

Sheet 2a – Damaged/Defective non-critical

Scope / Conditions	<p>Transport of lithium batteries, identified as being damaged or defective, (including, but not limited to:</p> <ul style="list-style-type: none"> • Cells or batteries identified as being defective for safety reasons; • Cells or batteries that have leaked or vented; • Cells or batteries that cannot be diagnosed prior to carriage; or • Cells or batteries that have sustained physical or mechanical damage) <p>and under normal conditions of carriage NOT liable to rapidly:</p> <ul style="list-style-type: none"> • disassemble, • dangerously react, • produce a flame or a dangerous evolution of heat or • produce a dangerous emission of toxic, corrosive or flammable gases or vapors <p>In assessing a battery as damaged or defective, the type of battery and its previous use and misuse shall be taken into account.</p>
Special Provision	SP 376
Packing Instruction	P908 – LP904
Full ADR applicable?	Yes
Packaging	<p>UN approved (packing group II):</p> <ul style="list-style-type: none"> • Drums (steel, aluminium, other metal, plastic, plywood, fiber) • Boxes (steel, aluminium, other metal, natural wood, plywood, reconstituted wood, fiber, plastic); • Jerricans (steel, aluminium, plastic) <p>Cell or battery > 30 kg: one cell or battery per outer packaging.</p> <p>Large packagings¹, for a single battery and for a single item of equipment containing batteries: rigid UN approved (packing group I), made of steel, aluminium, other metal, rigid plastics or plywood</p>
Protection measures	<ul style="list-style-type: none"> • Each damaged or defective cell or battery or equipment containing such cells or batteries shall be individually packed in inner packaging and placed inside an outer packaging. The inner packaging or outer packaging shall be leak-proof to prevent the potential release of electrolyte. • Each inner packaging shall be surrounded by sufficient non-combustible and electrically non-conductive thermal insulation material to protect against a dangerous evolution of heat. • Sealed packagings shall be fitted with a venting device when appropriate. • Appropriate measures shall be taken to minimize the effects of vibrations and shocks, prevent movement of the cells or batteries within the package that may lead to further damage and a dangerous condition during carriage. Cushioning material that is non-combustible and electrically non-conductive may also be used to meet this requirement. • Non combustibility shall be assessed according to a standard recognized in the country where the packaging is designed or manufactured.

¹ Designed for mechanical handling and exceeding 400 kg net mass or 450 litres capacity but a volume of not more than 3 m³

	<ul style="list-style-type: none">• For leaking cells or batteries, sufficient inert absorbent material shall be added to the inner or outer packaging to absorb any release of electrolyte.• Cells or batteries shall be protected against short circuit.
Additional requirements	<ul style="list-style-type: none">• Packages marked "DAMAGED/DEFECTIVE LITHIUM-ION BATTERIES" or "DAMAGED/DEFECTIVE LITHIUM METAL BATTERIES"• Transport document includes: "Transport in accordance with special provision 376".

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