



Cobot Risk Assessments/Validations

Keep your operations running smoothly and safely

When your cobot is working alongside an operator, you want to ensure your operation is as safe as it is seamless. We can help you cut down on downtime and gain peace of mind with our Cobot Risk Assessment and Validation Services.

WHAT DOES A RISK ASSESSMENT INVOLVE?

Omron's Cobot Risk Assessment and Validation Services serve as a comprehensive review of your cobot (collaborative robot) application, including the overall risk levels based on the IDP/TS 15066 and ANSI/RIA TR 15.06 standards. The purpose of this is to ensure that these levels are within the tolerable range for anyone working near to or hand-in-hand with the cobot.

Key measurements in these assessments involve force and pressure readings, keeping worker safety top of mind. To take these measurements, we use sophisticated tools that allow us to collect all possible contact points and measure them for both quasi-static and transient force.

IDENTIFYING AREAS

THAT REQUIRE SAFEGUARDING

Based on our analysis, we can either validate that your cell is within proper safety limits or identify which areas need to be remediated through your application's programming. Once the application work has been amended by a member of your staff or a third party, we can work with you to reassess the risk and validate that the application is now safe.

GET IN TOUCH

If you are interested in learning more about how our Cobot Risk Assessment and Validation services can help improve your uptime, or if you would like to know more about any of our other robot service offerings, please go to our website at automation.omron.com