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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
NASA-01750 (December 2003)  
NASA  
Superseding NASA-01750  
(March 2003)  
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DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01750

STARTING AND ADJUSTING

12/03

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SECTION 01750

STARTING AND ADJUSTING  
12/03

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NOTE: Delete, revise, or add to the text in this section to cover project requirements. Notes are for designer information and will not appear in the final project specification.  
  
This broadscope section establishes requirements for system testing and acceptance. This section must be coordinated with the project requirements and technical sections.  
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PART 1 GENERAL

1.1 SUMMARY

Requirements of this Section apply to, and are a component part of, each section of the specifications.

1.2 REFERENCES

Not Used

1.3 SUBMITTALS

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NOTE: Review submittal description (SD) definitions in Section 01330 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project. Submittals should be kept to the minimum required for adequate quality control. Include a columnar list of appropriate products and tests beneath each submittal description.  
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The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES in sufficient detail to show full compliance with the specification:

SD-06 Test Reports

Test reports shall be submitted in accordance with the paragraphs entitled, "Factory Tests", "Functional Test" and "Final Acceptance Test," of this section.

Test procedures and the recording forms shall be submitted according to paragraph entitled, "Test Procedures."

#### 1.3.1 Tests Required

Tests shall be performed to verify proper functioning of fire protection, fire suppression, HVAC, compressed air, electrical switchgear, protective relaying, fluid and gas systems, pump/motor combinations, boiler systems, hydraulic and pneumatic control, condition/performance monitoring systems, energy control and monitoring systems, and other assemblies and components that need to be tested as an interrelated whole.

#### 1.3.2 Factory Tests

Tests shall be performed at the factory to verify proper build. These test results will be used in the "Final Acceptance Test" section to verify no shipping damage and proper installation.

#### 1.3.3 Functional Test

Contractor shall perform an "in-house" test to verify that the system and components have been properly installed and are functioning properly. Test shall be performed in the presence of the Contracting Officer. Test shall be completed and found acceptable when system has performed per other sections and referenced industry standards.

#### 1.3.4 Final Acceptance Test

Contractor shall perform a formal test with full documentation using the approved recording form. Contracting Officer will witness this test and issue a written final acceptance. Final test data shall be provided to the Contracting Officer. Data shall have a cover letter/sheet clearly marked with the system name, date, and the words "Final Test Data - Forward to the Systems Engineer/Condition Monitoring Office/Predictive Testing Group for inclusion in the Maintenance Database."

#### 1.3.5 Test Procedures

Test procedure and recording forms that document the test steps shall be submitted for approval to the Contracting Officer 21 calendar days prior to the proposed test date. Procedure shall consist of step by step instruction to verify system parameters, components, and functions.

### PART 2 PRODUCTS

Not Used

### PART 3 EXECUTION

Not Used

-- End of Section --