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|  | **SOP**  **Flame Arrestor Installation** | |  | | --- | | Procedure No:  PC-007 | | Revised By/Date  Brian Phetteplace 3/29/23 | | Reviewed By/Date  Alex Garay 3/30/23 | | Approved By/Date  Melissa Esparza | |

1. **SCOPE**

This procedure provides Operations with a safe and consistent manner to provide a step-by-step guide to describe the correct procedure for the Flame Arrestor Installation.

This procedure ensures safety and proper functionality of the installation.

This guideline applies to all Platinum Control employees working at all facilities owned and/or operated by Celerity Energy.

1. **REQUIREMENTS**

Standard Personal Protective Equipment (PPE)

• Gloves

• H2s Monitor

• Safety glasses

• FR Clothing

• Steel toe boots

• Goggles

1. **APPLICABLE DOCUMENTS**

PEC CARD, H2s CLEAR, Company & Customer Orientation

1. **SAFETY AND ENVIROMENT**

• JSA

• LOTO

• Fire Extinguisher

1. **PROCEDURE**

5.1 - Receive the heater treater flame arrestor package from Flame Co and ensure that all components are accounted for.

* 1. - Identify the location where the flame arrestor will be installed. This should be in a position that allows for easy access and ensures efficient operation of the heater treater.

5.3 - Ensure that the installation meets all relevant safety guidelines and local regulations. Familiarize yourself with any permits or approvals that may be required.

5.4 - Install the flame arrestor, ensuring that it is level and securely fastened using a fork truck or some other means to ensure personnel safety of not only you but everyone around you.

5.5 - Connect the flame arrestor to the heater treater using the appropriate Bolts, Nuts and Washers. Ensure that all connections are tight and secure.

5.6 - Check all connections for leaks i.e.: air gaps or and warping that may have occurred during shipping/ installation and make any necessary adjustments.

5.7 - Test the installation to ensure that the flame arrestor is functioning correctly and is effectively preventing any flames or sparks from passing into the environment.

5.8 - Conduct a final safety inspection and sign off on the installation. Provide any necessary documentation to the relevant authorities or safety officers.

1. **CONCLUSION**

6.1 - By following these steps, the Flame Arrestor Installation can be successfully installed and ensuring the safety of the personnel and proper functioning of the equipment.

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