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RIA 15.06 Changes for 2015

The Robotics Industry Assoc. has adopted changes to the 15.06 standard to go into effect on **January 1, 2015**. The following changes will affect all **Robot Cells**:



Change 1: Safety related parts of control systems shall be designed at a minimum so that they comply with **PL=d** with structure category 3, or so that they comply with **SIL 2** with a hardware fault tolerance of 1 with a proof test interval of not less than 20 years, unless a risk assessment determines that an alternate performance criteria is appropriate. (Section 5.2.2)

Change 2: Because a robot system is always integrated into a particular application, the integrator SHALL perform a risk assessment to determine the risk reduction measures required to adequately reduce the risk presented by the integrated application. – (Part 2), 4.3.1, Risk Assessment (General)

Change 3: Guard locking devices only allow safe outputs when guard is closed and locked, and must provide a means of escape from within hazard area, regardless of the state of the interlock (Section 5.10.4.5).

Change 4: From each control position, the operator shall be able to ensure that no one is in the safeguarded space. If this is not practical, presence sensing shall be provided. (Section 5.6.3.4.2)

Change 5: Perimeter guard dimensions must be a minimum of 60” for the upper dimension and these guards can have a maximum of 12” of void space between the guard and the floor.

For more innovative solutions to these and other safeguarding applications please contact your local Trapp Industrial Sales Representative at 704-821-5187 or visit our website at www.trappindustrial.com/ria15.06techbrief.html.



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