

**855 ESA SAFE**

Dalan Zartman COO

[dalan@energysecurityagency.com](mailto:dalan@energysecurityagency.com)

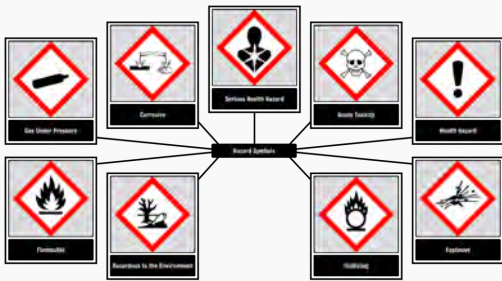


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# Energy Security Agency

*Global Leaders in Electric Vehicle Hazard Management*



## Testing

Collaborative Fixed and Mobile Destructive Battery testing for Research and Safety Standards

## Education

XEV and Li-ion Battery Virtual and Hands On Courses with Educational Partners

## Compliance

Stakeholders and contributors in industry standards and interpretation

## Incident Management

24/7 Resource Center for real time Risk Assessment, Response, Compliance and Consultation Services

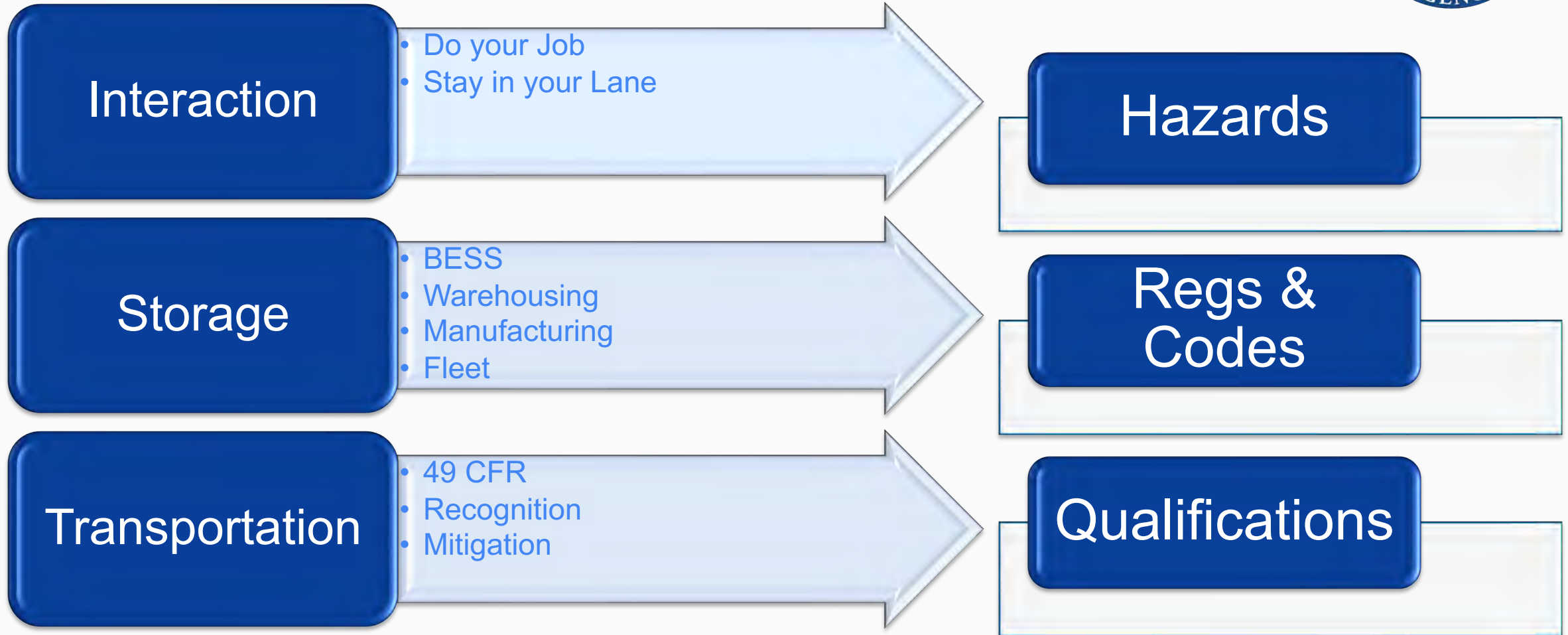
What are we not talking about.....



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# What are we not talking about.....





# Li Ion Batteries



# Vapor Explosion

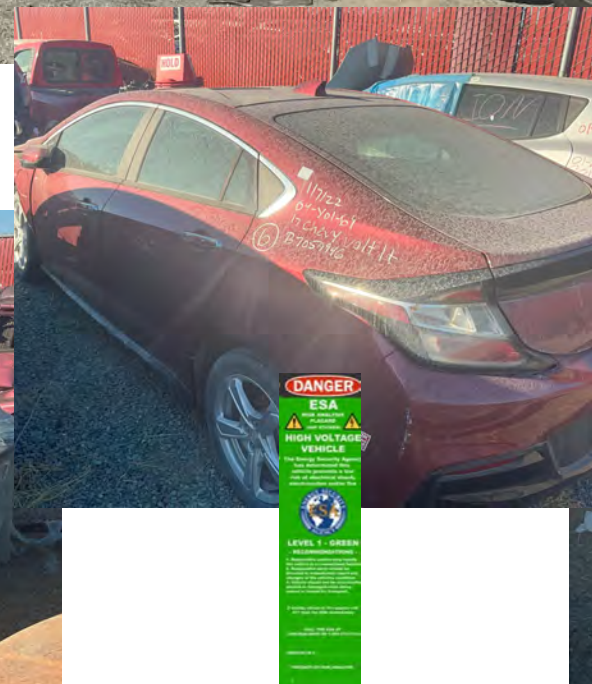




# Hazard Staging



Common Practice

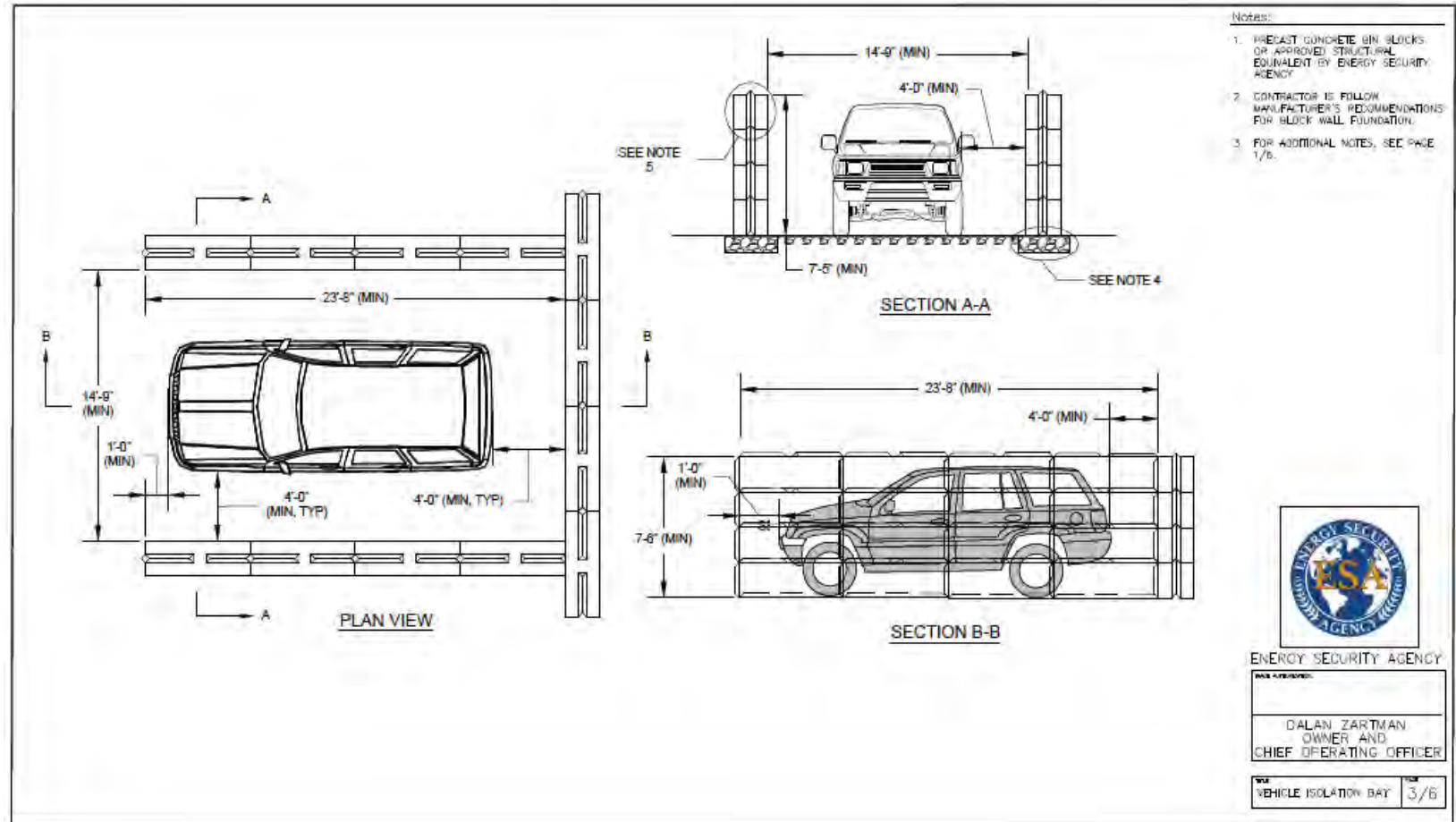




# Hazard Staging



Best Practices







## Best Practices



# NFPA 855 AHJ Integration

## Policy / Implementation

- Fire Prevention Plan
- Emergency Action Plan
- Emergency Response Plan
- Employee and FD Engagement

# Storage of Lithium Ion Batteries



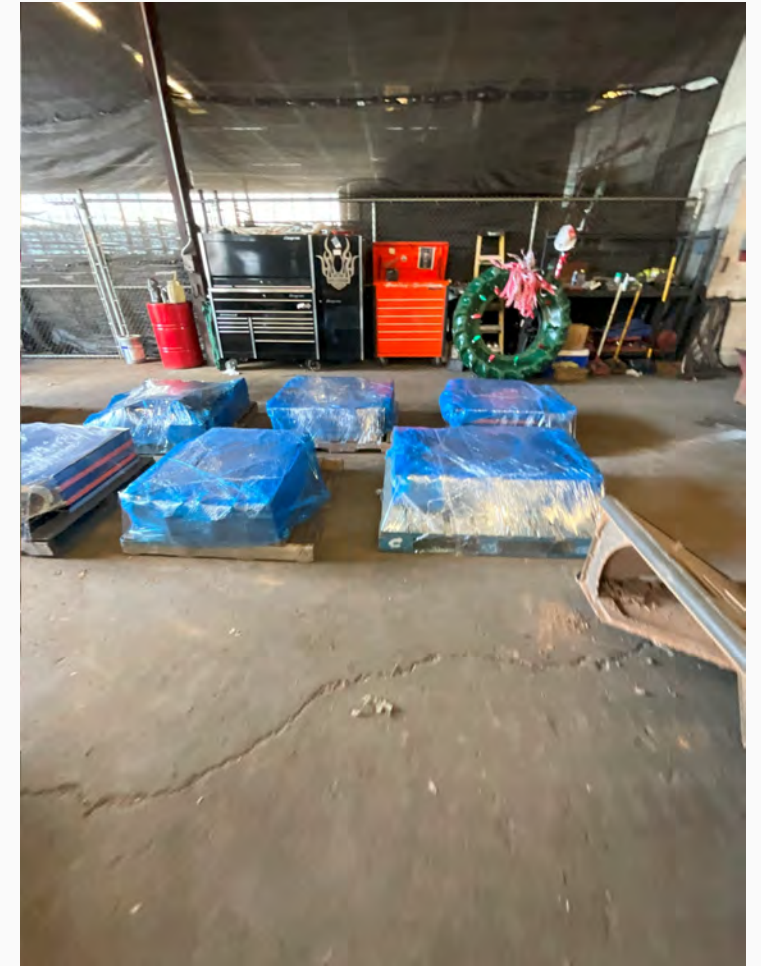
# Storage of Lithium Ion Batteries



# Transportation of Lithium Ion Batteries



What is your resource and support plan???



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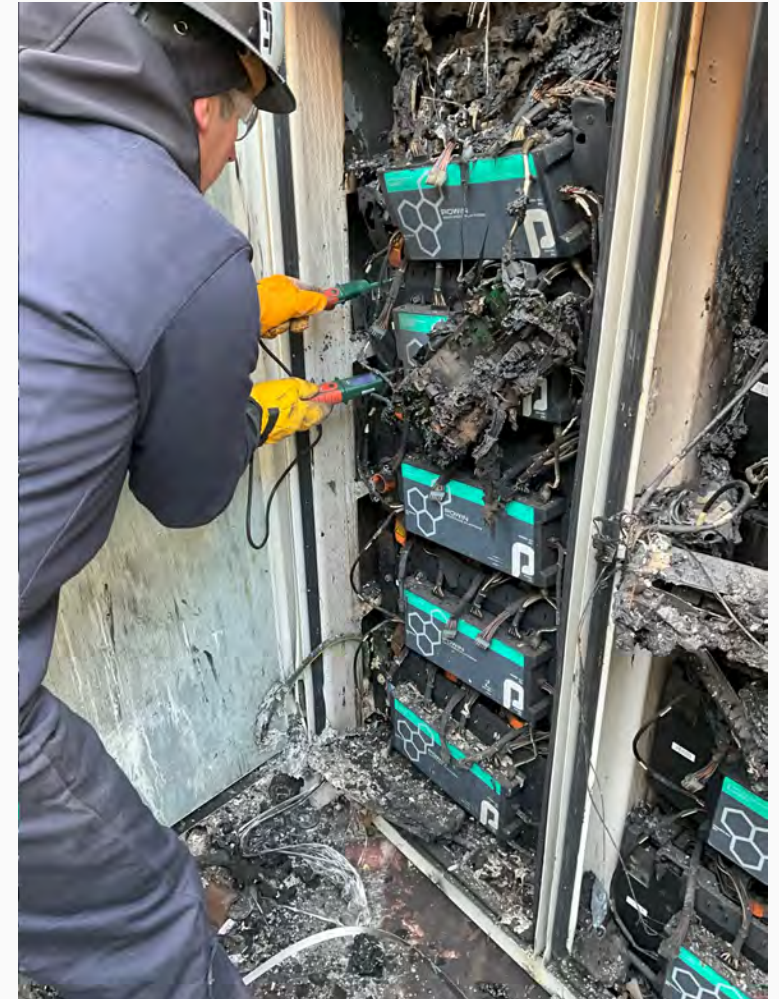
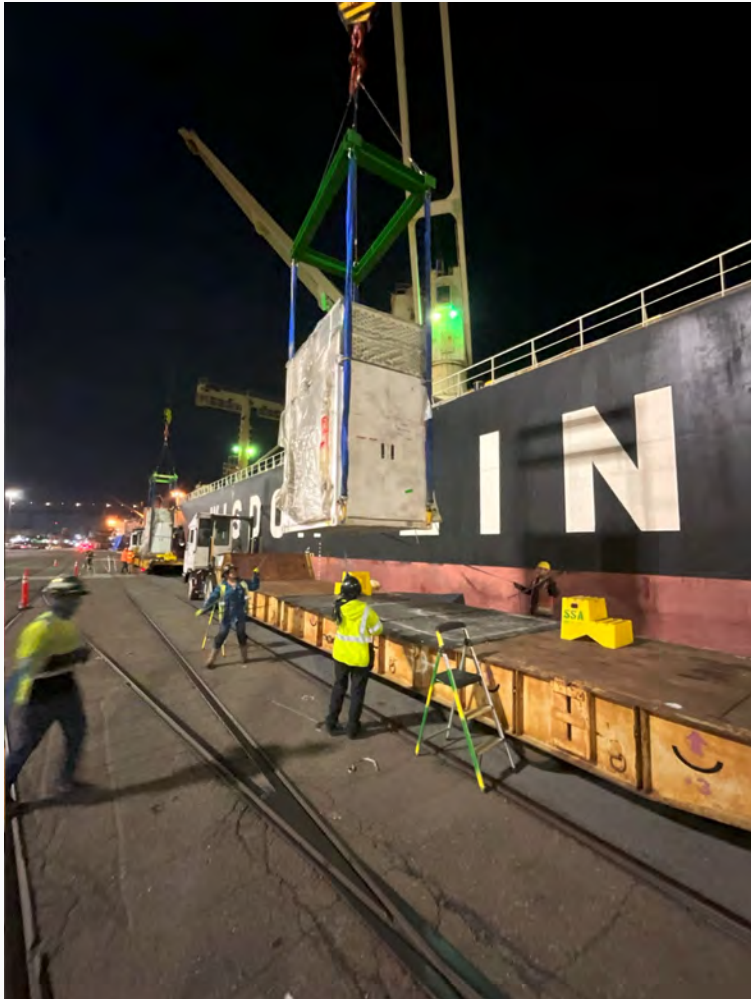
What is your resource and support plan???



# Transportation of Lithium Ion Batteries



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# Transportation of Lithium Ion Batteries



What is your resource and support plan???





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