301: Risk Management 2

Energy and Utilities

APPA Institute for Facilities Management

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Credit(s) earned on completion of this course will be reported to American Institute of Architects (AIA) Continuing Education Session (CES) for AIA members.

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Questions related to specific materials, methods, and services will be addressed at the conclusion of this presentation.



Managing Risk – Activities

- 1. Identify risky activities
- 2. Determine failure modes
- 3. Use risk matrix to prioritize
- 4. Develop solutions for high risks
- 5. Mitigate high risks if possible
- Communicate high risks that can't be mitigated

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Activity – Hospital Helipad



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Risk Assessment Types of Risk - PEAR People Environment Assets Reputation

What are the risks?

People

Environment

Assets

Individual – 1 minute
b. Pair Up – 2 minutes
c. Table – 4 minutes
d. All – 5 minutes

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Risk Assessment

Impact Factors: Probability Factors:

- Permanence
- Financial
- Reputation
- Cascading

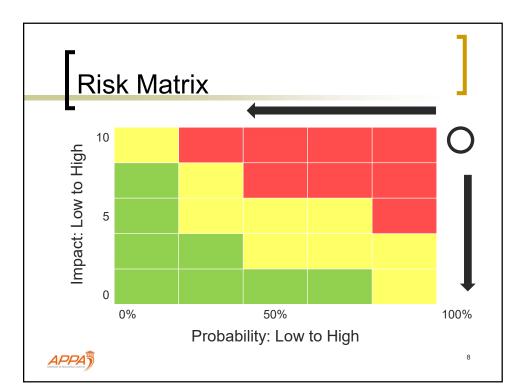
Rank (0 -10)

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- Location
- Experience
- Knowledge
- Condition

Rank (0% - 100%)

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Managing Risk – Processes

- 1. Identify your most critical processes
- 2. Determine failure modes
- 3. Use risk matrix to prioritize
- 4. Develop solutions for high risks
- 5. Mitigate high risks if possible
- Communicate high risks that can't be mitigated

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Process – Heating the Campus APPA Process – Heating the Campus ARCTIC BLAST ON THE WAY COLOMBIA APPA Ta

How can the process be interrupted?

- Deliver fuel to the boiler
- Burn fuel to make steam
- Distribute steam to buildings
- Return hot water to boiler

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- a. Individual 1 minute
- b. Pair Up 2 minutes
- c. Table 4 minutes
- d. All 5 minutes

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Risk Assessment

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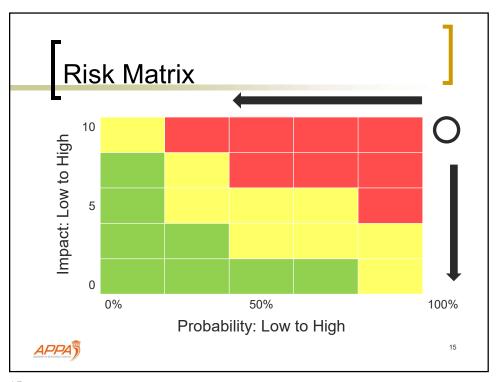
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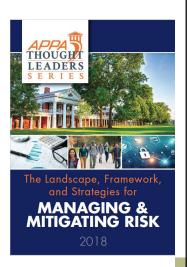
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Questions, Comments, Observations?

Sign-in Sheet & Evaluations



https://www.appa.org/Research/CFaR/tls.cfm



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