"Conveyor" Data Sheet

Customer ___________________________________________________________

Plant / Mine _______________________________________________________

Location __________________________________________________________

Contact ___________________________________________________________

Conveyor (name or #) ________________________________________________

Covered, Underground, or Tripper? ________________________________

Reversible ?? Min Ambient Temp (°F) ________________________________

Drive Details: Type __________________________ Horsepower, total ______

Total Wrap Angle (deg) ______ Lagging ______

Location from Head (ft) ________________

Acceleration: Time (sec) ____ or, Torque (% Nmplt) ____

Brakes ?? Torque (ft-lbs) __________________________

Pulley Diameters (in): Head ____ Tail ____ Drive ____ Snub ____

Takeup ____ TU Bends ____ “Other” (Note in Comments)

Conveyance Details: Capacity (tph) ______ Belt Speed (fpm) ______

Hrs/Day ___ Days/Yr ___ Tons/Yr ______

Material: Type ____________________________________________________

Weight (pcf) _______________________________

Max Size (in) ______ Drop to Belt (ft) ______

Temp (°F) ______ Oil ?? ______

Skirting Length (ft) ________

Transfer Angle ________ If Other (deg) ______

Transition Distances (in): Head ______ Tail ______ Tripper ______

Turnovers ??

Distances (ft): Head _____ Tail ______

Splice Type __________________________

Idlers: Type/Style __________ Roll Diam (in) ______

Degree Trough ______ Degree Return ______

Spacing (ft): Trough _____ Return _____

Belt History: Spec _____________________________________________

Problems/Failure/Service? __________________________

Comments / Concerns / Suggestions: ______________________________________

Submitted By __________________________ Date __________

4/21/07
Data Sheet Profile Instructions

This datasheet assumes that the conveyor being described can be broken up into a maximum of 4 sections, normally referred to as "flights." Each section of the conveyor has its own length and lift. Examples of how to input various conveyor profiles is shown below. **Note: A minimum of 1 flight is required to be input for this datasheet!** Also note that the carry side and the return side of the conveyor are assumed to have the same length and lift.

### Profile 1
- **Flight 1:**
  - Length (ft): 80
  - Lift (ft): 35

### Profile 2
- **Flight 1:**
  - Length (ft): 1000
  - Lift (ft): 30

### Profile 3
- **Flight 1:**
  - Length (ft): 2000
  - Lift (ft): -20

### Profile 4
- **Flight 1:**
  - Length (ft): 2000
  - Lift (ft): -20

- **Flight 2:**
  - Length (ft): 1000
  - Lift (ft): -30