

Questionnaire List of Pipe Conveyor Belt

Data Required		Curves	
Actual Pipe Dia. (mm)		Vertical Curve-Location (m, distance from tail)	
Belt Width (mm)		Type of Vertical Curve	☐ Concave ☐ Convex
Centre to Centre (m)		Vertical Curve Radius (m)	
Horizontal Length (m)		Angle of Vertical Curve (°)	
Vertical Lift (m)		Horizontal Radius (m)	
Angle of Incline (°)		Angle of Horizontal Curve (°)	
Belt Speed (m/s)		Length of Curve (m)	
Material		Idler Spacing on Curve (mm)	
Bulk Density (kg/m ³)		Take-up System	
Max. Lump Size (mm)		Location	
Tonnes per Hour (tph)		Hydraulic Pressure (MPa)	
Daily Operation Hours		Gravity	
Minimum Temp. (°C)		Take-up Pressure (kPa)	
Maximum Temp. (°C)		Weight (kgs)	
Transition Lengths (m)		Take-up Travel (m)	
Head (m)		Drive System	
Tail (m)		Number of Drive Units	
Other (m)		Motors per Drive Unit	
Pulley Diameters		Rated Power per Motor (kW)	
Head Pulley (mm)		Acceleration Time (s)	
Tail Pulley (mm)		Braking Time (s)	
Drive Pulley (mm)		Drive Pulley(s)	
Take-up Pulley (mm)		Lagged	☐ Yes ☐ No
Idlers		Angle of Wrap (°)	
Idler Type/Series		Location	
Number of Idler Rolls		Splices	
Roller Diameter(mm)		Type	☐ Mechanical ☐ Vulcanization
Carrying- side Spacing (mm)		Mechanical (size and type)	
Return Side Spacing (mm)		Vulcanization (step length)	