

Knowledge Base Article

Product Group: Software Product: CMSW7400 - @ptitude Analyst; CMSW7311 Analysis and Reporting Manager Version: @A8.0 (first release); ARM v2.0 (build 2.0.5.0)

Abstract

The first release of SKF @ptitude Analyst 8.0 (2013 Edition) and the stand-alone version of ARM v2.0 (build 2.0.5.0) have a problem if gE options want to be used in the CTC Template Generator.

When a new CTC setup template is edited or created, the four standard gE (bearing envelope analysis) options should be visible under the "Units" column when editing the "Grade Bands". However, only the standard vibration options are shown. [Figure 1]

easure	ment	ow 🔁 🖃 🛙 1achine Pic	ture FFT	Control	Grade	Labels Grad	Bands	Grade Boundarie	Process Alarms
lumber Preset E Veightir	of Bands Bands : ng :	s : 5 Manua Off	, 	•		Frequency Mo Hz CPM	de	Band Definition Centre / Span Edges	
Index	Label	Beg (Hz)	End (Hz)	Detection	Units	Peak Find			
1	Band 1	0	0	RMS	g				
2	Band 2	0	0	RMS	g				
3	Band 3	0	0	RMS	g				
4	Band 4	0	0	RMS	g				
5	Band 5	0	0	RMS	Acce	el (g) 🔻			
					Acce Vel (Vel (Disp Disp Disp	el (g) el (m/s²) (mm/s) (ìps) (µm) (mil) (thou)			

Figure 1. Only standard vibration options are shown

This prevents the user from setting up any measurement bands that use bearing envelope analysis (gE). This article provides a partial work around to this issue.

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Overview

The problem described above is due to a change in the way that version 1.20 of the CTC Template Generator provides gE, which is an SKF-specific option.

There is a partial work around to the problem. If a command line argument is included in the shortcut used to launch the CTC Template Generator, it will show the gE options. This work around will not work if the CTC Template Generator tool is launched from within the ARM application (in the CTC File Manager window).

Follow the steps below to work around this problem:

- First, ensure that neither SKF @ptitude Analyst nor Analysis and Reporting Manager is running on the system. (You do not need to stop any services such as Transaction Server or an IMx Service).
- 2. Locate and edit the shortcut used to launch the CTC Template Generator tool:
 - Click on the Windows Start button.
 - Navigate to All Programs > SKF @ptitude Monitoring Suite > Analysis and Reporting Manager 2.0.
 - Right-click on the shortcut called "CTC Template Generator".
 - Choose Properties from the drop-down menu, and then click on the Shortcut tab.
 - In the Shortcut property editor, add /OEM_SKF to the end of the "Target" field. [Figure 2]

Security	Details	Previous Versions			
General	Shortcut	Compatibility			
Target type: A	opplication	Manager			
arget:	Manager\CtcTemplateGenerator.exe" /OEM_SKF				

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• Save the new settings by clicking on OK.

The CTC Template Generator will now allow the selection of gE options, when editing the "Grade bands" during setup. [Figure 3]

Yumber of Bands : 5 Preset Bands : Manual Weighting : Off			Frequency Mode		Band Definition C Centre / Span C Edges			
Index	Label	Beg (Hz)	End (Hz)	Detection	Units	Peak Find		
1	Band 1	0	0	RMS	g			
2	Band 2	0	0	RMS	g			
3	Band 3	0	0	RMS	g			
4	Band 4	0	0	RMS	g			
5	Band 5	0	0	RMS	Accel	(g)	•	
					Accel gE Ba gE Ba gE Ba gE Ba Accel Vel (m Vel (ip	(g) and 1 (5Hz-100Hz) and 2 (50Hz-1kHz) and 4 (5kHz-10kHz (m/s ²) m/s) s)		

Figure 3. gE options now shown

Users will have to launch the CTC Template Generator from the installed shortcut in order to utilize gE options, as there is no work around to the issue when launching the CTC Template Generator from within the ARM application.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by e-mail at <u>TSG-CMC@skf.com</u>.