> <p>(a) The bins shall be resistant to the electrolyte that was contained in the batteries;</p> <p>(b) The bins shall not be filled to a height greater than the height of their sides;</p> <p>(c) The outside of the bins shall be free of residues of electrolyte contained in the batteries;</p> <p>(d) Under normal conditions of transport, no electrolyte shall leak from the bins;</p> <p>(e) Measures shall be taken to ensure that filled bins cannot lose their content; and</p> <p>(f) Measures shall be taken to prevent short circuits (<u>e.g. batteries are discharged, individual protection of the battery terminals, etc.</u>).</p>	