

Chapter 6

SPECIAL PROVISIONS

Against the entries in the Supplementary Dangerous Goods List (Table S-3-1), column 7 shows any special provisions that are applicable. Where these special provisions have not been listed in Table 3-2 of the Technical Instructions, they are listed in Table S-3-4 below.

Table S-3-4. Special Provisions

Supplementary special provisions

<u>A3XX</u>	<p>a) <u>In instances where other forms of transport (including cargo aircraft) is impracticable, lithium cells or batteries may be transported on passenger aircraft with the prior approval of the authority of the State of Origin and the State of the Operator under the written conditions established by those authorities, provided that the following types and quantities are met:</u></p> <p>1) <u>quantities of lithium metal cells or batteries (UN 3090) are limited to the allowance permitted in Table 968-II of Packing Instruction 968; and</u></p> <p>2) <u>quantities of lithium ion cells or batteries (UN 3480) are limited to the allowance permitted in Table 965-II of Packing Instruction 965.</u></p> <p>b) <u>When considering an approval, at a minimum, the following criteria should be considered to mitigate risks posed by a lithium cell or battery heat, smoke or fire event inside a package at the cell, battery or package level:</u></p> <p>1) <u>no amount of flame is allowed outside the package;</u></p> <p>2) <u>the external surface temperature of the package cannot exceed the amount that would ignite adjacent packing material or cause batteries or cells in adjacent packages to go into thermal runaway;</u></p> <p>3) <u>no fragments can exit the package and the package must maintain structural integrity;</u></p> <p>4) <u>the quantity of flammable vapour emitted must be less than the amount of gas that when mixed with air and ignited could cause a pressure pulse that could dislodge the overpressure panels of the aircraft cargo compartment or damage the aircraft cargo compartment liners; and</u></p> <p>5) <u>when the package or overpack is exposed to an external fire (e.g. five-minute oil burner flame penetration resistance test) or elevated temperature environment (e.g. oven thermal resistance test) the lithium cell or battery contained in the package must not initiate thermal runaway.</u></p> <p><u>Adequate information and documentation on the above criteria (b)1) through 5)) must be provided to the appropriate authority of the State issuing the approval upon request.</u></p>
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