

SURFACE ROUGHNESS VALUES - ALL RE
READINGS TAKEN IN SLIDING DIRECTION BETWE

CONNECTOR - UNPOLISHED					CONNECTOR-POLIS		
	1	2	3	AVE.		1	2
1	8.8	11.3	14.7	12		4.4	5.4
2	7.6	8.7	12.0	9		4.4	4.6
3	8.5	6.8	7.8	8		4.2	5.6
4	8.3	8.4	8.0	8		3.1	4.6
5	6.0	10.4	7.1	8		5.6	4.1
6	7.6	8.1	11.0	9		4.8	3.7
7	12.1	10.0	6.7	10		5.0	5.2
8	8.1	11.5	7.1	9		4.1	4.1
9	9.6	9.2	15.2	11		3.9	4.3
10	11.1	9.5	10.5	10		4.1	3.6

CONNECTOR - UNPOLISHED	
AVERAGE OF 10 SAMPLES	9
STD. DEVIATION	1.4
PROCESS UPPER LIMIT (+3 SIGMA)	13
PROCESS LOWER LIMIT (-3 SIGMA)	5

CONNECTOR-POLIS	
AVERAGE OF 10	
STD. I	

READINGS ARE MICRO-INCH RMS
 HED IN MAYFIELD & SEAR SAFETY CAM

HED IN MAYFIELD		SEAR SAFETY CAM - ILION			
3	AVE.	1	2	3	AVE.
4.1	5	26.7	28.5	28.9	28
4.0	4	29.0	18.8	23.3	24
5.2	5	28.7	22.7	31.4	28
4.3	4	19.7	17.3	19.4	19
4.2	5	22.1	30.4	33.8	29
5.1	5	33.0	30.2	39.5	34
5.2	5	29.8	30.3	27.1	29
3.9	4	28.7	25.1	30.7	28
5.0	4	27.8	27.8	24.8	27
4.8	4	25.6	28.5	31.5	29

HED IN MAYFIELD	
NO. SAMPLES	4
STANDARD DEVIATION	0.4
PROCESS UPPER LIMIT (+3 SIGMA)	6
PROCESS LOWER LIMIT (-3 SIGMA)	3

SEAR SAFETY CAM - ILION	
AVERAGE OF 10 SAMPLES	27
STD. DEVIATION	4.0
PROCESS UPPER LIMIT (+3 SIGMA)	39
PROCESS LOWER LIMIT (-3 SIGMA)	15