

☒ FAIR  
☐ PRODUCTION  
  
☐ PATTERN  
☐ OTHER

Carondelet Division  
 Pevely, MO 63070  
 Phone: (636)475-2159 Fax (636)475-3999

CO# 43465  
 Date: 3/31/06  
 Sheet 1 OF 1

## LAYOUT INSPECTION REPORT

CUSTOMER <u>F-I-O</u>	P.O. #	METAL <u>CF8MNMN MO</u>
DRAWING # <u>SE 141-142 REV.0</u>	PART TRACEABILITY NUMBER <u>RT1</u>	
PATTERN # <u>SE 141-142 LONG</u>	ITEM NUMBER <u>2104915</u>	CERT NUMBER <u>S82730-1</u>
		CASTING WEIGHT <u>8.9#</u> <input type="checkbox"/> MACHINED <input checked="" type="checkbox"/> AS CAST

ITEM	BP Zone Tolerance	B/P DIMENSION	ACTUAL DIM	ACC	REJ
1	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	11.494	11.71	✓	
2	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.354	1.55	✓	
3	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	4.367	4.33	✓	
4	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	4.367	4.35	✓	
5	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.50	1.63	✓	
6	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	Ø1.66 x3	1.39	✓	
7	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.38	1.53	✓	
8	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	.06	NOT MACH.	✓	
9	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.50	1.65	✓	
10	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	2.65	2.91	✓	
11	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	.75	1.00	✓	
12	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
13	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
14	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
15	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
16	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
17	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
18	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
19	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
20	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				

INSPECTOR:  
JARROD R. BOYER

☒ ACCEPT  
☐ REJECT

SIGNATURE / DATE:  
Jarrod R. Boyer 3/31/06

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 Sheet 1 OF 1

## LAYOUT INSPECTION REPORT

CUSTOMER <u>ETO</u>		P.O.#		METAL <u>CF8MNMN MO</u>	
DRAWING # <u>SE 141-142-REV.0</u>		PART TRACEABILITY NUMBER <u>RT2</u>		CASTING WEIGHT <u>8.9 #</u>	
PATTERN # <u>SE 141-142 LONG</u>		ITEM NUMBER <u>2104915</u>	CERT NUMBER <u>582730-1</u>	<input type="checkbox"/> MACHINED <input checked="" type="checkbox"/> AS CAST	

  

ITEM	BP Zone Tolerance	B/P DIMENSION	ACTUAL DIM	ACC	REJ
1	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	11.494	11.73	✓	
2	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.354	1.53	✓	
3	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	4.367	4.35	✓	
4	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	4.367	4.34	✓	
5	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.50	1.63	✓	
6	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	Ø1.66 x3	1.38 x3	✓	
7	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.38	1.54	✓	
8	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	.06	NOT MACH.	✓	
9	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	1.50	1.64	✓	
10	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	2.65	2.92	✓	
11	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11	.75	1.02	✓	
12	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
13	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
14	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
15	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
16	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
17	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
18	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
19	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				
20	Zone <input type="checkbox"/> DWG <input type="checkbox"/> CT-11				

  

INSPECTOR: <u>JARROD R. ROYER</u>	<input checked="" type="checkbox"/> ACCEPT <input type="checkbox"/> REJECT	SIGNATURE / DATE: <u>Jarrold R. Royer</u> <u>3/31/06</u>
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1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M.
3. DIMENSIONS ARE IN INCHES.
4. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80K.
5. SEE LATEST REVISION OF SPECIFICATION NCSX-CSPEC-141-03 FOR ADDITIONAL REQUIREMENTS.



SE 41-142

										DES B. NELSON 1-06 DRW G. LOVETT 1-06 CHK M. COLE 1-06 TOL/FRAMES UNLESS OTHERWISE SPECIFIED TECT : DEPT : PE D. WILLIAMS 1-06 CR : REO : PPPL DRFT J. SIEGEL 1-06 FINISH (SEE DRG) OTHERWISE SPECIFIED										OAK RIDGE NATIONAL LABORATORY Managed for the DEPARTMENT OF ENERGY U.S. GOVERNMENT CONTRACT NO. DE-AC02-77SF0012725 UT-BATTELLE, LLC Oak Ridge, Tennessee									
										NATIONAL COMPACT STELLARATOR EXPERIMENT MCWF POLOIDAL BREAK BEARING PLATE DETAIL TYPE "A" LONG										VERSION NO. 1 PLANT K-10 BLDG 5708 FL 3 SHF 1 I 1 S 5 CLASS U									
0 INITIAL RELEASE REV DESCRIPTION DATE BY DATE CHK DEPT DATE PE REO DATE ORNL DOE DATE REVISION APPROVAL										RELEASE LEVEL Fabrication SE141-142 0										UT-BATTELLE									