Equipment Model/Name:	Pipe Tipper
Evaluated By:	J Crawford
Evaluation Date:	16 June 2004

Definitions:

- Energy Source Type: Mechanical (Gravity, Springs, Hydraulic, Pneumatic), Electrical, Thermal, Chemical, Etc.
- Component Name: Bar Conveyor Drive, Depalleter pusher lift, FDC Drive, etc.
- Recommended Isolation: Electrical disconnect, block/chain, pneumatic/hydraulic disconnect, discharge, etc.

Energy Source Type	Component Name	Recommended Isolation
Electrical	Tipper Controls	Lockout disconnect on Main Electrical Panel
Hydraulic	Clamping Beam	Lockout disconnect on Main Electrical Panel
Hydraulic	Clamp Beam Support Arms	Lockout disconnect on Main Electrical Panel
Hydraulic	Tipper Frame	Lockout disconnect on Main Electrical Panel
Hydraulic	Unloading Rails	Lockout disconnect on Main Electrical Panel
Pneumatic	Clamping Pads	Lockout and bleed off plant air supply
Gravity	Clamping Beam	Block and/or chain clamping beam in position
Gravity	Clamp Beam Support Arms	Block and/or chain both support arms in position
Gravity	Tipper Frame	Block tipper frame in position