

Annexure-A

SPECIFICATIONS OF NO^N RETURN VALVE FOR HYDROCHLORIC ACID HANDLING

Liquid Handled : 33% of HCL

Specific gravity of Liquid : 1.15-1.20

PH : <1

Valve type & MOC:

Type : Two piece design full bore lined Ball type lift check valve

Design Temperature : 100 Deg C

Design Pressure : 10 KG/Sq.CM

Installation position : Vertical

Body : FEP lined A216 WCB

Solid Ball : PTFE

Gasket : PTFE

PFA lining thickness : 3 to 5MM

Bolts & Nuts : A193GRB7/A194 GR 2H

Flanged ends : ANSI 150# drilled to B16.5

Sl. No.	Material code	Material Description	Unit code	Stock in hand	Dues	Consumption rate	Item cat	Quantity required
1	300 024 09/ 796	Non return valve as per above mentioned specifications for HCL Handling Size : 1 1/2"	01					04
2	300 024 09/ 797	----do----but size 2"	01					08
3.	300 024 09/ 798	----do----but size 2 1/2 "	01					10
4.	300 024 09/ 799	----do----but size 3"	01					06