

# Reagent Handling Scheme (RHS)

## ANNEXURE-1

### Technical Details for ROTARY VALVES

S.No	Description	Unit	Requirments.
	Tag no:		14 RV-1A1/ 1A2/ 1B1/ 1B2 & 14 RV-2A1/ 2A2/ 2B1/ 2B2
	<b>Total Quantity required</b>		<b>08 no's</b>
	Equipment. No		<b>14 RV-1A1/ 1A2/ 1B1/ 1B2 &amp; 14 RV-2A1/ 2A2/ 2B1/ 2B2</b>
33	Rotor	mm thk	SS mm 10 THK Vertical plates welded o pipe and SS-304 40/
34	Shaft	mm thk	SS mm 55 Dia shaft at centre ad 45 Dia at Brg.
35	<b>Drive unit</b>		
36	Type		Direct
37	Absorbed Power at full lod	KW	
38	Installed Motor Rating	KW	
39	Type of Motor		
40	Degree of Protection		IP55
41	Type of speed Controller		VFD
42	Gear box size/ Ratio		
43	Coupling (Type/ Rating)		Geared/ at the time of detail engineering
44	Coupling Service Factor		1.5
45	<b>Bearings</b>		
46	Type		Roller Bearing
47	Make		SKF/ FAG
48	Model		
49	<b>Weights</b>		
50	Weight of total Unit	Tons	
51	Weiht of the heaviest components	Tons	
52	<b>Accessories</b>		
53	Speed Switch		Considered
54	Rotor Purge		Considered

*NDhayer*