



## CCE COORDINATION BULLETIN

### BULLETIN NUMBER 2021-2

#### **RPSCQC for EOAT Versus 3-A Symbol Authorization for Robot System (Integrator)**

The 3-A Third Party Verification Coordinating Committee (TPVCC) met on 3/31/2021 and concurred with the 3-A Steering Committee's decision from their Annual Meeting in 2016 that equipment components such as End of Arm Tooling (EOAT), tool changers, and similar components of a robotic system are only eligible to apply for the 3-A Replacement Parts & System Component Qualification Certificate (RPSCQC). The RPSCQC has its own a registered trademark with program requirements covered in Clause E4 of the TPV Manual. EOATs are components that support the larger Robot-based Automation System (RBAS). A complete robot system with components that meets 3-A Sanitary Standard, Number *103-00*, *3-A Sanitary Standard for Robot-based Automation Systems* are eligible to apply for the 3-A Symbol Authorization.

3-A Sanitary Standard, Number *103-00* applies to the sanitary use of industrial robot systems integral with food processing, preparation, or other applications or industries where process equipment cleaning and sanitization is required. This standard addresses the robot and ancillary robotic system equipment, including the robot base, End of Arm Tooling (EOAT), tool changers, and robot dressing. This standard does not apply to robots associated with milking systems on dairy farms. This standard includes materials and fabrication requirements, as well as special requirements unique to robot systems, including zone considerations, programming requirements, controller requirements, wiring/robot dressing requirements and tooling, and installation. Standard 103-00 provides definitions for covers, EOAT, Robot, Robot dressing, Robot System, Tool Changer, Tooling Plate, Vacuum Line, and Vacuum System.

Please refer to the 3-A TPV Manual regarding requirements for 3-A Symbol Authorizations and RP Mark Authorizations:

#### C TPV INSPECTION REQUIREMENTS FOR 3-A SYMBOL AUTHORIZATION

C1 Notice to Applicants

C2 Format of TPV Report for 3-A Symbol Authorization

C2.2 Report Language

C2.3 Cover Page

C2.4 Supplemental Information Sheet(s)

C2.5 Verification Checklist Pages

C3 TPV Procedures for 3-A Symbol Authorization: Note that any references to “on-site” or “physical” are encouraged where possible, but this requirement has been temporarily suspended during the 6-month pilot

#### E TPV FOR 3-A RPSCQC

E1 Eligible Applicants

E2 Notice to Applicants

E3 Format of TPV Report for 3-A RPSCQC  
E3.2 Report Language  
E3.3 Cover Page  
E3.4 Supplemental Information Sheet(s)  
E3.5 Verification Checklist Page  
E4 TPV Procedures for 3-A RPSCQC