

Questionnaire List of EP/ST Conveyor Belt

No.	Items	Data/Information
1	Mode of transportation	☐ Grooved ☐ Parallel
2	Material	
3	Material pH and Moisture	
4	Bulk Density γ (t/m ³)	
5	Maximum Particle Size (mm)	
6	Dynamic Angle of Repose (°)	
7	Conveying Capacity Q (t/h)	
8	Belt Speed V (m/s)	
9	Belt Width B (mm)	
10	Conveyor Length (m)	
11	Conveying Inclination Angle β (°)	
12	Conveyor Horizontal Length L_n (m)	
13	Lifting Height H (Positive for Lifting, Negative for Lowering) (m) lowering)	
14	Idler Diameter (mm)	
15	Carrying Idler Spacing $L_{0'}$ (m)	
16	Carrying Idler Trough Angle (°)	
17	Return Idler Spacing $L_{0''}$ (m)	
18	Return Idler Trough Angle (°)	
19	Idler Working Conditions	☐ Clean and dry ☐ Slight dust,normal humidity ☐ Heavy dust, high humidity
20	Drive Pulley	☐ Smooth pulley, wet ☐ Smooth pulley, dry ☐ Rubber-lagged, wet ☐ Rubber-lagged, dry
21	Wrap Angle on Drive Pulley α (°)	
22	Drive Pulley Diameter (mm)	
23	Bend Pulley Diameter (mm)	
24	Tail Pulley Diameter (mm)	
25	Motor Power (kW) × Quantity	

26	Motor Arrangement (nos)	☐ Head____ ☐ Head____+Tail____ ☐ Head____+Intermediate____+Tail____ ☐ Tail____
27	Type of Take-up Device	
28	Take-up Travel(m)	
29	Ambient Temp. (℃)	
30	Max. Working Temp. (℃)	
31	Proposed Safety Factor	
32	Daily Operation Hours (h)	
33	Annual Operation Hours (h)	
34	Belt Gallery	
35	Number of Loading Points	
36	Basic Description of Route Layout(turns,transitions, etc.)	
37	Preferred Belt Type	☐ EE ☐ EP ☐ NN ☐ ST
38	Design Life Requirement (months)	
39	Project Type	☐ New Project ☐ Replacement

