

## TIP SHEET

# 5S YOUR FUSE INVENTORY WITH MERSEN'S FUSE CONTROL™ PROGRAM

## FUSE CONTROL PROGRAM

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Are you tired of searching through endless bins to find the correct fuses? Do you feel that there is waste within your storeroom? Does your company practice Lean Manufacturing? Do you want to “5S” your storeroom? If you answered yes to any of these questions, Mersen’s innovative Fuse Control program can help you get control of your fuse inventory. The Fuse Control program uses the Lean 5S process to help eliminate waste by cleaning up, sorting, standardizing and organizing your fuse inventory.

### Lean 5S Process and Fuse Control

Waste is money and eliminating it is a cost reduction or efficiency gain for your plant. The 5S process outlines five key processes: Sorting, Setting a Location, Straightening of an area, Standardization and Sustaining what you’ve done.

**Sort:** The Fuse Control program identifies all old or obsolete fuses and eliminates all duplication of fuses.

**Set Location:** Phase 3 of the Fuse Control program recommends setting up bin locations in a central location so that it is conveniently accessible to all those who need the parts.

**Straighten (Shine or Scrub):** In addition to setting up new bins, the Fuse Control process also assists with clearly labeling the bins in a logical order with product part number, type, voltage and ampere ratings. Outlines or pictures of the fuses can be used on the bins to provide visual identification of the correct products.

**Standardize:** Consider standardizing to Mersen’s Amp-Trap 2000 fuses to offer the best protection of your equipment and people. Amp-Trap 2000 fuses provide Type 2 No Damage protection. This prevents short circuits from destroying valuable equipment, thus saving your company needless replacement costs, installation time and down-time.

**Sustain:** During the Fuse Control process, computer data is updated to ensure the correct part is ordered in the future. Mersen also provides annual reviews and training to help keep the conversion in place and your company on the path to sustaining its Lean 5S initiatives.



### Lean Manufacturing

Lean Manufacturing identifies 7 wastes that can be found in any work place or process. Here's how Fuse Control can aid the waste elimination process:

**Inventory** - Determine what parts are not used or are obsolete. Older technology fuses Class H and K should be considered "obsolete." The Fuse Control program reduces inventory by 25% or more by eliminating older "obsolete" fuses and upgrading to Amp-Trap 2000 fuses.  
**Transportation** - Transportation refers to the excess movement of parts, paper or any other objects. Where is your storeroom and fuse bin locations within it? Could they be relocated to provide easier, centralized access?

**Waiting** - Waiting for parts, people or information (system downtime) is a waste of time and resources. Fuse Control reduces the time employees spend looking for the right fuse because everything is in its place and is clearly labeled. The Amp-Trap Smart Spot fuse indicator enables maintenance personnel to quickly identify open fuses, which also reduces costly down-time.

**Motion** - With Fuse Control, motion is reduced by setting new bin locations in centralized locations and organizing the bin contents.

**Processing** - The Fuse Control audit process eliminates obsolete inventory, data and inaccurate reporting.

**Defects** - Defects and errors are reduced by updating the ordering data and by eliminating multiple fuse options, which reduce the opportunity for selection errors.

**Over-Production** - Over production is reduced with Fuse Control by eliminating obsolete fuses, reducing inventory, and updating the stock data for improved accuracy and timely ordering.

Whether you currently have a Lean 5S program in place or are interested in implementing one, Mersen's Fuse Control program can help. Fuse Control will provide the edge you need to mitigate arc flash hazards, reduce downtime associated with electrical failures, streamline inventory by 25 percent or more - all while offering the highest grade overcurrent protection available.