

### a. Open-circuit defects



### Tab weld failure



Tab tear



### Terminal corrosion



### Premature activation of protection device

### b. Short-circuit defects

Direct short



Metallic particle  
contaminants



Metallic burrs and tears  
from tabs and foil



Missing/insufficient  
separator overhang



Hole/local weak spot in separator

### Plating-induced short



Insufficient electrode  
overhang



Missing/insufficient electrode coating



Overloaded electrode  
coating



## Electrode wrinkle



Electrode buckle



### Sharp electrode curvature