MTM N/C: 19511

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Part: Drawing ID:	SE141-116 / MODULAR CO SE141-116	IL WINDING FORM TYPE Revision: 8	Customer P.O.: S005242-F/Ln:5 Serial No./Qty: C5				
1 *	MIKE GRIFFITH mGriffith@MajorTool.com		Telephone: 317-636-6433 Fax: 317-634-9420				
 Problem: Sheet 6, zone F2; 1.125 +/010 checks 1.025". Outer portion of poloidal break between the poloidal break flanges was machined off of centerline approximately .100". The inner portion of the break (T section) was machined on location which caused a mismatch in the break surface. 							
Proposed Disposition: PROPOSED REPAIR Machine the stock heavy side of the break to the correct location per the drawing. This will blend into the area of the T that is currently undercut. Machine the T section to match the flange surface that was cut off of location (approximately .100"). The slot width will finish at approximately 2.350" rather than 2.250". In order to accommodate the oversized slot, the shim thickness will need to be machined to 2.225 rather than 2.125". The additional .100" of stock will be added to only one surface on the shim and profile machined accordingly. (see attachment)							

Number of additional pages: 1 attachment

Customer: ENERGY INDUSTRIES OF OHIO

Customer Disposition:	[] Use As Is	[x] Rework	[] Repair	[] Scrap	[] Replace

MTM inadvertently undercut the surface of the T by 0.080 inches in C5 as shown in the figure in the attached Rapid Response documentation. A conference call attended by Ray Sheppard of EIO, Mike Griffith of MTM, David Williamson of ORNL, and Phil Heitzenroeder of PPPL was held at approximately 5:30 p.m. on 3/29/06 to discuss this and MTM's proposed resolution. MTM will machine the poloidal break slot width to 2.350 inches rather than 2.250 inches. The cast shim plate will be machined to the 2.350 inch dimension to compensate. Mike Griffith noted that even with this increased slot width the break flange thickness will still be within tolerance.

Approved by:

Tech. Rep.

RLM

Major Tool Implemented By: Title: Date: $n:\mbox{\sc mtmapps}\Mtnonc14.qrp$ /Open /WO:65707-5

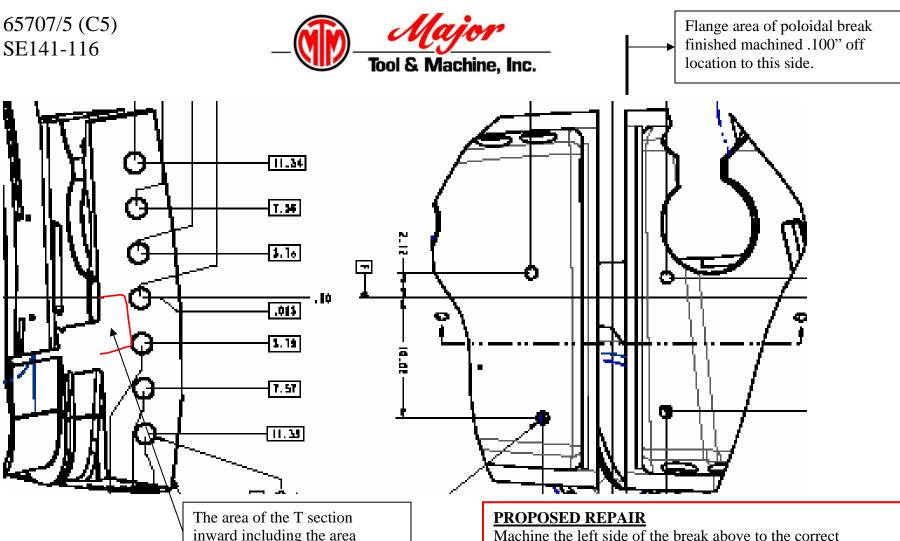
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65707/5 (C5) SE141-116



Rapid response NCR disposition for MCWF C5

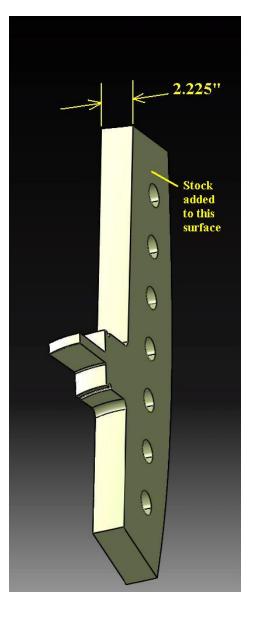
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The area of the T section inward including the area highlight in red has been undercut into this surface approximately .08". This area has been cut on location.

Machine the left side of the break above to the correct location per the drawing. This will blend into the area of the T that is currently undercut. Machine the T section on the right side of the break to match the flange surface that was cut off of location (approximately .100"). The slot width will finish at 2.350" rather than 2.250". In order to accommodate the oversized slot, the shim thickness will need to be machined to 2.225 rather than 2.125". The additional .100" of stock will be added to only one surface on the shim and profile machined accordingly (see picture on next page). 65707/5 (C5) SE141-116





Mike Griffith