




# Lithium Metal Batteries

## Section IB

Cell/Battery Lithium content:	<b>0.3 g – 1.0 g</b>	<b>0.3 g – 2.0 g</b>																												
Quantity cells/batteries per package:	<b>&gt; 8 cells</b>	<b>&gt; 2 batteries</b>																												
Maximum <b>net</b> weight per package:	<b>2.5 kg</b>																													
Packaging:	<ul style="list-style-type: none"> <li>▪ <b>Inner packaging must completely enclose each cell/battery (and prevent contact between multiple cells/batteries)</b></li> <li>▪ <b>Strong rigid outer packaging - batteries must be protected from damage/compression (drum, jerrican, or box)</b></li> <li>▪ <b>Each package must be capable of withstanding a 1.2 m drop test in any orientation, without: damage, shifting, or release of contents.</b></li> </ul>																													
Documentation:	<ul style="list-style-type: none"> <li>▪ <b>Shipper's Declaration is required -</b></li> </ul> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th colspan="7" style="text-align: center; border: none;">NATURE AND QUANTITY OF DANGEROUS GOODS</th> </tr> <tr> <th colspan="7" style="text-align: center; border: none;">Dangerous Goods Identification</th> </tr> <tr> <th style="text-align: center; border: none;">UN or ID No.</th> <th style="text-align: center; border: none;">Proper Shipping Name</th> <th style="text-align: center; border: none;">Class or Division (Subsidiary Risk)</th> <th style="text-align: center; border: none;">Pack- ing Group</th> <th style="text-align: center; border: none;">Quantity and type of packing</th> <th style="text-align: center; border: none;">Packing Inst.</th> <th style="text-align: center; border: none;">Authorization</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">UN3090</td> <td style="text-align: center;">LITHIUM METAL BATTERIES</td> <td style="text-align: center;">9</td> <td style="text-align: center;"></td> <td style="text-align: center;">1 FIBREBOARD BOX x 2.2 kg</td> <td style="text-align: center;">968</td> <td style="text-align: center;">IB</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>▪ <b>Accompanying document also required, indicating:</b> <ul style="list-style-type: none"> <li>- the package contains lithium metal cells or batteries;</li> <li>- the package must be handled with care &amp; a flammability hazard exists if the package is damaged;</li> <li>- special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary;</li> <li>- a telephone number which can be called for additional information</li> </ul> </li> </ul>		NATURE AND QUANTITY OF DANGEROUS GOODS							Dangerous Goods Identification							UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Pack- ing Group	Quantity and type of packing	Packing Inst.	Authorization	UN3090	LITHIUM METAL BATTERIES	9		1 FIBREBOARD BOX x 2.2 kg	968	IB
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Air Waybill:	<ul style="list-style-type: none"> <li>▪ <b>In the 'Handling Information' box:</b> <ul style="list-style-type: none"> <li>- 'Dangerous goods as per attached Shipper's Declaration' &amp; 'CAO'</li> <li>- the number of packages (if a mixed load of non-DG &amp; DG)</li> </ul> </li> </ul>																													
Marking & Labelling:	<ul style="list-style-type: none"> <li>▪ <b>Each package must be labeled with a lithium (metal) battery handling label, Class 9 label, CAO label, &amp; the below markings:</b></li> </ul> <ol style="list-style-type: none"> <li>1) name and address of shipper and consignee;</li> <li>2) UN3090, Lithium metal batteries;</li> <li>3) the net weight of each package</li> </ol> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">    </div>																													