

The following standard specification is intended to be edited according to the specifics of the project. Brackets [ ] and areas shaded in gray [e.g. format] indicate requirements that are optional depending upon the type of system being provided or per instructions associated with the [ ] and project requirements. Consult with University's Representative and campus stakeholders.

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SECTION 33 08 00 COMMISSIONING OF UTILITIES

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Commission all systems and equipment listed in the table below per the requirements of Section 01 91 00 Commissioning. The Installation/Start-up Verification (ISV) and Functional Performance Test (FPT) forms listed are required [and will be provided by the University]. Refer to the project website for standard commissioning forms.

[Edit the table and the checklists as required by the project.]

Equipment/System	ISV Form	FPT Form
Site HVAC and Plumbing Utilities	ISV-33 00 00	N/A

1.2 RELATED WORK AND DOCUMENTS

- A. Section 01 79 00 Demonstration and Training  
B. Section 01 91 00 Commissioning  
C. Division 33 Utilities

1.3 COMMISSIONING DEFINITIONS AND ABBREVIATIONS

- A. Refer to Section 01 91 00 Commissioning

1.4 REFERENCE STANDARDS

- A. American Society for Testing and Materials (ASTM)

1.5 SUBMITTALS

- A. Submit commissioning documents for all equipment and systems listed in table above per the requirements of Section 01 91 00 Commissioning.

PART 2 - PRODUCTS

2.1 INSTRUMENTATION

- A. Refer to Section 01 91 00 Commissioning.

PART 3 - EXECUTION

3.1 INSTALLATION/START-UP VERIFICATION

- A. Perform all checks and tests included in the ISV checklists and complete the checklists as specified in Section 01 91 00 Commissioning.

3.2 FUNCTIONAL PERFORMANCE TESTS

- A. Perform all checks and tests included in the FPT checklists and complete the checklists as specified in Section 01 91 00 Commissioning.

3.3 TRAINING OF UNIVERSITY PERSONNEL

- B. Provide training of University's personnel for the number of hours specified in the table below and as specified in Section 01 79 00 Demonstration and Training.

PROJECT TITLE  
CONTRACT TITLE  
UNIVERSITY OF CALIFORNIA, DAVIS  
CITY, CALIFORNIA

PROJECT NO: 0000000  
GRANT NO: 0000000

[Edit the table as required by the project. Project Manager to coordinate with DCM Engineering and FM]

<b>Equipment/System</b>	<b>Section Number</b>	<b>Orientation Hours</b>	<b>Training Hours</b>	<b>DVD Recording</b>
Site HVAC and Plumbing Utilities	22 11 00	2	N/A	N/A

END OF SECTION 22 08 00