



HEXAGON METROLOGY

DATE=3/26/2014 TIME=3:41:25 PM
PART NAME : CylinderProj
REV NUMBER : 1
SER NUMBER :
STATS COUNT : 1

STARTUP =ALIGNMENT/START,RECALL:, LIST= YES
ALIGNMENT/END
MODE/MANUAL
LOADPROBE/TESTPROBE
TIP/T1A0B0, SHANKIJK=0, 0, 1, ANGLE=0
FORMAT/TEXT,OPTIONS,HEADINGS,SYMBOLS, ;NOM,TOL,MEAS,DEV,OUTTOL, ,

PLN1 =FEAT/PLANE,RECT,TRIANGLE
THEO/2.7552,-10.354,-10.7502,-0.0019266,-0.0069109,0.9999743
ACTL/2.7552,-10.354,-10.7502,-0.0019266,-0.0069109,0.9999743
MEAS/PLANE,4
HIT/BASIC,NORMAL,4.2128,-11.203,-10.7535,-0.0019266,-0.0069109,0.9999743
,4.2128,-11.203,-10.7535,USE THEO = YES
HIT/BASIC,NORMAL,1.3828,-11.1331,-10.7585,-0.0019266,-0.0069109,0.999974
3,1.3828,-11.1331,-10.7585,USE THEO = YES
HIT/BASIC,NORMAL,2.6653,-10.4349,-10.75,-0.0019266,-0.0069109,0.9999743,
2.6653,-10.4349,-10.75,USE THEO = YES
HIT/BASIC,NORMAL,2.7598,-8.645,-10.7386,-0.0019266,-0.0069109,0.9999743,
2.7598,-8.645,-10.7386,USE THEO = YES
ENDMEAS/

CIR1 =FEAT/CIRCLE,RECT,OUT,LEAST_SQR
THEO/2.7709,-10.4514,-10.811,0,0,1,4.0133
ACTL/2.7709,-10.4514,-10.811,0,0,1,4.0133
MEAS/CIRCLE,4,WORKPLANE
HIT/BASIC,NORMAL,2.7368,-12.4579,-10.8113,-0.0169719,-0.999856,0,2.7368,
-12.4579,-10.8113,USE THEO = YES
MOVE/CIRCULAR
HIT/BASIC,NORMAL,4.7772,-10.4197,-10.8108,0.999875,0.0158088,0,4.7772,-1
0.4197,-10.8108,USE THEO = YES
MOVE/CIRCULAR
HIT/BASIC,NORMAL,2.8688,-8.447,-10.8111,0.048768,0.9988101,0,2.8688,-8.4
47,-10.8111,USE THEO = YES
MOVE/CIRCULAR
HIT/BASIC,NORMAL,0.7654,-10.3882,-10.811,-0.9995032,0.0315167,0,0.7654,-
10.3882,-10.811,USE THEO = YES
ENDMEAS/

CIR2 =FEAT/CIRCLE,RECT,IN,LEAST_SQR
THEO/1.8002,-10.3218,-10.794,0,0,1,1.7877
ACTL/1.8002,-10.3218,-10.794,0,0,1,1.7877
MEAS/CIRCLE,4,WORKPLANE
HIT/BASIC,NORMAL,1.3772,-9.5345,-10.7938,0.473317,-0.8808922,0,1.3772,-9
.5345,-10.7938,USE THEO = YES
HIT/BASIC,NORMAL,1.5835,-9.4545,-10.7941,0.2423718,-0.9701834,0,1.5835,-
9.4545,-10.7941,USE THEO = YES
HIT/BASIC,NORMAL,1.9125,-9.4352,-10.7941,-0.1256285,-0.9920774,0,1.9125,
-9.4352,-10.7941,USE THEO = YES
HIT/BASIC,NORMAL,2.2764,-9.5654,-10.7939,-0.53274,-0.8462789,0,2.2764,-9
.5654,-10.7939,USE THEO = YES
ENDMEAS/

THEO/3.612,-10.3184,-10.7857,0,0,1,2.1269
 ACTL/3.612,-10.3184,-10.7857,0,0,1,2.1269
 MEAS/CIRCLE,4,WORKPLANE
 HIT/BASIC,NORMAL,3.0746,-9.4006,-10.7857,0.5053368,-0.8629222,0,3.0746,-
 9.4006,-10.7857,USE THEO = YES
 HIT/BASIC,NORMAL,3.3789,-9.2809,-10.7859,0.2192202,-0.9756754,0,3.3789,-
 9.2809,-10.7859,USE THEO = YES
 HIT/BASIC,NORMAL,3.7596,-9.2651,-10.7857,-0.1387458,-0.990328,0,3.7596,-
 9.2651,-10.7857,USE THEO = YES
 HIT/BASIC,NORMAL,4.1701,-9.4132,-10.7855,-0.5248101,-0.8512193,0,4.1701,-
 -9.4132,-10.7855,USE THEO = YES

ENDMEAS/

DIM LOC1= LOCATION OF CIRCLE CIR2 UNITS=IN , \$
 GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH

AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
D	1.7877	0.0000	0.0000	1.7877	0.0000	0.0000 ----#----

END OF DIMENSION LOC1

DIM LOC2= LOCATION OF CIRCLE CIR3 UNITS=IN , \$
 GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH

AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
D	2.1269	0.0000	0.0000	2.1269	0.0000	0.0000 ----#----

END OF DIMENSION LOC2

DIM LOC3= LOCATION OF CIRCLE CIR1 UNITS=IN , \$
 GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH

AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
D	4.0133	0.0000	0.0000	4.0133	0.0000	0.0000 ----#----

END OF DIMENSION LOC3

DIM DIST1= 2D DISTANCE FROM CIRCLE CIR3 TO CIRCLE CIR1 PERP TO CIRCLE CIR1, NO_RADII
 S UNITS=IN , \$

GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH

AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	0.8516	0.0100	0.0100	0.8516	0.0000	0.0000 ----#----

DIM DIST2= 2D DISTANCE FROM CIRCLE CIR2 TO CIRCLE CIR1 PERP TO CIRCLE CIR1, NO_RADII
 S UNITS=IN , \$

GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH

AX	NOMINAL	+TOL	-TOL	MEAS	DEV	OUTTOL
M	0.9793	0.0100	0.0100	0.9793	0.0000	0.0000 ----#----

END OF MEASUREMENT FOR

PN=CylinderProj DWG=1 SN=
 TOTAL # OF MEAS =0 # OUT OF TOL =0 # OF HOURS =00:00:00