

## Test 3: RunFullValidationMaster - Preparation

**Version:** Phase 2 - Test 3

**Date:** 2026-01-19

**Status:** Ready to Begin

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### Test 1 & 2 Summary

#### ✓ Test 1: GetAutoValidationMap

- **Status:** PASSED
- **Result:** Successfully loads 9 validation mappings
- **Bug Fixed:** Error #450 (missing Set keyword)

#### ✓ Test 2: Debug Logger System

- **Status:** PASSED
  - **Result:** GlobalDebugOn controls debug output correctly
  - **Bugs Fixed:**
    - InitDebugFlags table structure mismatch
    - Form method name (setLMenuValCompletedCB)
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### Test 3 Scope

**Purpose:** End-to-end validation with actual data

**What will be tested:**





1. Full validation workflow from start to finish
2. ValidationTrackerForm progress display
3. Error detection and reporting
4. Auto-correction functionality
5. Format application
6. Cancel button
7. Performance measurement

**Current modules ready:**

-  AV\_Core v2.1 COMPLETE (tested)
  -  AV\_UI v2.1 Test2 (tested)
  -  AV\_Engine v2.1 (ready, not tested)
  -  AV\_Format v2.1 (ready, not tested)
  -  AV\_Validators v2.1 (ready, not tested)
  -  AV\_ValidationRules v2.1 (ready, not tested)
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**Prerequisites for Test 3**

**Data Setup**

1.  GlobalDebugOptions table configured
2.  AutoValidationCommentPrefixMappingTable populated (9 validations)
3.  Target data table with test rows
4.  Validation rule tables populated:
  - GIWValidationTable

- ElectricityPairValidation
- PlumbingPairValidation
- HeatSourcePairValidation
- HeatSourceANYRefTable

## Configuration

1. ⌚ Set GlobalDebugOn = "ON" (for detailed logging)
  2. ⌚ Prepare test data with known errors
  3. ⌚ Prepare test data with valid values
  4. ⌚ Prepare test data requiring auto-correction
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## Test 3 Plan

### Phase 3.1: Basic Execution

**Test:** Run validation on 10-20 rows

**Expected:**

- Form appears
- Progress updates every 10 rows
- Validation completes without errors
- Results logged in form

### Phase 3.2: Error Detection

**Test:** Rows with validation errors

**Expected:**

- Errors flagged in drop columns
- Error formatting applied
- Key column formatted with highest priority
- Error messages clear and specific

### **Phase 3.3: Auto-Correction**

**Test:** Rows requiring auto-correction

**Expected:**

- Corrections applied automatically
- Autocorrect formatting applied
- Drop column shows correction message
- Original values changed to corrected values

### **Phase 3.4: Cancel Function**

**Test:** Cancel validation mid-process

**Expected:**

- Validation stops gracefully
- Partial results preserved
- Form reports cancellation
- No errors or crashes

### **Phase 3.5: Performance**

**Test:** Large dataset (100+ rows)

**Expected:**

- Progress updates regular

- No timeout errors
  - Reasonable completion time
  - Memory stable
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### Questions for User Before Test 3

1. **Test data ready?** Do you have a test dataset with:
    - Valid rows
    - Invalid rows (for error detection)
    - Rows needing auto-correction
  2. **Validation rules populated?** Are the rule tables filled in?
  3. **Expected behavior?** Any specific validation scenarios to test?
  4. **Debug setting?** Set GlobalDebugOn = "ON" for detailed Test 3 logging?
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### Next Steps

#### When ready:

1. Confirm prerequisites above
2. Set GlobalDebugOn = "ON"
3. Create Test3 module (similar to Test2)
4. Run RunFullValidationMaster
5. Review results
6. Fix any issues found

**Estimated time:** 15-30 minutes depending on data size

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**Documentation Updated:** Master Documentation v2.3 created with all Test 1 & 2 results