

CPC-II Silver Level Service Program

Announcement

Woodward Authorized Independent Service Facilities (AISFs) can now apply to be an Authorized CPC-II Silver Level Service Facility. As an Authorized CPC-II Silver Level Service Facility, AISFs are allowed to purchase CPC-II repair and overhaul kits and fully repair or overhaul CPC-II converters. Formal facility and technician program certifications will be issued to the facility upon Woodward validating that a returned CPC-II Gold unit has successfully passed Woodward's production test procedure and specifications and one or more of the AISF's technicians have successfully passed Woodward's on-line certification test.

Program Authorization Procedure

To become authorized as a CPC-II Silver Level Service Facility:

1. Contact your account manager to request access to the Silver Level Service Folder on the Woodward Collaboration SharePoint Site
2. Purchase a CPC-II Silver Repair/Overhaul Tool Kit 8923-2377
 - a. Provide your Woodward Customer Service Representative (CSR) with shipping address for Tool Kit 8923-2377 and a good email address for software programs distribution.
3. Utilizing CPC-II Silver Repair/Overhaul Tool Kit 8923-2377 disassemble, reassemble and calibrate a CPC-II converter Gold unit according the various steps in the CMM. Contact your Woodward account manager to request a CPC-II Gold unit and associated Gold repair kit from Woodward.
 - a. During the Gold unit verification the AISF shall use Woodward's CD-REPAIR program within E-Business to record the serial number transaction and service type and upload the associated overhaul report.
 - b. Send the overhauled and calibrated CPC-II converter Gold unit and parts removed during the certification service to Rik Bergman @ 1041 Woodward Way, Fort Collins CO 80524, USA
 - c. Woodward's CPC-II product support team will then validate and verify the Qualification CPC-II converter Gold unit to Woodward's production test procedure and specifications.
4. When the CPC-II converter Gold unit has been proven to pass Woodward's qualification/production tests then Woodward will send AISF a formal CPC-II Silver Level Service Facility Qualification letter.
5. When one or more of the AISF's technicians have successfully completed Woodward's on-line technician test Woodward will send AISF a formal CPC-II Silver Level Service Technician Qualification Certificate for each technician and AISF will be allowed to purchase all CPC-II Repair or Overhaul Kits going forward.

Required CPC-II Test Stand Capabilities

Required Hydraulic Flow Skid Capability:

- Pressure Output Range: 10 - 25 bar (145 – 363 psi)
- Maximum Flow Rate: 85 L/min (22.5 gpm)
- Pressure Stability at flow point: ± 0.35 bar (5 psi) (low end), ± 0.67 bar (10 psi) (high end)
- Oil Viscosity 20-100 Centistokes
- Supply Oil Temperature 32-49 °C

Required Electrical Power Supply Capability (to power CPC-II): 24Vdc, and 8A

Required Variable Current Source Capability: 4-20mA

Repair/Overhaul Tool Kit: 8923-2377

Repair/Overhaul Tool Kit: 8923-2377 includes:

- Generator Stator Wire Crimping Tool
- CPC-II Disc Pusher Tool
- CPC-II Leak Test Adapter Block
- Extra Deep 7/8 Inch Socket
- Silver Service Software Service Tool Program
- Silver Service Component Maintenance Manual
- Latest rev CPC-II parameter files (10 bar & 25 bar)
- Installation Drawings (driver module, motor, seals)

Optionally a CPC-II Manifold Interface Kit 8923-2276 can be purchased and used to easily connect to CPC-II converters to the AISF's test stand.

Available CPC-II Repair Kits

The following CPC-II repair kits are available for purchase:

Kit Description	Kit Part Number
Replacement Driver Module Kit	8935-1206
Replacement Motor Kit	8935-1241
Replacement Servo Rotor Kit	8935-1207
Replacement Servo Bearing & Seal Kit	8935-1208
Replacement Pressure Sensor Kit (10 bar)	8935-1205-10
Replacement Pressure Sensor Kit (25 bar)	8935-1205-25
Replacement Return Spring Kit	8935-1209

Contact your account manager or Rik Bergman at Rik.Bergman@woodward.com for related questions or concerns.



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**Woodward has company-owned plants, subsidiaries, and branches,
as well as authorized distributors and other authorized service and sales facilities throughout the world.**

Complete address / phone / fax / email information for all locations is available on our website.