AVOIDING DELAYS FOR NRTLs TESTING AND CERTIFICATION

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3 Critical Steps

- Explaining the project clearly from the beginning
- Preparing all required samples and hardware
- Providing all necessary documentation
Discuss the details of the project with the sales/account manager.

Clearly explain the end use to establish the correct standard or category.

Follow up with an e-mail.

Is IPI needed?

If possible, request the project to be done locally.

Obtain accurate quotes and ECD.

Obtain the complete shopping list from NRTL.

Spend extra time on the list at the beginning. This will pay off in the long run.
Preparing all required samples and hardware

- Are all samples, cables, loads, accessories, and support equipment ready?
- Check and test all samples prior to shipping.
Typical required documents include:

- List of all models
- Differences/similarities between models
- Product specifications/marketing documents
- User manual
- Label(s) artwork
- Schematics
- Board layout
- Voltage map (where possible)
- Magnetic drawings
- Mechanical drawings
- LCC
- IEC/UL/CSA certifications
- Letter of assurance
- RoHS certification
- Photos
Points of Note

- Incomplete LCCs are where most delays occur.
- Use the NRTL format for LCC.
- Fill out the form as completely as possible.
- UL/CSA and IEC certifications are a must.
- Check all certifications for correct standards.
- Check all certifications for expiration date.
- Ensure certifications show the exact type number.
- Check magnetic drawing for accuracy against IS.
- Ensure magnetic Insulation System is in-line with heating results and Tmra.
Main key factor to a pain-free certification is early construction review and pre-test.

If unsure, open a preliminary project at NRTL.