

**EDLC Guidance Table**

**Attachment 1, Developed by NCA, MAR, 2012**

Requirements	Capacitors <b>containing an electrolyte meeting DG.</b>	Capacitors <b>not containing DG content.</b>
Transport Conditions	1. Not contained in equipment; capacitors must be uncharged state. 2. Contained in equipment; capacitors must be uncharged state or protected against short circuit.	
Protection against a potential short circuit.	<u><b>Not more than 10Wh of capacitor or module includes such capacitor;</b></u> The capacitor or module must be protected against short circuit or fitted with a metal strap connecting terminals.	
	<u><b>More than 10Wh of capacitor or module includes such capacitor;</b></u> The capacitor or module must be fitted with a metal strap connecting terminals.	
Marking on Capacitor	Capacitor must be marked with the energy storage capacity in Wh	
Pressure Release	Capacitors must be designed and constructed to safely relieve pressure that may build up in use, through a vent or a weak point in the capacitor casing. Any liquid which is released upon venting must be contained by packaging or by equipment in which a capacitor is installed.	
Pressure Differential	Capacitor must be designed to withstand a 95 kPa pressure differential.	N/A
DG Classification	1. Not more than 10Wh energy capacity; <b>Not subject to other provisions</b> when capable of withstanding a 1.2m drop test unpackaged on an unyielding surface without loss of contents. <b>* 3</b> 2. More than 10Wh capacitors <b>not contained in equipment;</b> <b>Must be declared as UN3499 DG. * 5</b> 3. Capacitors <b>contained in equipment;</b> <b>Not subject to other provisions</b> provided the equipment is packed in a strong outer packaging constructed of suitable material and of adequate strength and design in relation to the packagings intended use and in such a manner as to prevent accidental functioning of capacitors during transport. Large robust equipment containing capacitors may be offered for transport unpackaged or on pallets when capacitors are afforded equivalent protection by the equipment in which they are contained. <b>* 4</b>	<b>Not Subject to other provisions.</b> This provision includes both of capacitors contained in equipment and not contained in equipment.  <b>* 2</b>

**Note: Capacitors not exceeding 0.3Wh are not subject to DGR. \* 1**

**\* 1, \*2, \*3, \*4 and \*5: Please see attachment of EDLC handling guidance.**

Editorial Note: NCA is not in apposition to take any responsibility for the accuracy of this table.

The IATA Dangerous Goods Regulations must be observed.