

element

Mill Lining Questionnaire

Customer:	Phone:			
Type of material/ore:	Email:			
Application	Date:			
1. Mill Parameters				
Dimensions inside the mill	Diameter, [m]	Length, [m]		
Mill Drive Power [kWt]	Capacity [tph]	Max Temperature Inside The Mill [°C]		
	Type Of Mill			
Autogenous Grinding Semi-Autoge Mill (AG) Grinding Mill (Rod Mill Multi-Section Mill* (RM)		
Stage Of Grinding	Process Dire	Direction Of Rotation		
O O O O O Wet	O Clockwi	ise Counter- clockwise		
Detation around	RPM	% of critical speed		
Rotation speed Constant	Variable			
2. Grinding Media				
Тур	е	Material		
O O O O O O O O O O O O O O O O O O O	Rods Pebbles Special	Steel Cast Iron Ceramics		
Media Size, [mm]	Volume Of Grinding Media Inside The Mill, [%]	Total Load Volume, [%]		
3. Feed Material				
Mineral Composition Silicium C	Concentration, Ore Toughness, [%] [f]	Bond's Working Index, [kWt*h/t]		
Slurry density, [kg/m³]	Feed Size			
Max, [mm	80%	p, [mm]		
Acids, oils, and other additives present in feed	Concentration, pH [g/t of feed]	Recirculation load		
		% tph		

^{*}Fill in the form for each cell

Feed End Material								
				(
	\cup	\bigcirc	\cup			\cup		
	Manganese	Cro-Moly	High Cron		ober Rubber-	Metallic		
	Steel	Steel	White Iro	n	Metallic	Composite		
	Hardness	Numb	er of rows	Lifetime**,	[h] Supp	olier Price, \$/kg		
	(new/used)*							
Shell								
			Ma	aterial	_			
				() ()			
	Manganese	Cro-Moly	High Cron	no Duk	ober Rubber-	Metallic		
	Steel	Steel	White Iro		Metallic	Composite		
	Ottoci	00001	vviiico iro	11	Pictallic	Composite		
	Hardness	Numb	er of rows	Lifetime**,	[h] Supp	olier Price, \$/kg		
		Nullio	el Ol lows	Lifetime,	[ո] Տաբբ	niei Frice, ş/kg		
	(new/used)*							
Grate	wall or Discharge	End						
			Ma	aterial				
				() ()			
	Manganese	Cro-Moly	High Cron	no Buk	ober Rubber-	Metallic		
	Steel	Steel	White Iro		Metallic	Composite		
	0.001	0.001	vviiico ii o		riocamo	Composito		
	Hardness	Numb	er of rows	Lifetime**,	[h] Supp	olier Price, \$/kg		
	(new/used)*	TAGIIIO	CI OI IOWS	Lifetiffe ,	[ii] Oupp	11100, 9/10		
	(Hew/useu)							
	Grate Slot Size	,	Pebble Pe	ort Slot Size,		Total Grate Area,		
	[mm]		[mm]		[m²]		
Pulo lifter								
Pulp lifter								
			Ma	aterial				
	\cap					\bigcirc		
	\cup	\cup	\circ			\cup		
	Manganese	Cro-Moly	High Cron		ober Rubber-	Metallic		
	Steel	Steel	White Iro	n	Metallic	Composite		
	Hardness	Numb	er of rows	Lifetime**, [[h] Supp	olier Price, \$/kg		
	(new/used)*							
5. Ele	ements Loading N	lethod		6. Comn	nents			
Relining Machine Load Capacity					lining used. For example:			
			. ,		ts needed, problems	chips and cracks appear, partial		
Yes () No ()			replacemen	to needed, problems	with remning, etc.		
TL	nrough Feed	Food Truppies Cite						
11	Trunnion	Feed Trunnion Size, [mm]						
		Liiii	•••					
	\cup							
	Through	Qty. of	Manhole size,					
		manholes	[mm]					
Da	lining is done							
ке	lining is done on a stand							

4. Mill Lining Used

^{*}The hardness of the new and the worn lining shall be measured, the hardness-testing method must be indicated.

^{**} The average of the last three