

## project brief

**TYPE OF FACILITY:**  
Mill



## HBM&S Mill

■ Flin Flon, Manitoba

In 2001, Hudson Bay Mining & Smelting Company (HBM&S) expanded their mill in Flin Flon Manitoba, adding 3 floatation cells to process minerals. This fast track project required a reliable and economical pipe joining solution that was quick and easy to install while providing the ability to work around existing pipe lines without jeopardizing schedule.

The Victaulic mechanical pipe joining system was the solution of choice to meet this challenge on piping lines ranging in size from 12 – 24"/300 – 600 mm in diameter. For process water lines, Victaulic Style 77 flexible couplings and Vic-300 MasterSeal butterfly valves were utilized. On the slurry lines, Victaulic HDPE joining products, with four bolt assembly, significantly decreased installation time versus heat fusion or butt welding. Products utilized included the Style 994 flange adapter, Style 995 coupling, and Style 997 HDPE-to-metal transition coupling.

### SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Process Water	Carbon Steel	12 – 24"/300 – 600 mm
Slurry	HDPE	12"/300 mm



**MARKET:**  
Mining

**VICTAULIC SOLUTIONS:**  
Speed of installation

**OWNER:**  
Hudson Bay Mining & Smelting Co.

**CONTRACTOR:**  
Empire Iron

**ENGINEER/CONSULTANT:**  
AMEC Engineering

**COMPLETED DATE:**  
2001



WCAS-78ALAW

