

# QUESTIONNAIRE SHEET FOR FILTER NOZZLES



Contact Name : \_\_\_\_\_  
 Company Name : \_\_\_\_\_  
 Phone No.: \_\_\_\_\_  
 Email Address : \_\_\_\_\_  
 Date : \_\_\_\_\_

**FILTER TYPE**  
 Is this a new filter or a refurbishment of an existing filter? \_\_\_\_\_  
 Gravity or Pressure Filter : \_\_\_\_\_  
 If Pressure Filter :  Vertical  Horizontal  
 Number of Filters or vessels : \_\_\_\_\_  
 Dimension of each Filter : \_\_\_\_\_

**UNDERDRAIN SYSTEM**  
 Drain System Type: (Tick Correct One)

False Bottom:	Header with Lateral Pipes:	Drain System Specs:
<input type="checkbox"/> Carbon Steel	Thickness _____ mm	Thickness _____ mm
<input type="checkbox"/> Stainless Steel	Hole Diameter _____ mm	Hole Diameter _____ mm
<input type="checkbox"/> Plastic	Header Pipe Diameter _____ mm	
<input type="checkbox"/> Concrete	Lateral Pipe Diameter _____ mm	
<input type="checkbox"/> Monolithic		

Media (Filling Material)

Layer	Depth	Size	Type: Sand /Gravel / Activated Carbon
1	_____ mm	_____ mm	_____
2	_____ mm	_____ mm	_____
3	_____ mm	_____ mm	_____
4	_____ mm	_____ mm	_____

Water Filtering Rate During Filtration

Min: _____ m <sup>3</sup> /hr/ filter	Max: _____ m <sup>3</sup> /hr/ filter
---------------------------------------	---------------------------------------

Backwash (Circle Correct One)

Type: Water Only / Water & Air Separated / Water & Air With Combined Phase

Water Flow Rate: _____ m <sup>3</sup> /hr/ filter	Air Flow Rate: _____ Nm <sup>3</sup> /hr/ filter
---	--

**NOZZLE TYPE & SIZE**

No. of Nozzles per m <sup>2</sup> : _____	Slot Width : _____ mm	Nozzle Stem
Total N. of Nozzles/ Filter : _____	Nozzle Type / Model : _____	Thread Type: _____
Vertical or Horizontal Slots : _____		Stem Total Length (L2): _____ (Air Tube for Backwash Air Distribution)

NOZZLE MATERIAL (Tick Correct One)

<input type="checkbox"/> Polypropylene (PP)	<input type="checkbox"/> Polypropylene Reinforced with Fiberglass
<input type="checkbox"/> PVDF	<input type="checkbox"/> ABS <input type="checkbox"/> 316L S/S
<input type="checkbox"/> Other: _____	

NOZZLE MOUNTING (Tick to Select)

<input type="checkbox"/> Retaining Nut	<input type="checkbox"/> Expanding Nut
<input type="checkbox"/> Screwed Directed into Fitting	<input type="checkbox"/> Other
<input type="checkbox"/> Gasket Size (if required) - Thickness _____ mm	

NOZZLE PRESSURE LOSS

During Filtration: _____ mm of water column	During Backwash: _____ mm of water column
Other Information: _____	

LIQUID TEMPERATURE

Working Temperature: _____ °C	Max. Temperature: _____ °C
-------------------------------	----------------------------