

# Pre-Compliance Testing and Safety Agency Certification

Astrodyne TDI offers two different testing capabilities to our customers – pre-compliance testing and UL/IEC certification services. Having these labs on-site at our Yorba Linda, CA and Kunshan, China facilities not only saves time in the certification process, but also money for our customers.

## Pre-Compliance Testing

Pre-compliance testing dramatically improves a device's chance of passing EMC testing and significantly lowers the risk of failure during the certification process. Failing an EMC test poses a substantial threat to project deadlines and budget – something no company wants to go through. At Astrodyne TDI, we offer comprehensive testing and filter design in our two fully equipped EMI test chambers located in Yorba Linda, CA and Kunshan, China, enabling us to quickly and cost-effectively bring products into compliance.

## UL, CSA and IEC Certification

In addition to its pre-compliance testing, the Yorba Linda facility also features a UL and SEMKO certified lab.

Our Client Test Data Program (CTDP) at Yorba Linda offers UL and CSA certification while the ENEC MTL (Manufacturer's Test Laboratory) offers SEMKO certification, allowing for certification to domestic and international standards. With these labs readily on-site, Astrodyne TDI is able to certify filters to various safety standards including UL 1283, CSA C22.2 No. 8 and IEC/EN 60939-1/2.

Recently our CTDP program was extended to include power supply test and certification capabilities. Power supplies are harmonized to global standards including IEC/EN 60950 (ITE standard), IEC/EN 60601 (medical standard) as well as IEC/EN 60950 (ITE standard).



## Accuracy, Lower Cost and Quick Time To Market

Our labs feature the same calibrated test equipment found in a typical final testing facility, offering an extremely high level of accuracy. They also enable us to demonstrate EMI and safety performance of filter and power supply products separately or together, in a quick and accurate manner.

By offering pre-compliance testing and UL, CSA and SEMKO certification testing, Astrodyne TDI offers:

- Shorter lead times for safety approvals
- Reduced risk of failing safety or EMI tests to avoid potentially costly retesting/recertification
- Quicker time to market with a fully certified product

Our experienced EMI/RFI filter design engineers and EMC testing personnel design our products to provide high-reliability performance for both COTS and custom solutions. Design engineers can feel confident that when they send their devices to our facility they are assured to pass.

For more information, contact us today.

## Comprehensive testing with the EMC experience you need.



*Comprehensive testing and analysis – including two fully equipped EMC test chambers – enable us to quickly and cost-effectively bring your products into compliance.*



*Our experienced EMI/RFI filter design engineers and EMC testing personnel design our products to provide high-reliability performance – for both COTS and custom solutions.*