



# CellBlock FCS DOT SP-20549 REV. 6

## Strengths and Limitations

### Getting Started:

CellBlock FCS is supplying you with a DOT special permit packaging for shipping damaged, defective, recalled or end-of-life lithium ion and lithium metal batteries and cells up to 300 Wh.

If you do not have a copy of DOT-SP 20549, please download here: [CellBlockFCS.com/DOTSP20549](http://CellBlockFCS.com/DOTSP20549)

### About CellBlockEX:

CellBlockEX is a non-toxic and environmentally friendly fire suppressant. Learn more at: [cellblockfcs.com/cellblockex](http://cellblockfcs.com/cellblockex)

### What is Allowed:

- Relief from Part 172 Subparts C through H requiring shipping papers, marking, labelling, and training.
- Comingling end of life and DDR lithium batteries with other battery chemistries, including all dry cell batteries (alkaline, Ni-Cd and Ni-MH) and SSLA (small sealed lead acid batteries) within the same outer package.
- Lithium ion batteries not greater than 300 Wh
- Damaged, defective and recalled lithium ion batteries Not greater than 300 Wh
- Devices containing lithium ion batteries not greater than 300 Wh
- Devices containing damaged, defective and recalled lithium ion batteries not greater than 300Wh
- Lithium metal batteries not greater than 25 g lithium content
- Damaged, defective and recalled lithium metal batteries not greater than 25 g lithium content
- Devices containing lithium metal batteries not greater than 25 g lithium content
- Devices containing damaged, defective and recalled lithium metal batteries not greater than 25 g lithium content

### Limitations:

- **For road transport only:** lithium ion cells or batteries with a Wh rating not greater than 60 Wh for cells or 300 Wh for batteries, or lithium metal cells or batteries with a lithium content not greater than 5 g for cells or 25 g for batteries.
- **For sea transport only:** lithium ion cells or batteries with a Wh rating not greater than 20 Wh for cells or 100 Wh for batteries or lithium metal cells or batteries with a lithium content not greater than 1 g for cells or 2 g for batteries.
- Transportation by cargo vessel is only permitted when motor vehicle shipments are not possible (e.g. Alaska, Hawaii, or Puerto Rico).

### Damaged Batteries and Cells:

When shipping or storing damaged cells or batteries, or equipment containing damaged batteries or cells, they must be surrounded by CellBlockEX and spacing must be maintained between items as outlined in the instructions. Alternatively, inner packaging, such as anti static bags, may be used to individually contain batteries.

Gross weight of damaged cells or batteries may not exceed the quantities listed below for the package size. However, there is no limit to the *number* of damaged batteries.

PACKAGE	MAX KG	MAX LBS
55 Gal Drum	60	132
30 Gal Drum	30	60
16 Gal Drum	18	38.5
5 Gal Pail	5	11
8 Liter Can	2	4.4

### Contact Information:

In an emergency, please contact your emergency service provider. Any questions, please contact CellBlock FCS at 800-440-4119 or [info@cellblockfcs.com](mailto:info@cellblockfcs.com)