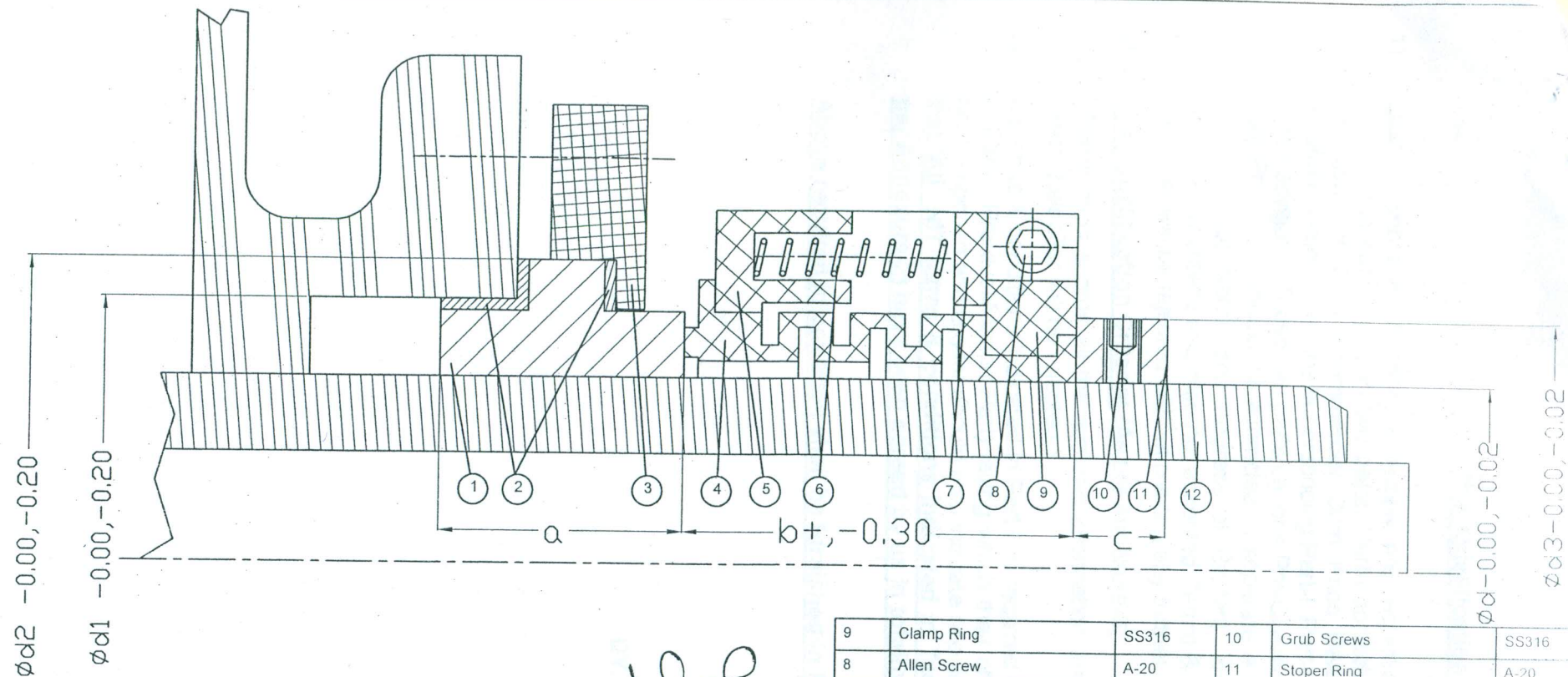


ANNEXURE - A

Note : Offered Mechanical Seals shall be suitable for following Make and Model of the Pumps

Sl. No.	Mech. Seal	Pump Model	Make	Liquor
a.	Size : 1 3/4 "	SCP-MD-50-310	Investa	Acidic liquor of 1.5 pH, ambient temperature, spring of mechanical seals shall be in Hastelloy-C
b.	Size : 1 3/8"	65x50-160,MSP-1B	Chemflow	
		60x50-160, MSP-1B		



DIMENSIONS

SL NO	SEAL SIZE		Ød	Ød1	Ød2	Ød3	a	b	c
	INCH	MM							
1.	1.125	28.58	28.575	43.00	54.50	65.00	21.00	28.00	10.0
2.	1.25	31.75	31.75	46.00	56.00	69.00	27.00	40.00	10.0
3.	1.375	34.92	34.925	49.00	63.00	72.00	22.00	40.00	10.0
4.	1.625	41.28	41.275	60.00	73.50	78.50	27.00	40.00	10.0
5.	1.75	44.45	44.45	61.00	76.00	81.00	22.00	40.00	10.0
6.	1.875	47.62	47.625	66.50	79.50	85.00	27.00	42.00	10.0

- NOTE: 1) COMPLETE MECHANICAL SEAL CONSISTS OF 01 NO. ASSEMBLED MECHANICAL SEAL WITH 01 NO. SPARE TEFLON BELLOW AND 01 NO. SPARE ST. SEAL RING WITH EACH MECHANICAL SEAL.
 2) PARTY SHALL CONFIRM MAKE OF THE SEAL.
 3) ACIDIC LIQUOR (98% CONCENTRATED H_2SO_4) BE OF 1.5 PH, AMBIENT TEMPERATURE.
 4) DIMENSIONAL DRAWING OF SEALS TO BE SUBMITTED FOR APPROVAL BEFORE SUPPLY OF MATERIALS.

9	Clamp Ring	SS316	10	Grub Screws	SS316
8	Allen Screw	A-20	11	Stopper Ring	A-20
7	Thrust Washer	SS316	12	Shaft Sleeve	
6	Springs	Hast -C			
5	Spring Holder	GFT			
4	Composite Bellow	PTFE/GFT			
3	Gland Plate	-----			
2	Gaskets	PTFE			
1	St. Seal Ring	Ceramic			
P.No.	Description	Material	P.No.	Description	Material

Mech Seal consists of P.No. 1,2,4,5,6,7,8,9,10,11



URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES
 (A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN.	Rajesh	16.04.14	TEFLON BELLOW MECH. SEAL
CHECKED	NKN		
APPROVED	MKS		
SCALE - NTS			
DIMENSIONS IN MM	DRG. NO. - UCT-2/MECH/PUMP/164		REV