

Attachment 1 – Requirements to advance to a CSA II

1. Training, Complete the Following:
 - a. Rockwell Automation Technologies:
 - i. Compact Logix PLC: **Self-Paced Hands on Workstation**
 - ii. RS View ME: **Self-Paced Training Software**
 - iii. RS Logix 5000: **Self-Paced Training Software**
 - iv. Level 1 Training: **Instructor Lead** (CCP146 or (CCP299) or **Previous Experience**
 - v. Level 2 Training: **Instructor Lead** (CCP151 or CCP153)
 - vi. Level 3 Training: **Instructor Lead** (CCP143)
 - vii. Level 4 Training: **Instructor Lead** (CCP152)
 - viii. PlantPax Maintenance: **Instructor Lead** (PRS015) or **in house**
 - ix. Factory Talk View: **Instructor Lead** (CCV207)
 - x. Factory Talk Historian: **Instructor Lead** (RS-FTHSEC)
 - xi. Vantage Point: **Instructor Lead** (FTVP)
 - xii. Ethernet/IP Networks: **Online Course** (VC-CCN300-C) or **Self-Paced Training Software** (9393-RSTENET2ENE and 9393-RSTENET1ENE)
 - xiii. DeviceNet Networks: **Instructor Lead** (CCP164) or **in house**
 - b. Schneider Electric Automation Technologies:
 - i. Unity Pro Level 1: **Local Distributor Training or Previous Experience**
 - ii. Unity Pro level 2: **Instructor Lead**
 - iii. InTouch & ArcestrA Graphics Hands on Workshop: **Local Distributor training**
 - iv. System Platform Development Workshop: **Local Distributor training**
 - v. Wonderware Training (one of the following)
 1. Application Server: **Instructor Lead or eLearning if Available**
 2. InTouch Software for System Platform: **Instructor Lead or eLearning if Available**
 3. InSQL Historian
 - a. Historian Server: **Instructor Lead or eLearning if Available**
 - b. Historian Client off site: **Instructor Lead or eLearning if Available**
 - c. Foxboro I/A DCS:
 - i. System Architecture: **in house**
 - ii. Systems Management: **in house**
 - iii. Systems Maintenance: **in house**
 - iv. Integrated Control Configurator: **in house**
 - v. FoxView: **in house**
 - vi. AIM*Historian: **in house**
 - d. Schweitzer Engineering Labs:
 - i. Axion RTAC: **Instructor Lead or in house**
2. On completion of Rockwell Automation Training (section 2.a) complete the Rockwell training advisor online tests as outlined below, with an average score of 80%.
 - a) FactoryTalk View SE Software
 - b) PanelView Plus Terminals / FactoryTalk View ME Software
 - c) EtherNet/IP Networks

- d) DeviceNet Networks
- e) SLC 500 Processors / RSLogix 500 Software
- f) ControlLogix Controllers/RSLogix 5000 Software - Maintainer
- g) ControlLogix Controllers/RSLogix 5000 Software - Fundamentals
- h) Studio 5000 Software – Function Block Diagram and PhaseManager

Notes:

1. Training from a previous employer may be used to satisfy one or more of the subjects listed above, provided that the training is equivalent, and documentation of successful completion is provided.
2. Local distributor training is provided at various times throughout the year. Some courses are offered at low or no cost. Check with the distributor (Royal Industrial Solutions, Graybar Electric, Wonderware West) for dates offered.
3. Self-paced training can be taken at any time using Agency equipment and software.
4. In house training can be achieved by working with other ISS staff who are experienced in the subject, and through attending team training sessions.