

**PIPELINE ABANDONMENT/
INACTIVATION****DOT PLANT PIPELINE PROCEDURE**

1.0 Purpose:

To provide a standard for purging and the abandonment or inactivation of DOT pipelines for ESI.

2.0 Scope:

This procedure is established to provide a standard Abandonment/Inactivation of DOT regulated pipelines owned or operated by ESI.

3.0 References:

DOT Regulation 49 CFR 192.629, 192.727, 195.402
ESI Safety Procedure 1.25 Process Equipment Opening/Commissioning, Removal for Repair and Bleeder Plugging Procedure

4.0 Definitions:

- 4.1 Abandonment - for the purpose of this procedure shall refer to the disconnection of a DOT pipeline from all sources with the intent of never using the line in the future.
- 4.2 Inactivation - for the purpose of this procedure shall refer to the disconnection of a DOT pipeline from all sources with the intent that the pipeline could be used in the future.

Approved: _____ **Signature on File** _____ **Date:** _____
Manager Safety, Health, and Environmental

Approved: _____ **Signature on File** _____ **Date:** _____
Environmental Manager

5.0 Responsibilities:

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It shall be the responsibilities of an ESI employee who has been trained in this procedure to strictly adhere to its provisions.

- 5.1 Project/Technology Engineer - shall scope the project and designate the abandonment/inactivation of DOT pipelines in accordance with this procedure.
- 5.2 Maintenance Supervisor - shall have the responsibility of :
 - 5.2.1 The supervision of maintenance personnel/contract personnel in accordance with DOT regulations and the requirements of this procedure.
 - 5.2.2 Transfer all inspections and documentation pertaining to the DOT pipeline to the DOT Coordinator.
 - 5.2.3 Shall be responsible for updating maintenance files including P & ID's.
- 5.3 DOT Coordinator - shall maintain a file on all DOT pipelines for abandonment/inactivation.

6.0 Procedure:

- 6.1 Plan:
 - 6.1.1 A plan shall be developed in accordance with the complex PSM procedure prior to removing any pipelines from service. The Project/Technology Engineering Department of the unit involved, shall have the DOT Coordinator review the work plan to include:
 - 6.1.1.1 Pipeline identification/labeling (field labels and P&ID updates).
 - 6.1.1.2 Identification and labeling of blinds (flanges) and isolation points.
 - 6.1.1.3 Method of purging.

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6.1.1.4 Fill material.

6.1.1.5 Method of sealing the pipeline ends.

6.1.2 The Project/Technology Engineering Department shall institute the plan with the qualified DOT maintenance/contractor personnel:

6.1.2.1 Purge all gas/liquid from the pipeline.

6.1.2.2 Blind or disconnect all sources.

6.1.2.3 Fill with water or inert gas.

6.1.2.4 Close block valves and blinds.

NOTE

6.2 **ALL VALVES MUST BE LOCKED AND LABELED** DOT