GAUGE R&R REPORT

SSB Engineers Pvt. Ltd.

(PUT DATA IN YELLOW CELLS)

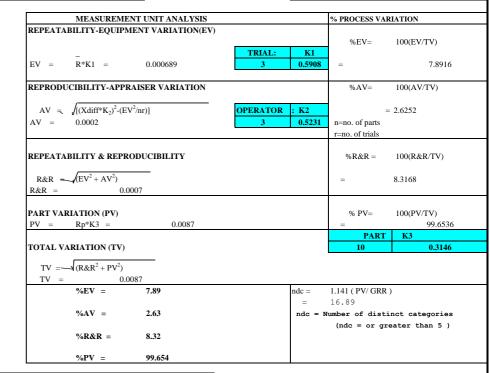
SSB/APG/88A&B PART NO. & NAME : 4475 480 053 DES001 GAUGE NO. MSA GAUGE NAME : Air Plug Gauge CHARACTERSTIC : PR 2 DATE GAUGE L.COUNT: SPECIFICATIONS: 71.8-71.830 PERFORMED BY: 0.001

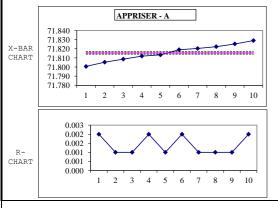
07.09.2023 SONU JANGID

	Supervisor :		GOLU									
TRIAL	1	2	3	4	5	6	7	8	9	10	AVERAGE	1
1	71.800	71.805	71.808	71.811	71.814	71.818	71.820	71.822	71.825	71.828		
2	71.802	71.806	71.809	71.813	71.813	71.819	71.820	71.823	71.820	71.829		
3	71.800	71.805	71.809	71.812	71.813	71.820	71.821	71.822	71.825	71.830		
Avg.	71.801	71.805	71.809	71.812	71.813	71.819	71.820	71.822	71.825	71.829	Xa=	71.8156
Range	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.002	Ra=	0.0014
	Supervisor :		PRA	PRATAP							1	
1	71.800	71.805	71.808	71.812	71.814	71.819	71.820	71.823	71.825	71.828		
2	71.801	71.806	71.809	71.813	71.815	71.819	71.821	71.822	71.826	71.829		
3	71.800	71.805	71.809	71.811	71.814	71.820	71.820	71.823	71.825	71.828		
Avg.	71.800	71.805	71.809	71.812	71.814	71.819	71.820	71.823	71.825	71.828	Xb=	71.8157
Range	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	Rb=	0.0011
	Supervisor	<u>-</u> :	KULDEEP]							
1	71.803	71.806	71.808	71.808	71.814	71.820	71.820	71.822	71.825	71.828		
2	71.802	71.805	71.808	71.808	71.814	71.819	71.821	71.822	71.824	71.829		
3	71.800	71.806	71.808	71.808	71.812	71.820	71.820	71.822	71.825	71.828		
Avg.	71.802	71.806	71.808	71.808	71.813	71.820	71.820	71.822	71.825	71.828	Xc=	71.8152
Range	0.003	0.001	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	Rc=	0.0010
Part Avg.Xp	71.801	71.805	71.808	71.811	71.814	71.819	71.820	71.822	71.825	71.829	Rp=	0.028

0.002	0.001	0.001	0.000	0.001	0.001	rc=	0.0010
71.814	71.819	71.820	71.822	71.825	71.829	Rp=	0.028
52							
	0.00117						
	0.000 50			NIC OF			

		0.00050		NO.OF	A2	D3	D4
	=	0.00300		TRIALS			
	=	0.00000		2	1.880	0	3.267
U	CL X BAR	=	71.81667	3	1.020	0	2.575
L	CL X BAR	=	71.81429				





71.8155

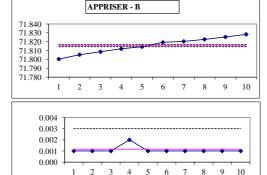
 $\overline{R} = (Ra+Rb+Rc)/NO OF OPRS. =$

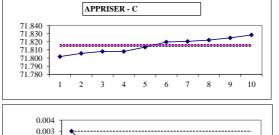
X Diff = (Max X - Min X) =

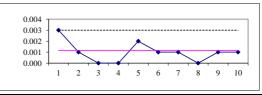
 $UCL R = (\overline{R} * D4)$

 $LCL R = (\overline{R*D3})$

X(D.BAR) =







IMPROVEMENT DETAILS

1) WHEN REPEAT. IS BIGGER THEN REPRODU.

- 1.1. MAINTENANCE OF GAUGE IS REQD.
- 1.2 HIGH REGID MEAS INSTRUMENT REQD.
- 2) WHEN REPRO. IS BIGGER THEN REPEAT.
- 2.1. TRAINING TO OPEARTOR IS REQD.
- 2.2 ZERO ADJUSTMENT NOT PROPER

Gauge R & R :



Approved by :