

Irrigation Water Conveyance/ Steel Pipeline

PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 430FF



DEFINITION

Irrigation Water Conveyance is a pipeline and appurtenances installed as an integral part of an irrigation system.

PRACTICE INFORMATION

The purpose of the practice is to reduce erosion, conserve water, and protect water quality. Irrigation pipelines serve as an integral part of the irrigation water distribution system, and significantly improve the overall efficiency of the system.

Steel underground or above ground pipelines are acceptable for irrigation water conveyance. However, several restrictions apply to use of steel irrigation pipe. The pipe must be coated if it is buried and it must

be mounted on supports if above ground installations are used. Because of the restrictions placed on steel irrigation pipe, other types of material are generally more cost effective.

These pipelines may have vents open to the atmosphere, or sealed pressure-relief valves and/or air-and-vacuum-relief valves to properly vent the system.

This practice requires proper design and installation to function properly.

Additional information including design criteria and specifications are in the local NRCS Field Office Technical Guide.