



METROLOGY INSPECTION REPORT

PART NAME:	STUB, BELLOWS			REC'D:	3	DATE:	September 9, 2005
PF/SA NO.:	PF-343-441-03	REV:	0	INSP'D:	1	INSPECTOR:	K. CABAN
ASSY/PROJECT:	PEP II IR VAC. BRAZEMENT STUB FLANGE			ACC'D:	0	ENGINEER:	D. PETERSWRIGHT
WORK ORDER/CHARGE#:	04-0960-5	SEQ ID:		REJ'D:	1	PHONE/EXT:	2940
VENDOR:	OSV			NCR:	5146	ROUTE TO:	CUSTOMER

SERIAL NO.	TOL (+) TOL (-)		1														
$ \sphericalangle .005 $	0.0050	0.0000	0.0018														
0.281	0.0000	-0.0050	0.2805														
$ \sphericalangle .002 A $	0.0020	0.0000	0.0005														
0.281	0.0000	-0.0050	0.2796														
R .020	0.0000	-0.0050	0.0151														
R .03	0.0100	-0.0100	0.0288														
2.505	0.0050	-0.0050	2.5044														
0.800	0.0200	-0.0200	0.7995														
.050 X 45°	-	-	.047 X 45														
.050 ALL AROUND	0.0050	-0.0050	0.0458														
.030 ALL AROUND	0.0050	-0.0050	0.0278														
R .040	0.0050	-0.0050	0.0365														
R .040	0.0050	-0.0050	0.0428														
0.080	0.0050	-0.0050	0.0810														
R .020	0.0000	-0.0050	0.0165														
R .020	0.0050	0.0000	0.0163														
PROFILE "A" 7.250 x 4.890																	
$ \sphericalangle .001 A $	0.0010	0.0000	0.0017	See Plot													
7.250	0.0000	-0.0020	7.2496														
4.890	0.0000	-0.0020	4.8866														
PROFILE "B" 6.970 x 4.610																	
$ \sphericalangle .001 A B C $	0.0010	0.0000	0.0018	See Plot													
6.970	0.0000	-0.0020	6.9698														
4.610	0.0000	-0.0020	4.6068														

COMMENTS: per customer request, sample 1 part only



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SERIAL NO.	TOL (+) TOL (-)		1												
PROFILE "C" 6.720 x 4.360															
∩ .005 A B C	0.0050	0.0000	0.0040	See Plot											
6.720	0.0025	-0.0025	6.7202												
4.360	0.0025	-0.0025	4.3583												
2.076	0.0025	-0.0025	2.0750	2.0747											
4.436	0.0025	-0.0025	4.4358	4.4361											
45°	-	-	44.9722												
PROFILE "D" 6.570 x 4.210															
∩ .004 A B C	0.0040	0.0000	0.0051	See Plot											
6.570	0.0020	-0.0020	6.5733	(top)											
4.210	0.0020	-0.0020	4.2065	(top)											
4.373	0.0020	-0.0020	4.3741	4.3750											
2.013	0.0020	-0.0020	2.1470	2.1439											
PROFILE "E" 6.610 x 4.250															
∩ .004 A B C	0.0040	0.0000	0.0057	See Plot											
6.610	0.0020	-0.0020	6.6119												
4.250	0.0020	-0.0020	4.2432												
2.030	0.0020	-0.0020	2.0310	2.0310											
4.390	0.0020	-0.0020	4.3912	4.3920											
PROFILE "F" 6.450 x 4.090															
∩ .010 A B C	0.0050	0.0000	0.0031	See Plot											
6.450	0.0050	-0.0050	6.4518												
4.090	0.0050	-0.0050	4.0883												
1.964	0.0050	-0.0050	1.9649	1.9652											
4.324	0.0050	-0.0050	4.3263	4.3258											
R .005	MAX	-0.0050	0.0125												
COMMENTS:	per customer request, sample 1 part only														