

RE: Review of Armtec 20-10 Cast Iron Slide Gate

PRODUCT

The Armtec 20-10 Cast Iron Slide Gate is manufactured and distributed by Armtec Limited Partnership located in Calgary, Alberta (Regional Office).

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Armtec 20-10 Cast Iron Slide Gate is a quality and highly economical gate for a variety of low head applications including:

- Irrigation turnout structures
- Water and wastewater treatment plants
- Storm and sanitary sewers (Deluxe Model)
- Pump stations

Product Web site: <http://www.armtec.com/en-ca/Products-and-Services/Drainage-Solutions-and-Water-Treatment/Water-Control-Products/Cast-Iron-Sluice-Gates-Medium-Duty.aspx>

DESCRIPTION

The Armtec 20-10 Cast Iron Slide Gate consists of a flat back cast iron seat, slide and cross-bar, which is attached to a galvanized steel frame and yoke. The yoke supports the lift system forming a self contained unit. Its flat back configuration makes it suitable for mounting to pipes, thimbles and concrete headwalls and manholes.

POTENTIAL USAGE

The Armtec 20-10 Cast Iron Slide Gate is used to control storm water (or waste water) in 2 directions. Typical uses include controlling water in a pond or ditch.

STANDARDS

No standards submitted.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has used water control gates in the past.

APPLICABLE STANDARDS

Alberta Transportation does not have a specification for water control gates.

RECOMMENDATIONS

List product on the Alberta Transportation Products List under Proven Products, Culverts, Gates – Proprietary.

TRIAL PROJECTS

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Lloyd Atkin
Jim Gavin