

Steel Industry Projects



4.2 MVAR 34.5 KV, 5th & 7th Notch Filter and 11th High Pass Filter with a "C" Filter

Features Include:

- **Automatic & Manual Control**
- **Neutral Unbalance Relay**
- **35 KV Rated Vacuum Switches**
- **Expulsion Fuses**
- **Resistors**
- **Air Core Reactors**
- **EXD Style Capacitors**

Phaseco, Inc. has completed numerous Steel Industry projects in the US as well as International that employed both Arc and Induction furnaces. Most induction furnace application required typical 5th and 7th harmonic filters while larger arc furnace applications required 2nd, 3rd and 4th harmonic filters. We have supplied a variety of automatic and static power factor correction and harmonic filter equipment, including metal enclosed, pole mounted and sub-station open rack harmonic filters up to 34.5 KV. Most sites required a complete harmonic analysis prior to designing and installing the equipment.



2.4 MVAR 7.2 KV 5th Harmonic Filters for Induction Furnace Application

Features Include:

- **Automatic & Manual Control**
- **Neutral Unbalance Relay**
- **15 KV Rated Vacuum Switches**
- **Current Limiting Fuses**
- **Iron Core Reactors**
- **EXD Style Capacitors**

