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Furnace Data Questionnaire

Here are the basic questionnaire of furnace data. You can fill out the form as more as possible, in this way, we can know more about your furnace data to recommend the best graphite electrodes for you (not only the best performance, but also the most cost effective). And you can tell us your requirements of graphite electrodes, to get the most accurate price for your projects.

Equipment	LF (Ladle Furnace) EAF (Electric Arc Furnace)	
Electrode Grade, Brand		
GE – Dia.	mm	
GE – Length	mm	
Nipple	3TPI 4TPI	
Nipple Grade	HP	UHP
Size of Furnace	MT	
Scrap (EAF)	Heavy	Light
Slag (LF)	Hard	Liquid
Steel Grade Produced		
Transformer – Capacity	MW	
Current Load/Phase, max.	kW	
Current Load/Phase, average	kW	
GE Consumption	Kg/MT Liq.	
GE Consumption	kg/MWh	
Current Breakage	rate/moth	
Type of Breakage	Nipple	Socket
The Main Reason of Breakages		
Do You Have Stable Consumption	Yes	No
If No, Why?		
Tap to Tap Time	minutes	
Oxygen Blasting Time		
Oxygen Blasting Quantity		
Oxygen Blasting Pressure		
Connecting GE ON/OFF Furnace	On	Off
Torque Wrench Using	Yes	No
Torque Moment	Nm	
Cooling / Water Spray GE	Yes	No

Following Question Are Important For Suitability of
ANTIOXIDANT – IMPREGNATION

A	B	C
Diameter "D" on the Bottom		mm
Length "L" – Surface Oxidation		mm
Cracs at the End of GE		Yes No

Do You Have Any Other Specific Problems With Graphite Electrodes?

Do You Have Special Requirements On Graphite Electrodes?