

This procedure is use to shift a series of point positions or a whole program to another area with rotation on the same user frame. In this case, we want the robot to make the same path but in another area. The source path is kept and the new one will be executed after the source path. The source path is from line 4 to line 7 and the new path created will be added at line 9. The procedure is done according to three point source reference and a three point destination reference. These references have to be set the same way except for rotation.

- 1** PRESS --> **[MENU]**
- 2** SELECT --> **[1]** 1 UTILITIES
- 3** SELECT --> **[6]** 6 Program Shift
- 4** PRESS --> **[F4]** [CHOICE]
- 5** Using Arrow --> Scroll down the program list an make a selection.
- 6** PRESS --> **[ENTER]**
- 7** At line 2, PRESS --> **[F4]** PART
- 8** At line 3, ENTER --> **4**
- 9** At line 4, ENTER --> **7**
- 10** At line 5, ENTER --> **Nothing** because the new path will be inserted starting at line 9.
- 11** At line 6, ENTER --> **9**

- 12 Using Arrow --> Scroll down until the **next page** of the shifting tool appears.
- 13 At line 1, PRESS --> [**F4**] ON (if it is not already ON).
- 14 At line 2 “**Source position P1:**”, record first source position point, PRESS --> [SHIFT and RECORD]
- 15 At line 3 “**Source position P2:**”, record second source position point, PRESS --> [SHIFT and RECORD]
- 16 At line 3 “**Source position P3:**”, record third source position point, PRESS --> [SHIFT and RECORD]
- 17 At line 4 “**Destination position Q1:**”, record first source position point, PRESS --> [SHIFT and RECORD]
- 18 At line 5 “**Destination position Q2:**”, record second source position point, PRESS --> [SHIFT and RECORD]
- 19 At line 6 “**Destination position Q3:**”, record third source position point, PRESS --> [SHIFT and RECORD]
- 20 PRESS --> [**F2**] EXECUTE
- 21 PRESS --> [**F4**] YES
- 22 The shifted line were added starting at line 9. The source lines were kept at lines 4 to 7.