

## Research and Development Article 3F Credits - NC-478I

Article 3F provides a credit for qualified North Carolina research and development expenses that is available to all taxpayers regardless of business type. Taxpayers claiming Article 3F credits must meet the following general eligibility requirements:

- Meet the wage standard
- Provide health insurance for employees
- Have a good environmental record
- Have a good Occupational Safety and Health Act (OSHA) record
- Have no overdue tax debts with the State

Article 3F credits are not taken in installments but must be taken in the year expenses are incurred. Any unused portion of the credit may be carried forward for fifteen succeeding years.

**Qualified North Carolina Research Expenses.** A taxpayer that has qualified North Carolina research expenses is allowed a credit equal to a percentage of expenses, determined as provided below:

- small business - 3.25%
- low-tier research - 3.25%
- university research - 20%
- eco-industrial park - 35%
- other expenses (dependent upon level of expenses) - 1.25% to 3.25% .

**Important.** Only one credit is allowed with respect to the same expenses incurred. If more than one category applies to the same expenses, then the credit equals the higher percentage, not both percentages combined.

The following instructions for completing Part 1 through Part 6 of NC-478I apply to individuals, S corporations claiming the credit against franchise tax, and C corporations. Partnerships, S corporations claiming the credit against income tax, and other pass-through entities, see the specific instructions for pass-through entities located after the instructions for Part 6.

**Part 1. Qualifying Information.** *(The information requested for Part 1 is for a single establishment at which qualified research expenses occurred in North Carolina during tax year 2015. If you had qualified research expenses at more than one establishment in 2015, complete a separate NC-478I for each establishment.)*

**Type of Research Expenses.** Fill in all applicable circles related to the type of research expenses incurred in North Carolina.

**Name, Address and County at which Credit is Generated.** Enter the name, address, and county of each location where research expenses were incurred in North Carolina.

**Other Business Information.** Taxpayers must provide health insurance for all full-time positions at each location where research expenses were incurred in North Carolina. The insurance must be provided to the employees at the time the research expenses were incurred and must be maintained every year the credit or a carryforward of the credit is claimed. Taxpayers must provide with the tax return certification that health insurance is provided to all full-time positions at the location where the activity occurred.

**Part 2. Computation of Credit for Research Performed in an Eco-Industrial Park.** *(The information requested for Part 2, Lines*

*1 and 2, is the cumulative total of all qualified research expenses during tax year 2015 and will be the same on all NC-478Is filed. Note. If you complete Part 2, do not complete Parts 3, 4 or 5 of NC-478I for the same qualified expenses.)*

**Line 1.** Enter the total amount of research expenses performed in an eco-industrial park.

**Line 2.** Multiply Line 1 by 35.0%. **This is the amount of credit for research performed in an eco-industrial park.**

**Part 3. Computation of Credit for North Carolina University Research Expenses.** *(The information requested for Part 3, Lines 3 and 4, is the cumulative total of all qualified research expenses during tax year 2015 and will be the same on all NC-478Is filed. Note. If you complete Part 3, do not complete Parts 2, 4 or 5 of NC-478I for the same qualified expenses.)*

**Line 3.** Enter the total amount of North Carolina university research expenses.

**Line 4.** Multiply Line 3 by 20.0%. **This is the amount of credit for North Carolina university research expenses.**

**Part 4. Computation of Credit for Qualified North Carolina Small Business Research Expenses.** *(The information requested for Part 4, Lines 5 and 6, is the cumulative total of all qualified research expenses during tax year 2015 and will be the same on all NC-478Is filed. Note. If you complete Part 4, do not complete Parts 2, 3 or 5 of NC-478I for the same qualified expenses.)*

**Line 5.** Enter the total amount of qualified North Carolina small business research expenses.

**Line 6.** Multiply Line 5 by 3.25%. **This is the amount of credit for qualified North Carolina small business research expenses.**

**Part 5. Computation of Credit for Qualified North Carolina Low-Tier and Other Research Expenses.** *(The information requested for Part 5, Lines 7 through 12, is the cumulative total of all qualified research expenses during tax year 2015 and will be the same on all NC-478Is filed. Note. If you complete Part 5, do not complete Parts 2, 3 or 4 of NC-478I for the same qualified expenses.)*

**Line 7.** Enter the total amount of qualified North Carolina low-tier and other research expenses not included in Parts 2 through 4.

**Line 8.** Enter the total amount of qualified North Carolina low-tier research expenses.

**Line 9.** Multiply Line 8 by 3.25%. **This is the amount of credit for qualified North Carolina low-tier research expenses.**

**Line 10.** Subtract Line 8 from Line 7. This is the total amount of qualified North Carolina other research expenses.

**Line 11.** Multiply Line 10 by the following percentages and add the amounts:

- Multiply the first \$50 million by 1.25%
- Multiply the amount over \$50 million but no more than \$200 million by 2.25%

- Multiply the amount over \$200 million by 3.25%

**This is the amount of credit for qualified North Carolina other research expenses.**

**Line 12.** Add Lines 9 and 11. **This is the amount of credit for qualified North Carolina low-tier and other research expenses.**

**Part 6. Computation of Credit To Be Taken in 2015.** *(The information requested for Part 6, Lines 13 through 15, is the cumulative total of all qualified research expenses during tax year 2015 and will be the same on all NC-478s filed.)*

**Line 13.** Enter the amount of credit for North Carolina research and development. *(From Lines 2, 4, 6, and 12)*

**Line 14.** Enter the portion of credit not taken from previous years.

**Line 15.** Add Lines 13 and 14. **This is the amount of credit to take in 2015 for Research and Development.** *(Carry amount to Line 4 of NC-478)*

**Pass-through Entities. S corporations claiming the credit against income tax** complete Parts 1 through 5 as one taxpayer, then allocate the amount from Part 2, Line 2, Part 3, Line 4, Part 4, Line 6 and Part 5, Line 12 among the shareholders. Complete Part 6 by including the amounts allocated to those nonresident shareholders on whose behalf a composite return is being filed. **Partnerships** complete Parts 1 through 5 as one taxpayer, then allocate the amount from Part 2, Line 2, Part 3, Line 4, Part 4, Line 6 and Part 5, Line 12 among the partners. Complete Part 6 by including the amounts allocated to those nonresident partners on whose behalf the managing partner pays the tax. **Estates and Trusts** complete Parts 1 through 5 as one taxpayer, then allocate the amount from Part 2, Line 2, Part 3, Line 4, Part 4, Line 6 and Part 5, Line 12 among the fiduciary and the beneficiaries. Complete Part 6 by including only the amount allocated to the fiduciary.