Table of Contents

1. Introduction ........................................................................................................ 4
2. Acceptable File Extensions ................................................................................ 4
3. Zipped Files ........................................................................................................ 4
4. Sessions ................................................................................................................ 6
5. Wage File Criteria ............................................................................................... 6
6. AccuWage User Profile ....................................................................................... 6
7. Using AccuWage Online with Assistive Devices .............................................. 6
8. Browser Recommendations .................................................................................. 6
9. Starting the Application ....................................................................................... 7
10. AccuWage Online Home Page .......................................................................... 8
11. Test Results Page ................................................................................................ 9
12. Starting the Test .................................................................................................. 11
13. File Upload .......................................................................................................... 12
14. Validation in Progress ....................................................................................... 13
15. Completed Tests ................................................................................................ 14
16. Keyboard Shortcuts ........................................................................................... 18
17. Return to EWR Home Acknowledgement ......................................................... 18
18. View/Print HTML Test Report .......................................................................... 19
19. Correcting Issues ............................................................................................... 21
20. Exiting AccuWage Online ................................................................................. 21
21. System Error ....................................................................................................... 22
22. Troubleshooting .................................................................................................. 22
23. Glossary of Terms ............................................................................................ 23
List of Figures

Figure 1: Error Your Unzipped file is too large ................................................................. 5
Figure 2: Error Your Session has timed out ...................................................................... 5
Figure 3: Electronic Wage Reporting (EWR) Home Page ............................................. 7
Figure 4: AccuWage Online Home Page .......................................................................... 8
Figure 5: Test Results Screen .......................................................................................... 9
Figure 6: Issue Level Descriptions .................................................................................. 10
Figure 7: File Dialog box – Choosing the Wage File to Test ......................................... 11
Figure 8: File Upload is in Process .................................................................................. 12
Figure 9: Validation in Progress ....................................................................................... 13
Figure 10: Completed Test- no issues found .................................................................... 14
Figure 11: Completed Test- Critical .................................................................................. 15
Figure 12: Completed Test - Error, Alert or Informational ............................................... 16
Figure 13: Completed Test - Maximum Number of Issues ............................................. 17
Figure 14: Return to EWR Home Acknowledgement ...................................................... 18
Figure 15: Test Report ...................................................................................................... 19
Figure 16: Test Report screen – print options ................................................................ 20
Figure 17: Test Failed due to an unexpected system error ............................................ 22
1. **Introduction**

AccuWage Online enables Annual Wage Report (AWR) submitters to test the accuracy of their wage files prior to sending them to the Social Security Administration (SSA) for processing. AccuWage Online checks both W-2 and W-2C wage files to ensure they comply with Publication 42-007: Specifications for Filing Forms W-2 Electronically (EFW2) or Publication 42-014: Specifications for Filing Forms W-2C Electronically (EFW2C). AccuWage Online generates a Test Report listing all issues found in the wage file. Wage files cannot be edited using AccuWage Online. The submitter can create a new EFW2/EFW2C file or correct the existing EFW2/EFW2C file that generated the issues. The wage file can be repeatedly retested until all issues are corrected.

**IMPORTANT:** AccuWage Online identifies many, but not all, wage file issues. For example, AccuWage Online does not verify names and Social Security Numbers (SSNs). The likelihood of submission rejection, though not eliminated, is greatly reduced when using this application.

2. **Acceptable File Extensions**

Wage files must be plain text (.txt) or plain text zipped (.zip) format.

AccuWage Online does **NOT** accept the following file extensions:

- .pdf, .bin, .lib, .exe, .dll

If your file is in one of the formats that listed above please convert it to plain text before attempting to test it through the application. Remember to zip your file for optimal performance.

3. **Zipped Files**

3.1 SSA strongly recommends that all wage file submitters zip their files before running them through AccuWage Online to reduce the risk of session timeout and incomplete testing. Your testing experience will take considerably less time if you zip your file. For instructions on how to zip your file, please see the FAQ.

3.2 If you upload a large unzipped file (more than 100MB or 100000 KB), you will receive the following alert.

- If you select Yes – upload and testing continues
- If you select No – returns User to the AccuWage Online home page
Figure 1: Error Your Unzipped file is too large.

If you select **Yes** – upload and testing continues and you may get the following error if your file is large and causes time out.

Figure 2: Error Your Session has timed out.
4. **Sessions**
AccuWage Online can only test one file per session. A session occurs each time a file is tested through AccuWage Online. If AccuWage Online is already open in a browser window, opening another window with AccuWage Online will not start a new session. If the file validation is in progress on the first window, if you try to upload another file through a second window simultaneously, AccuWage Online will display an error message and disable the ‘Start Testing’ button on the second window. In order to test the second file, please wait until the first file processing is complete. We do not recommend having more than one window open on your browser with AccuWage Online at a time.

5. **Wage File Criteria**
Wage files must be in the EFW2/EFW2C format. If you need assistance with this, please see [https://www.ssa.gov/employer/EFW2&EFW2C.htm](https://www.ssa.gov/employer/EFW2&EFW2C.htm)

6. **AccuWage User Profile**
In order to use AccuWage Online to test your wage files, you must have a valid Business Services Online (BSO) username and password with the employer services profile. For instructions on registering for a BSO username and password, please see the [FAQ](#).

7. **Using AccuWage Online with Assistive Devices**
Section 508 of the Rehabilitation Act requires Federal agencies to make their electronic and information technology accessible to people with disabilities. SSA recommends that people using assistive devices and keyboard–only users navigate the AccuWage Online application using the keyboard shortcuts rather than command buttons.

8. **Browser Recommendations**
SSA recommends the following browsers for optimal testing experience:
- Internet Explorer 10 or above
- Chrome
- Firefox
9. Starting the Application

AccuWage Online can be accessed by logging on at Business Services Online (BSO) https://www.ssa.gov/employer/ and going to the Employer Wage Reporting (EWR) home page. You will need to log in with your BSO username and password. Once you are on the Employer Wage Reporting home page, AccuWage Online is the fourth tab as shown below. Select the AccuWage Online link to go to the AccuWage Online Homepage.

![AccuWage Online Link]

**Figure 3: Electronic Wage Reporting (EWR) Home Page**
10. **AccuWage Online Home Page**

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**Select Submission Type**: Select the Submission Type (W-2 or W-2c) of the file you wish to test, and then click the ‘Start Testing’ button in the bottom left hand corner of the application. The ‘Start Testing’ button will be disabled until the selection of Submission Type has been made.

**Return to EWR Home**: This button will take the user to an acknowledgement pop up which reminds the user they are leaving their AccuWage Online session and returning to the EWR Home page.

**AccuWage Online Help Guide**: This link will open the PDF version of the AccuWage Online Help Guide.

**EFW2-EFW2C Specifications**: This link will take the user to the EFW2-EFW2C Specifications guides.

**AccuWage Online FAQ**: This link will open the PDF version of the AccuWage Online FAQ document.

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11. Test Results Page

**File Status:** When the Test Results page appears, the message displaying the status of the file will also display. Most times, it will display as “File has run 100% Complete” to show that the entire file was tested. If a critical issue is found, it will display as “Testing failed due to Critical Error on Record #” to show that the file stopped processing due to a critical issue and the entire file was not tested.

**Records:** The top portion of the Test Results page will display how many records have been tested and how many of those records have issues. It contains the following columns:
- Records - displays number of record that have an issue(s)
- Issues - displays the numbers of issues in that record
- Record Data - displays the data in the record

**Issue(s) for Selected Record:** The bottom portion of the Test Results page will display the detailed information for the record selected. It contains the following columns:
- Level - displays which type of issue is present
- Reference - displays the field name
- User Entry - display the field data found on the record
- Description - displays the detailed message for the issues found

**Test Another File:** This button will return the user to the AccuWage Online Home page to test another file.

**View/Print Test Report:** The user is able to click this button and the Test Report will be displayed. The report will list all issues per record.

**Issue Level Descriptions:** This link will display a pop up that will list each issue level with its description.

![Figure 6: Issue Level Descriptions](image)

**Filter record(s) by level:** There are four different issue levels a wage file may contain. After a wage file is tested, if any issues were found, the issues found will be checked along with the count of each issue level. The default filter displays all four issue levels, however, simply unchecking particular categories will remove it from the Issues for Selected Record section. It does not remove the issue from the file. The filter shows all issues for the entire wage file, not by record. For record-level information, select the particular record under the ‘Record Data’ column for which you would like to see more detail.
12. **Starting the Test**

1) Select either W-2 (Regulars) or W-2C (Corrections) depending on which type of wage file is being tested.
2) Click the ‘Start Testing’ button in the lower left hand corner of the Home page.
3) The ‘Choose File to Upload’ dialog box will appear.
4) Locate the folder/directory where the wage file is stored.
5) Double click the wage file when it appears.
6) Click the ‘Open’ button or click the file name to open the wage file.

![Figure 7: File Dialog box – Choosing the Wage File to Test](image-url)
13. **File Upload**

**Figure 8: File Upload is in Process**

After the wage file has been selected in the ‘Choose File to Upload’ dialog box, the wage file will be uploaded to AccuWage Online for testing.
14. **Validation in Progress**

![AccuWage Online](image)

**Figure 9: Validation in Progress**

After the wage file has been uploaded to AccuWage Online, the application will begin validating the wage file. The percent validated will display as shown above.
15. **Completed Tests**

15.1 If the submitted wage file is 100% correct, the Test Report page will display stating there were no issues found.

![Test Report](image)

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**Figure 10:** Completed Test - no issues found
15.2 If the submitted wage file contains a critical issue, the Test Results page will display stating testing stopped due to a critical error.

Figure 11: Completed Test- Critical
15.3 If the submitted wage file contains any other issue levels (Error, Alert or Informational), the Test Results page will display stating testing was 100% complete.

Figure 12: Completed Test - Error, Alert or Informational
15.4 If the submitted file contains over 500 total issues (Error, Alert or Informational), the Test Results page will display stating the maximum number of issues were encountered. AccuWage Online stops testing the wage file when 500 issues have been found. Please fix the issues and re-run the wage file.
16. **Keyboard Shortcuts**

Below is a list of the keyboard shortcuts per browser:

<table>
<thead>
<tr>
<th>Control</th>
<th>Internet Explorer</th>
<th>FireFox</th>
<th>Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-2 (Regulars) Radio Button</td>
<td>ALT + W</td>
<td>ALT + SHIFT + W</td>
<td>ALT + W</td>
</tr>
<tr>
<td>W-2C (Corrections) Radio Button</td>
<td>ALT + C</td>
<td>ALT + SHIFT + C</td>
<td>ALT + C</td>
</tr>
<tr>
<td>Start Testing</td>
<td>ALT + N</td>
<td>ALT + SHIFT + N</td>
<td>ALT + N</td>
</tr>
<tr>
<td>Test Another File</td>
<td>ALT + L</td>
<td>ALT + SHIFT + L</td>
<td>ALT + L</td>
</tr>
<tr>
<td>View Tested Results</td>
<td>ALT + R</td>
<td>ALT + SHIFT + R</td>
<td>ALT + R</td>
</tr>
<tr>
<td>View/Print Test Report</td>
<td>ALT + P</td>
<td>ALT + SHIFT + P</td>
<td>ALT + P</td>
</tr>
<tr>
<td>Return to EWR</td>
<td>ALT + U</td>
<td>ALT + SHIFT + U</td>
<td>ALT + U</td>
</tr>
<tr>
<td>OK</td>
<td>ALT + O</td>
<td>ALT + SHIFT + O</td>
<td>ALT + O</td>
</tr>
<tr>
<td>Cancel</td>
<td>ALT + C</td>
<td>ALT + SHIFT + C</td>
<td>ALT + C</td>
</tr>
</tbody>
</table>

17. **Return to EWR Home Acknowledgement**

![Figure 14: Return to EWR Home Acknowledgement](image)

The user must check the “I Agree” box before the “OK” button is enabled. This message acknowledges that the user has reviewed all the levels of issues found by AccuWage Online and they have completed all changes to their wage file. The user is ready to connect to the Business Services Online website to upload their wage file.
18. **View/Print HTML Test Report**

The Test Report can be viewed, printed or saved. The Test Report includes:
- File Status message
- Number of records tested
- Number of records with issues
- Total number of issues found
- Name and path of wage file being tested
- Date test was performed
- Record number
- Issue number
- Level
- Name of field containing errors (Reference)
- Data in field containing errors (User Entry)
- Complete error description

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### Social Security

The Official Website of the U.S. Social Security Administration

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### AccuWage Online

**Important:** You still need to upload and submit your Formatted Wage File after testing it through AccuWage Online. Note: Results displayed will always be from the most recent file tested.

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### Test Report

**Testing Completed 100%. There were issues found.**

- **41 Record(s) tested**
- **23 Record(s) with issues**
- **110 Issue(s) found**

- **Generated from:** W2_ErrorAlertinfo_Test_Wage file with Error, Informational, and Alert type issues only (under 500 total issues).txt
- **Generated on:** 05/22/2019

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#### Record number: 1
**RA (Submitter) Record**
**EIN:** 150330041

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Level</th>
<th>Reference</th>
<th>User Entry</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INFO</td>
<td>Resub Indicator [Position 26]</td>
<td></td>
<td>This field must only contain valid codes: 1 = File being resubmitted or 0 = File was not resubmitted.</td>
</tr>
</tbody>
</table>

---

#### Record number: 2
**RE (Employer) Record**
**EIN:** 150330141

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Level</th>
<th>Reference</th>
<th>User Entry</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ALERT</td>
<td>Tax Year [Position 3-5]</td>
<td>2019</td>
<td>The data entered is for a previous tax year. Please check that the earnings are for the year being reported.</td>
</tr>
</tbody>
</table>

---

#### Record number: 3
**RW (Employee) Record**
**SSN:** 529658805

---

*Figure 15: Test Report*
18.1 Print the HTML Test Report

There are two ways to print the Test Report:
1. Select the Print link. A window will appear asking what pages you want to print.
2. Use the print feature in your browser.

Figure 16: Test Report screen – print options
18.2 Saving the HTML Test Report
To save the Test Report:
  1) Go to Tools located under the browser menu, select File then Save As from the drop down menu.
  2) Enter the file name and select the file destination.
  3) Click “Save” and you should have saved the Test Report to the desired location.

19. Correcting Issues
AccuWage Online only tests wage files and cannot be used to update or modify the original wage file. You must make corrections to the original file.

19.1 Suggested Steps for Correcting Issues Caused by Missing or Incorrect Data

  1) View issue messages in the Issue(s) for Selected Record Detail list or View/Print HTML Test Report.
  2) Determine which fields need to be changed.
  3) Access the original file to correct the original data.
  4) Test again with AccuWage Online using the amended file.

19.2 Suggested Steps for Correcting Critical Issues

Critical issues immediately terminate testing and must be corrected before continuing. They are shown in the File Status display located at the top of the Test Results page. Critical issues can be corrected by following the steps described in the Suggested Steps for Correcting Issues Caused by Missing or Incorrect Data section above.

20. Exiting AccuWage Online
There are two options for exiting AccuWage Online listed below. After you have closed AccuWage Online all data is erased. AccuWage Online does not store any data.

  • Click the ‘Return To EWR’ button located at the bottom of the webpage. This will return you to the Employer Wage Reporting webpage.
  • Click the ‘Sign Out’ button located at the top right hand side of the webpage. This will end the entire Employer Wage Reporting Session.
21. **System Error**

![System Error Message](image)

**Figure 17: Test Failed due to an unexpected system error**

This message will appear if there is an unexpected system error.

22. **Troubleshooting**

For issues related to file uploads, browsers, files extensions, etc., please refer to the FAQ. If you still cannot resolve your issue, please contact the AccuWage Help Mailbox.
23. **Glossary of Terms**

**AccuWage Online**

The name of the application used to test EFW2 and EFW2C wage files.

**Agent**

An organization authorized to submit wage and tax files for one or more employers.

**Alert**

An issue type received on the Test Results screen that will not stop processing. It is highly recommended that each Alert is reviewed and corrected, if appropriate, before proceeding to the Business Services Online (BSO) webpage to upload the file.

**AWR**

Annual Wage Reporting. The process by which employers report the earnings and taxes of their employees.

**BSO**

Business Services Online. An online service for employers to submit wage data directly to SSA using a PC with an Internet connection.

**Character**

A letter, number or punctuation symbol.

**Critical**

An issue type received on the Test Results screen caused by an incorrectly formatted record sequence, record length or over the error limit that causes AccuWage to immediately stop testing a wage file. You must correct this issue type before continuing to use AccuWage.

**Error**

An issue type received on the Test Results screen that will not stop processing of the wage file, however, it is mandatory to fix this issue before proceeding to the Business Services Online (BSO) webpage to upload the file.

**EFW2**

A publication distributed by SSA containing specifications for the Electronic Filing of W-2 information.

**EFW2C**

A publication distributed by SSA containing specifications for the Electronic Filing of W-2c Information.

**HTML**


**Informational**

An issue type received on the Test Results screen that will not stop processing of the wage file. It is highly recommended that each informational issue is reviewed and corrected, if
appropriate, before proceeding to the Business Services Online (BSO) webpage to upload the file.

**Internet**
An international network of public or private networks that can be used by employers or submitters to use AccuWage Online application.

**SSA**
The Social Security Administration.

**SSN**
Social Security Number. A nine-digit number assigned by SSA.

**Submitter**
A person, organization or reporting agent submitting wage files to SSA.

**Wage File**
Wage data in the EFW2/EFW2C format that begins with an RA/RCA (Submitter) Record and ends with an RF/RCF (Final) Record.