W-9

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and

2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and

3. I am a U.S. citizen or other U.S. person (defined below); and

4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

W-8BEN

Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. I further certify under penalties of perjury that:

I am the individual that is the beneficial owner (or am authorized to sign for the individual that is the beneficial owner) of all the income to which this form relates or am using this form to document myself as an individual that is an owner or account holder of a foreign financial institution,

- The person named on line 1 of this form is not a U.S. person,
- The income to which this form relates is:

  (a) not effectively connected with the conduct of a trade or business in the United States, (b) effectively connected but is not subject to tax under an applicable income tax treaty, or (c) the partner's share of a partnership's effectively connected income.

- The person named on line 1 of this form is a resident of the treaty country listed on line 9 of the form (if any) within the meaning of the income tax treaty between the United States and that country, and
- For broker transactions or barter exchanges, the beneficial owner is an exempt foreign person as defined in the instructions.

Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the income of which I am the beneficial owner or any withholding agent that can disburse or make payments of the income of which I am the beneficial owner.

I agree that I will submit a new form within 30 days if any certification made on this form becomes incorrect.

W-8BENE

Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. I further certify under penalties of perjury that:

• The entity identified on line 1 of this form is the beneficial owner of all the income to which this form relates, is using this form to certify its status for chapter 4 purposes, or is a merchant submitting this form for purposes of section 6050W,

• The entity identified on line 1 of this form is not a U.S. person,

• The income to which this form relates is: (a) not effectively connected with the conduct of a trade or business in the United States, (b) effectively connected but is not subject to tax under an income tax treaty, or (c) the partner's share of a partnership's effectively connected income, and

• For broker transactions or barter exchanges, the beneficial owner is an exempt foreign person as defined in the instructions.

Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the income of which the entity on line 1 is the beneficial owner or any withholding agent that can disburse or make payments of the income of which the entity on line 1 is the beneficial owner.

I agree that I will submit a new form within 30 days if any certification on this form becomes incorrect.

W-8BENECI

Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. I further certify under penalties of perjury that:

• I am the beneficial owner (or I am authorized to sign for the beneficial owner) of all the payments to which this form relates,

• The amounts for which this certification is provided are effectively connected with the conduct of a trade or business in the United States,

• The income for which this form was provided is includible in my gross income (or the beneficial owner's gross income) for the taxable year, **and**

• The beneficial owner is not a U.S. person.

Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the payments of which I am the beneficial owner or any withholding agent that can disburse or make payments of the amounts of which I am the beneficial owner.

I agree that I will submit a new form within 30 days if any certification made on this form becomes incorrect.

W-8BENEXP

Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. I further certify under penalties of perjury that:

• The organization for which I am signing is the beneficial owner of the income and other payments to which this form relates,
• The beneficial owner is not a U.S. person,

• For a beneficial owner that is a controlled entity of a foreign sovereign (other than a central bank of issue wholly owned by a foreign sovereign), the beneficial owner is not engaged in commercial activities within or outside the United States, **and**

• For a beneficial owner that is a central bank of issue wholly owned by a foreign sovereign, the beneficial owner is not engaged in commercial activities within the United States.

Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the payments of which I am the beneficial owner or any withholding agent that can disburse or make payments of the amounts of which I am the beneficial owner.

I agree that I will submit a new form within 30 days if any certification made on this form becomes incorrect.

W-8BENIMY

Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the income for which I am providing this form or any withholding agent that can disburse or make payments of the amounts for which I am providing this form.

I agree that I will submit a new form within 30 days if any certification made on this form becomes incorrect.