



## What are "Project Plans"

#### NFPA 3:

- Construction documents
- Record (plan) drawing
- Working (plan) drawing
- Shop drawing

#### NFPA 13:

- Preliminary plans
- Working plans> shop drawings
- Approved plans> AHJ deviation approvals
- Owners Certificate

#### NFPA 25:

 As-built system installation drawings

#### NFPA 72:

- Shop drawings
- Scaled floor plans
- Approved plans
- Floor plans (and "as-built plans cabinet)
- Outline plans
- System Record of Completion

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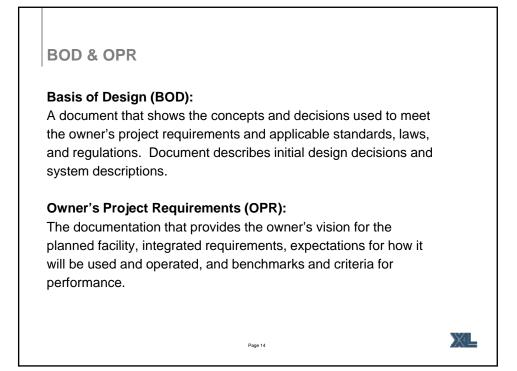
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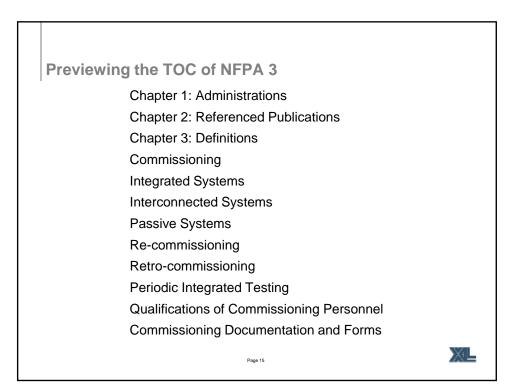




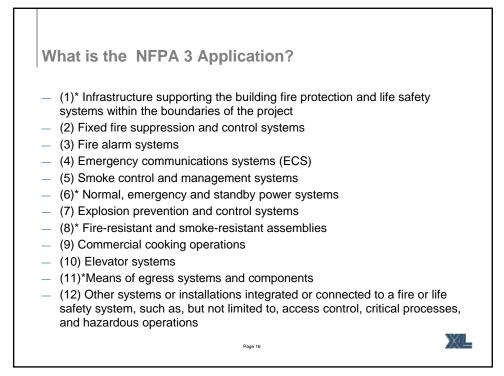
Commissi	oning
What is it? (NFPA 3) **	A systematic process that provides documented confirmation that specific and interconnected fire protection and life safety systems function according to the intended design criteria and satisfy the owner's operational needs, including compliance requirements of any applicable laws, regulations, codes and standards. ** Will be voted on by the NFPA Membership the week of June 13, 2011.
What is the scope of NFPA 3?	The minimum requirements for procedures, methods, and documentation in commissioning and the integrated testing of active and passive fire protection and life safety systems.
What is the purpose of NFPA 3?	The purpose of this standard shall be to provide a reasonable degree of assurance that fire protection and life safety systems function in accordance with the basis of design (BOD) and the owner's project requirements (OPR) through standardization of the processes for commissioning and integrated testing.
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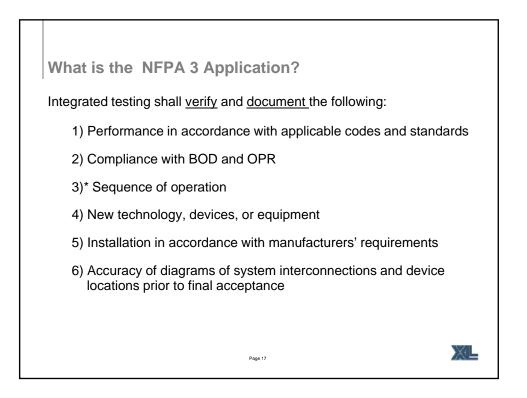














### **Integrated System**

A combination or group of systems either interconnected or separate, but required to operate together as a whole to achieve the fire protection and life safety systems.

### **Integrated Testing**

Assessment of fire protection and life safety systems function and operation using direct observation or other monitoring methods to determine the correct interaction and coordination of multiple systems in conformance with owner's project requirements and the basis of design.

## **Periodic Integrated Testing**

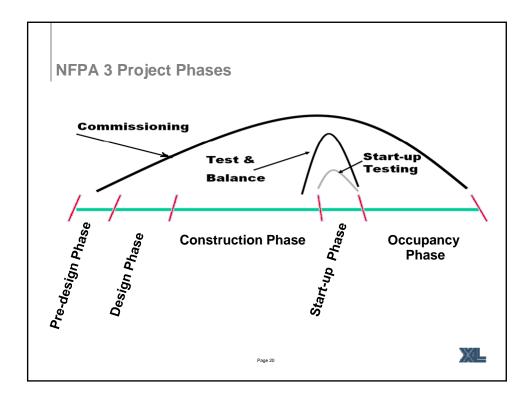
Fire protection and life safety systems that have been commissioned upon installation in accordance with the commissioning process of this standard shall have integrated testing in accordance with the commissioning plan.

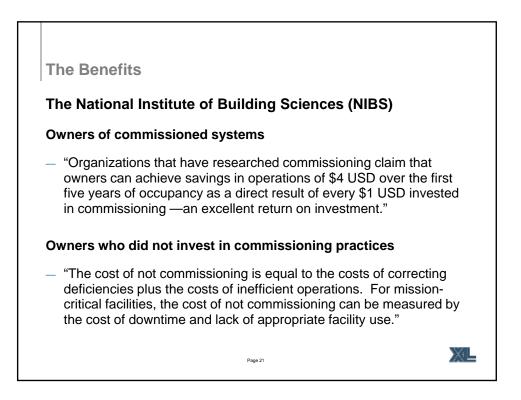
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## **Commissioning Team** Owner Construction Manager/ **General Contractor** Commissioning Authority (CxA) Owner's Technical Support Personnel - Fire Commissioning Agent (FCxA) Third Party Test Entity Installation Contractors Facility Manager/Operations Personnel Manufacturer Representatives — AHJ **Registered Design** Professional (RDP's) Insurance Representative

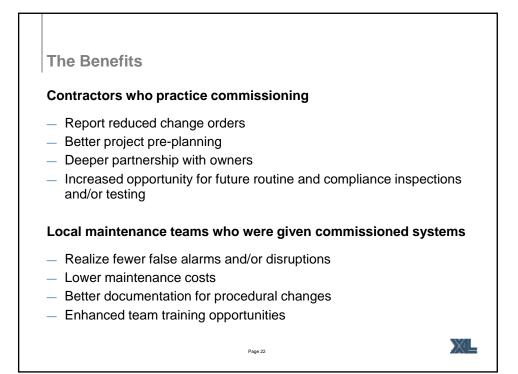


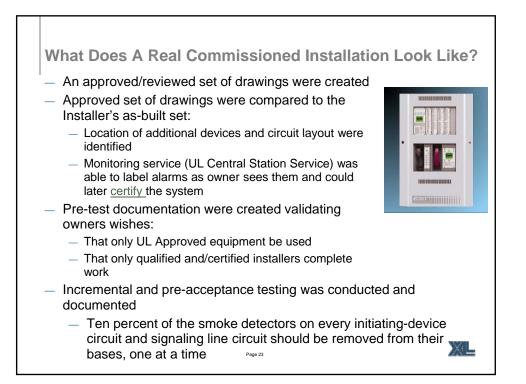
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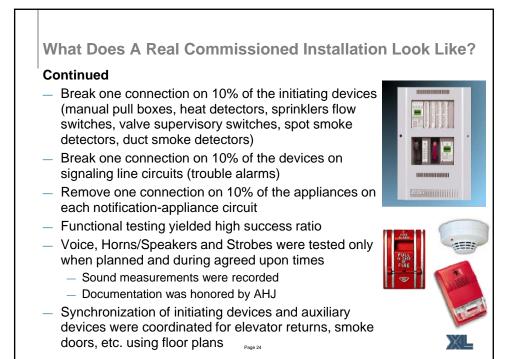


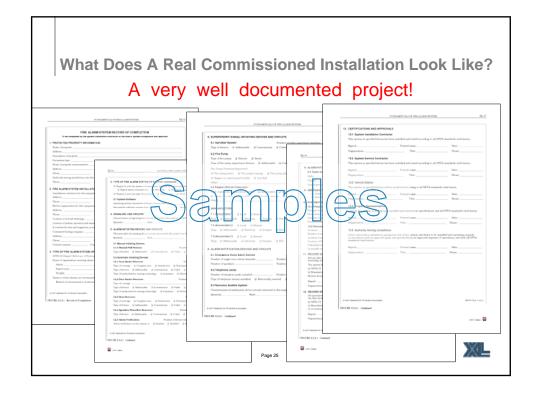




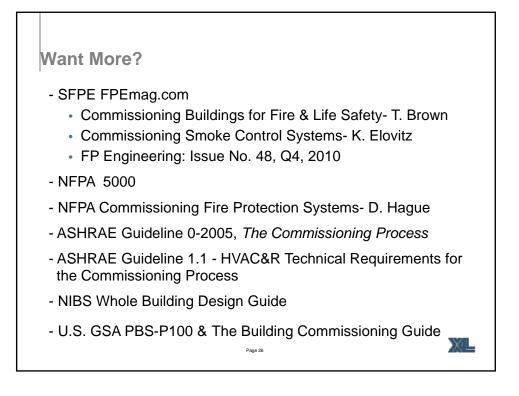


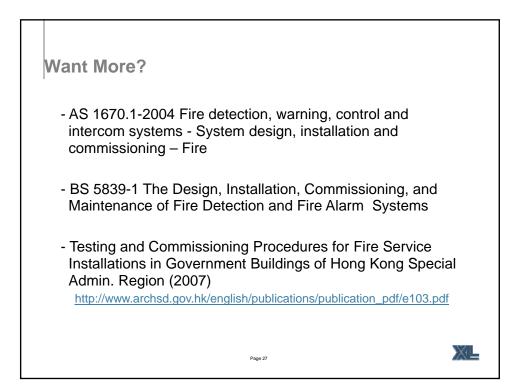






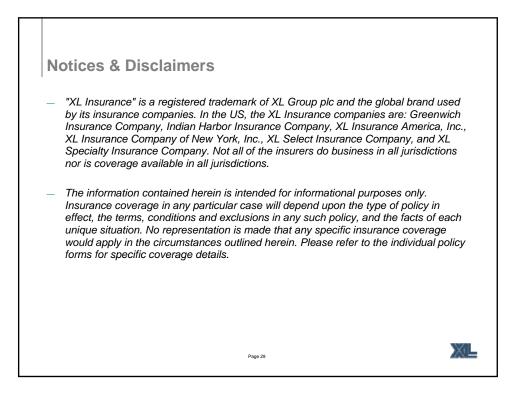




















## XL Global Asset Protection Services **Presentation Evaluation Form**

Date:		
Evaluator's Name:		

Course Name:

1. Overall, how satisfied were you with this course?



Very Satisfied



- Neither satisfied nor dissatisfied
- Dissatisfied
- Very dissatisfied
- 2. Would you recommend this course to another person?



- Definitely would Probably would
- Might or might not
- Probably would not
- Definitely would not

Rev.1.0 (May2011)

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# XL Global Asset Protection Services Presentation Evaluation Form

3. What did you like best about this course?

4. What did you like least about this course and how could this course be improved?

#### Please rate the course in the following areas:

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### **Response Definitions:** E = Excellent VG = Very Good G = Good F = Fair P = Poor

5.	Met its stated objectives	Е		G	F	P
6.	Increased your knowledge and skills		VG	G	F	P
7.	Had well –organized course content		VG	G	F	P
8.	Met your needs		VG	G	F	P
9.	Was conducted in a space that was conducive to learning		VG	G	F	P

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10.	Do you plan on using any or parts of this course information when you return to your site	 	 	
11.	Will course materials be useful references for you (or others) when you return to your site	 	 	

12. Other comments?

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