



TECHNICAL SPECIFICATION OF ELECTROMAGNETIC FERRO FILTER WITH RECTIFIER
PR No. : 30020495 dated 19.06.2015

SL No	SPECIFICATION	REQUIREMENT
1	PURPOSE	To remove ferrous material
2	DESCRIPTION OF OPERATION	The Ceramic fluid is pumped into the ferro filter unit from bottom and the outlet is taken from the top.
3	QUANTITY	2 Nos.
4	APPLICATION	Removal of ferrous material from Ceramic slurry
5	CAPACITY	2 MT/Hr
6	TYPE	Electromagnet
7	TYPE OF GRID	Magnetic stainless steel strip grids
8	MATERIAL OF CONSTRUCTION	All parts coming in contact shall be Standard SS parts in contact with product/Liquid
9	TYPE OF COOLING	Oil Cooling
10	OPERATING VOLTAGE	Rating : 2.5 KW, Input Voltage 230Volts 50 Hz , single phase AC supply, output voltage ranging from 100 ,110,120, 130 140,150, 160 volts VDC tapping system
11	CURRENT	AC Range : 10 to 15 Amps, DC Range : 15 to 25 AMPS
12	COILS	Four Copper coils connected in series
13	METER SPECIFICATIONS	Ac Voltmeter : 0 – 250 V, AC Ammeter : 0 – 50 Amps, DC Voltmeter : 0 – 250 V, DC Ammeter : 0 – 50 Amps
14	RECTIFIER UNIT	Suitable to the operating voltage of ferro filter coil
15	DIAMETER OF THE INPUT PIPE	2 inches/ 2.5 inches
16	DIAMETER OF THE OUTLET PIPE	2 inches/2.5 inches
17	TEMPERATURE OF THE PRODUCT/LIQUID	80° C (Max)
18	SCOPE OF SUPPLY	Electromagnetic ferro filters with suitable rectifiers
19	SAFETY FEATURES	Bidders to provide the details of safety devices and features incorporated in the equipment

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+9/6/15

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