

PIPE CONVEYOR QUESTIONNAIRE

Date : ¹ _____
Completed by : ² _____

Company name : ³ _____
End-user : ⁴ _____
Conveyor reference number : ⁵ _____
Project name : ⁶ _____
Project status : ⁷ ☐ First belt ☐ Replacement belt

CONVEYOR BELT DETAILS

Total belt length	: ⁸ _____ m	Belt width	: ¹³ _____ mm
Tensile strength	: ⁹ _____ N/mm	Number of plies/cords	: ¹⁴ _____
Inner cover thickness	: ¹⁰ _____ mm	Outer cover thickness	: ¹⁵ _____ mm
Cover/Belt quality	: ¹¹ _____	Belt thickness	: ¹⁶ _____ mm
Carcass material	: ¹² <input type="checkbox"/> Textile <input type="checkbox"/> Steel	Breaker type	: ¹⁷ <input type="checkbox"/> Textile <input type="checkbox"/> Steel <input type="checkbox"/> None

CONVEYOR DETAILS

Conveyor centre-distance	: ¹⁸ _____ m	Total material lift	: ²⁹ _____ m
Belt speed	: ¹⁹ _____ m/s	Max. inclination angle	: ³⁰ _____ °
Outer pipe diameter	: ²⁰ _____ mm	Capacity	: ³¹ _____ t/h
Idler spacing (carry/return)	: ²¹ _____ m / _____ m	Tensioning system type	: ³² <input type="checkbox"/> Screw system/fixed <input type="checkbox"/> Gravity take-up <input type="checkbox"/> Hydraulic <input type="checkbox"/> Spring loaded
Idler diameter (carry/return)	: ²² _____ mm / _____ mm	Available take-up length	: ³³ _____ m
Idler arrangement	: ²³ <input type="checkbox"/> 3+3 offset <input type="checkbox"/> 6 in line	Take-up weight	: ³⁴ _____ kg
Head pulley diameter	: ²⁴ _____ mm	Location tensioning system	: ³⁵ at <input type="checkbox"/> head <input type="checkbox"/> tail _____ meters from head
Tension pulley diameter	: ²⁵ _____ mm	Length of skirting boards	: ³⁶ _____ m
Tail pulley diameter	: ²⁶ _____ mm	Number and type of scrapers	: ³⁷ _____
Bend pulley diameter	: ²⁷ _____ mm	Curve radius (horizontal/vertical)	: ³⁸ _____ m / _____ m
Snub pulley diameter	: ²⁸ _____ mm		

Installed motor power per drive pulley	:	<div><div></div><div>39</div><div></div></div> kW	Contact angle per	:	<div><div></div><div>42</div><div></div></div> drive pulley ⁽¹⁾ <div><div></div><div></div><div></div></div> °	drive pulley ⁽²⁾ <div><div></div><div></div><div></div></div> °
Number of drive pulley(s)	:	<div><div></div><div>40</div><div></div></div>			drive pulley ⁽³⁾ <div><div></div><div></div><div></div></div> °	drive pulley ⁽⁴⁾ <div><div></div><div></div><div></div></div> °
Diameter of drive pulley(s)	:	<div><div></div><div>41</div><div></div></div> mm	Type of pulley lagging	:	<div><div></div><div>43</div><div></div></div> <div><div></div><div></div><div></div></div> <i>none/rubber/ceramic/other (enter your type)</i>	
Location of drive pulley(s) : <div><div></div><div>44</div><div></div></div>						
<div><div></div><div></div><div></div></div> Head	<div><div></div><div></div><div></div></div> Dual head	<div><div></div><div></div><div></div></div> Tail	<div><div></div><div></div><div></div></div> Dual tail	<div><div></div><div></div><div></div></div> Head and tail	<div><div></div><div></div><div></div></div> Dual head and tail	<div><div></div><div></div><div></div></div> Other: <div><div></div><div></div><div></div></div>
Start-up condition : <div><div></div><div>45</div><div></div></div>						
<div><div></div><div></div><div></div></div> Direct drive	<div><div></div><div></div><div></div></div> Hydraulic coupling	<div><div></div><div></div><div></div></div> Electronic soft-start				

Type of material	:	<div><div></div><div></div><div></div><div></div></div>			
Properties	:	<div><div></div><div></div><div></div><div></div></div> Oil	<div><div></div><div></div><div></div><div></div></div> Sharp	<div><div></div><div></div><div></div><div></div></div> Acidic	
		<div><div></div><div></div><div></div><div></div></div> Other: _____			
Density	:	<div><div></div><div></div><div></div><div></div></div> t/m³	Lump size	:	<div><div></div><div></div><div></div><div></div></div> mm
Fall height	:	<div><div></div><div></div><div></div><div></div></div> m	Material temperature (average/maximum)	:	<div><div></div><div></div><div></div><div></div></div> °C / °C

Location : ⁵² ☒ Outdoor ☐ Indoor ☐ Underground ☐ Covered ☐ (Partly) Open

Ambient temperature (min/max) : ⁵³ °C / °C

Please provide a sketch of the conveyor with basic dimensions (side view and top view) or other relevant remarks below.

A full-page sheet of white graph paper with a light gray grid. The grid consists of small squares, approximately 10 units wide by 10 units high, forming a larger square area. There are no margins or additional markings on the page.