

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 136: Exhaust Systems Specialist (X1)**  
**Matching Quiz**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Matching: Choose the item in column 2 that best matches each item in column 1.**

- |                        |  |           |
|------------------------|--|-----------|
| 1. Backpressure        | A. An arc welding process that uses a continuous solid wire electrode.                           | 1. _____  |
| 2. Catalytic Converter | B. Connected in the exhaust stream before the muffler to help quiet the sound of combustion.     | 2. _____  |
| 3. Muffler             | C. When the flame goes out with a loud snap or pop during torch operation.                       | 3. _____  |
| 4. Tailpipe            | D. A flame, generally used for welding, that burns about one part oxygen to one part acetylene.  | 4. _____  |
| 5. Hangers             | E. The resistance to exhaust gas flow in the system.   | 5. _____  |
| 6. Heat Shields        | F. Used to protect the underbody of a vehicle from excessive heat created by the exhaust system. | 6. _____  |
| 7. MIG Welding         | G. The last pipe in the exhaust system which carries fumes out from under the vehicle.           | 7. _____  |
| 8. Backfire            | H. Devices, such as O-rings or fabric, that attach to brackets to support the exhaust system.    | 8. _____  |
| 9. Neutral Flame       | I. Converts harmful exhaust emissions into non-harmful compounds.                                | 9. _____  |
| 10. Resonator          | J. Used in the exhaust stream to help quiet the sound of engine combustion.                      | 10. _____ |

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**Answer Key**

**Answer Key:**

1. E
2. I
3. J
4. G
5. H
6. F
7. A
8. C
9. D
10. B