

# WCTI 2010 BUYERS' GUIDE

## Product Categories and Update Form

The 2010 edition of the Wire & Cable Technology International Buyers' Guide will be published December 1, 2009.

NOTE: The product/contact update form on the last page should be updated and returned as soon as possible. If you would like to see a new product category in our next issue that is not listed, please write the category name on the form and send to mculty@wiretech.com.

If you are a new listing for the 2010 edition, review the product codes provided. Complete the last page, filling in the product codes in the boxes, along with your company information. Please note that up to 10 product codes will be provided free of charge. Advertisers (one-fourth page or greater) in the directory issue will receive unlimited product codes. Their listings will also appear in **boldface** type. Those not advertising will be charged \$10 for each product code over 10. A check must be included with this form if over 10 listings or we will bill you.

Publisher reserves the right to edit, modify or exclude any listing and is not responsible for the accuracy or completeness of directory listings beyond exercising reasonable care in preparation.

### Wire Products-All Kinds

00011 BAILS-Wire  
 00055 BALE TIES-Wire  
 00099 BALING WIRE-Automatic  
 00193 BARBED WIRE-Concertina  
 00210 BARBED WIRE-Copper-Clad Steel  
 00253 BARBED WIRE-Galvanized Steel  
 00374 BASKETS-Material Handling  
 00451 BASKETS-Wire  
 00539 BELTING-Conveyor & Transmission Wire  
 00616 BOLT, NUT & RIVET-Manufacturers  
 00737 BRADS-Wire  
 00770 BRAID-Wire  
 00814 BRUSHES & BROOMS-Wire  
 00858 BUCKLES-Wire  
 00870 CABLE ACCESSORIES  
 00891 CABLE-ACSR & ACAR  
 00935 CABLE-Aircraft & Automotive (Ferrous)  
 CABLE-Electric (See Electric Wire & Cable Section)  
 00979 CABLE-Electro Mechanical  
 00999 CABLE-Elevator Hoisting  
 01010 CABLE-Ground Control  
 01020 CABLE-High Temperature  
 01056 CABLE-Highway Guard & Fittings  
 01309 CABLE-Marine  
 01314 CABLE-Medical  
 01320 CABLE-Mineral Insulated  
 01322 CABLE-Stainless Steel  
 01325 CABLE-Welding  
 01530 CHAINS-Galvanized  
 01650 CHAINS-Stainless Steel  
 01694 CHAINS-Steel  
 01815 CLAMPS-Wire  
 01936 CLIPS-Wire Fastening  
 01970 CLIPS & FITTINGS-Wire Rope  
 02013 CLOTH-Wire, Loom Woven  
 02030 CLOTH-Wire, Knitted  
 02090 FABRIC-Braided Wire  
 02134 FABRICS-Wire, Link,Woven & Welded  
 02255 FASTENERS-Wire FENCING- (See BARBED Wire)  
 02232 FENCING-Chain Link  
 02347 FENCING-Farm Field  
 02376 FENCING-Plastic Coated Wire  
 02410 FENCING-Wire  
 02530 GARMENT HANGERS-Wire  
 02574 GASKETS-Wire  
 02618 GATES-Wire  
 02651 GAUZE-Wire  
 02695 GUARDS-Conveyor  
 02739 GUARDS-Highway  
 02772 GUARDS-Wire (Machine, Appliances, Etc.)  
 02816 HANDLES-Wire  
 02850 HARNESS ASSEMBLIES-Electric Wire  
 02893 HEATING ELEMENTS  
 02937 HEDDLES-For Wire Looms  
 02970 HINGE PINS-Wire  
 03014 HOG RINGS  
 03135 HOOKS-Wire, Miscellaneous  
 03179 HOOKS-Wire Rope

03256 HOOPS-Wire  
 03333 KNITTED WIRE PRODUCTS  
 03377 LAMP FRAMES-Wire  
 03454 MATS-Wire  
 03531 MESH-Braided Copper Shielding  
 03600 MESH-Welded Wire  
 03610 MESH-Woven  
 03625 NAILS-Aluminum  
 03652 NAILS-Common  
 03696 NAILS-Corrosion Resisting Alloy  
 03713 NAILS-Electro Galvanized  
 03730 NAILS-Galvanized  
 03773 NAILS-Nonferrous  
 03850 NAILS-Screw  
 03938 NAILS-Special  
 03947 NAILS-Threaded  
 04059 NAILS-Wire, Steel  
 04092 NEEDLES-Metal, All Kinds  
 04136 NETTING-Wire, Poultry, Etc.  
 04170 NETTING-Wire, Stucco  
 04213 NUTS-Cold Pressed  
 04257 NUTS-Hot Pressed  
 04269 NUTS-Lock  
 04290 NUTS-Semi-Finished  
 04411 PINS-Cotter  
 04455 PINS-Escutcheon  
 04499 PINS-Hair, Metal  
 04532 PINS-Knurl Threaded  
 04576 PINS-Safety  
 04610 PINS-Special  
 04630 RACKS-Display  
 04653 RACKS-Wire  
 04697 RINGS-Wire, All Kinds  
 04730 RIVETS-Wire  
 04818 ROPE ASSEMBLIES-Wire  
 04972 ROPE-Wire  
 05016 ROPE-Wire, Aircraft  
 05050 ROPE-Wire, Galvanized  
 05093 ROPE-Wire, Nickel, Copper Alloys  
 05137 ROPE-Wire, Plastic Coated  
 05170 ROPE-Wire, Stainless Steel  
 SCREENS-Wire (See CLOTH-Wire, Loom Woven)  
 05258 SCREW MACHINE PRODUCTS-Ferrous & Nonferrous  
 05335 SCREWS-Aluminum, Brass, Bronze & Copper  
 05379 SCREWS-Cap  
 05412 SCREWS-Drive  
 05456 SCREWS-Galvanized  
 05577 SCREWS-Stainless Steel  
 05610 SCREWS-Steel  
 05654 SCREWS-Wood  
 05775 SHAPES & FORMS-Wire  
 05785 SHELIVING-Wire  
 05852 SLINGS-Chain  
 05896 SLINGS-Wire Rope  
 05930 SLINGS-Woven Wire  
 05973 SOLDER-Wire  
 06094 SPINDLES-Mill  
 06171 SPRINGS-Automotive  
 06215 SPRINGS-Bedding & Furniture  
 06259 SPRINGS-Clock & Watch  
 06292 SPRINGS-Coil  
 06310 SPRINGS-CV Line Seal  
 06336 SPRINGS-Flat  
 06370 SPRINGS-Helical

06413 SPRINGS-Nonferrous  
 06457 SPRINGS-Torsion  
 06490 SPRINGS-Valve  
 06534 STAPLES-Wire  
 06578 STAYS-Fence  
 06611 STRAINERS-Wire Cloth  
 06655 STRAND-Prestressed Concrete  
 06752 STUDS-Wire  
 06776 TACKS-Wire  
 06810 TIES-Wire  
 06850 TURNBUCKLES  
 06974 WALL TIES-Wire

### Wire, Rod, Bar & Other Mill Products

20009 ALLOYS-Ferrous  
 20042 ALLOYS-Nonferrous  
 20086 ALLOYS-Precious Metals  
 20120 BARS-Aluminum  
 20163 BARS-Brass, Bronze, Nickel, Silver, Etc.  
 20207 BARS-Cold Drawn  
 20220 BARS-Copper  
 20240 BARS-Hot Rolled  
 20260 BARS-Magnesium  
 20284 BARS-Merchant  
 20328 BARS-Nickle Silver  
 20361 BARS-Phosphor Bronze  
 20405 BARS-Rare Metals  
 20449 BARS-Reinforcement  
 20460 BARS-Stainless Steel  
 20473 BARS-Titanium  
 20477 BARS-Zirconium  
 20482 BILLETS-Aluminum  
 20526 BILLETS-Cupro-Nickel  
 20540 BILLETS-Stainless Steel  
 20560 BILLETS-Steel  
 20575 BILLETS-Titanium  
 20603 BRONZE-Bar, Ingot & Rod  
 20701 CONDUCTORS-Aluminium  
 20705 CONDUCTORS-Copper  
 20710 CONDUCTORS-Nickel Plated Copper  
 20715 CONDUCTORS-Silver Plated Copper  
 20720 CONDUCTORS-Tin Plated Copper  
 20845 LEAD-Pig, Ingot, Block, Bar, Etc.  
 20889 ROD & BAR COILS-Cold Heading  
 20922 ROD-Alloy, Nonferrous  
 21000 ROD-Alloy Steel  
 21043 ROD-Aluminum  
 21087 ROD-Basic  
 21120 ROD-Beryllium Copper  
 21164 ROD-Brass & Bronze  
 21208 ROD-Clad, Nonferrous  
 21220 ROD-Columbium  
 21241 ROD-Copper & Copper Alloy  
 21285 ROD-Copper Covered Steel  
 21329 ROD-Free Machining Quality  
 21342 ROD-Hexagonal, Round & Special  
 21362 ROD-High Carbon  
 21406 ROD-High Speed Steels  
 21418 ROD-Magnesium  
 21425 ROD-Molybdenum  
 21440 ROD-Nickel Alloy  
 21483 ROD-Precious Metals  
 21560 ROD-Scrapless Nut Quality  
 21604 ROD-Stainless Steel  
 21650 ROD-Tantalum

21681 ROD-Titanium  
 21725 ROD-Tool Steel  
 21769 ROD-Threaded  
 21802 ROD-Tungsten  
 21846 ROD-Welding Electrode Quality  
 21880 ROD-Wire, Steel  
 21885 ROD-Zirconium  
 21890 TINSEL-Electric Conductor  
 21900 TINSEL-Lame, Lahn, Etc.  
 21910 TINSEL-Wire, Resistance  
 21967 WIRE-Aerial  
 22000 WIRE-Aircraft  
 22044 WIRE-Aircraft Lockwire  
 22088 WIRE-Alloy, Various Kinds  
 22121 WIRE-Aluminized Steel  
 22165 WIRE-Aluminum, EC Grade  
 22209 WIRE-Aluminum Alloy  
 22242 WIRE-Aluminum Clad Steel  
 22286 WIRE-Aluminum, Copper Clad  
 22363 WIRE-Aluminum, Silver Plated  
 22407 WIRE-Annealed  
 22428 WIRE-Antennae  
 22440 WIRE-Armature Winding & Banding  
 22484 WIRE-For Armoring Cable  
 22528 WIRE-Automotive  
 22620 WIRE-BSCCO  
 22649 WIRE-Baling  
 22682 WIRE-Ball  
 22726 WIRE-Basic  
 22760 WIRE-Bearing  
 22803 WIRE-Belt Reinforcement & Lacing  
 22847 WIRE-Beryllium Copper  
 22880 WIRE-Bimetal  
 22968 WIRE-Black Annealed  
 23001 WIRE-Bolt  
 23045 WIRE-Bookbinders (Stitching)  
 23089 WIRE-Box Binding  
 23122 WIRE-Box Stapling  
 23200 WIRE-Braided  
 23243 WIRE-Braiding  
 23287 WIRE-Braiding, Flat  
 23364 WIRE-Brass  
 23408 WIRE-Brass Plated Steel  
 23529 WIRE-Bright  
 23562 WIRE-Bronze  
 23606 WIRE-Broom & Brush  
 23640 WIRE-Bunch & Stranded, For Electric Conductors  
 23683 WIRE-Bundling  
 23727 WIRE-Cable Shielding  
 23804 WIRE-Cadmium  
 23848 WIRE-Cadmium Copper  
 23881 WIRE-Card Clothing  
 23925 WIRE-Cast Steel  
 24002 WIRE-Chain  
 24046 WIRE-Chain Link Fabric  
 24123 WIRE-Chrome Molybdenum  
 24167 WIRE-Chrome Silicon  
 24200 WIRE-Chrome Vanadium  
 24244 WIRE-Clip  
 24288 WIRE-Clock & Watch Spring  
 24321 WIRE-Closure  
 24365 WIRE-Coat Hanger  
 24378 WIRE-Cobalt  
 24409 WIRE-Coil Spring  
 24442 WIRE-Cold Drawn Steel  
 24486 WIRE-Cold Heading

24520 WIRE-Cold Rolled Steel  
24563 WIRE-Columbium  
24607 WIRE-Commercial Bronze  
24640 WIRE-Concrete Reinforcement  
24650 WIRE-Control Brake Clutch  
24660 WIRE-Controlled Expansion  
24684 WIRE-Copper Alloy  
24728 WIRE-Copper, Alloy Plated  
24761 WIRE-Copper, Bare  
24805 WIRE-Copper Clad Steel  
24849 WIRE-Copper, Gold Clad  
24882 WIRE-Copper, Nickel Iron Clad  
24926 WIRE-Copper, Nickel Clad  
24960 WIRE-Copper, Nickel Plated  
25003 WIRE-Copper, Silver Clad  
25047 WIRE-Copper, Silver Plated  
25080 WIRE-Copper, Stainless Steel Clad  
25124 WIRE-Copper, Tin Plated  
25168 WIRE-Coppered  
25245 WIRE-Corrosion Resistant  
25289 WIRE-Cotter Pin  
25322 WIRE-Crimped  
25366 WIRE-Curled, Flat or Round  
25381 WIRE-Dental  
25400 WIRE-Drawn Brazed Strand  
25423 WIRE-EDM Electric Discharge Machine  
25443 WIRE-Electronic Tube Lead-in  
25487 WIRE-For Elevator Hoisting Cable  
25520 WIRE-Enameling, Processed For  
25564 WIRE-Fabric, Braided  
25608 WIRE-For Fabric, Welded Reinforcing  
25685 WIRE-Fencing  
25729 WIRE-Filament  
25806 WIRE-Filter  
25840 WIRE-Fine Sizes (All Kinds)  
25900 WIRE-Fishing  
25927 WIRE-Flat  
25960 WIRE-Flexible Electric Tinsel  
26004 WIRE-Flexible Shaft  
26024 WIRE-Florist  
26048 WIRE-Fourdrinier  
26081 WIRE-Fuse, Electric  
26125 WIRE-Galvanized Armor For Cable  
26169 WIRE-Galvanized Steel  
26323 WIRE-Gold Coated Steel  
26367 WIRE-Gold Plated & Clad  
26400 WIRE-Gold or Silver  
26488 WIRE-Guy  
26515 WIRE-HTS  
26521 WIRE-Hair Curler  
26565 WIRE-Hairpin  
26609 WIRE-Half Round  
26625 WIRE-Hard Drawn  
26642 WIRE-Heat Resistant  
26662 WIRE-Heating Element  
26686 WIRE-Hexagonal  
26720 WIRE-High Carbon  
26763 WIRE-High Speed Steel  
26807 WIRE-High Temperature  
26840 WIRE-Hose Reinforcement, High Carbon  
26884 WIRE-Instrument  
26928 WIRE-Iron  
26961 WIRE-Iron, Nickel Plated  
26983 WIRE-Knitting  
27005 WIRE-Lashing  
27049 WIRE-Lead  
27082 WIRE-Lead Alloy Coated  
27160 WIRE-Line, Aluminum  
27203 WIRE-Line, Aluminum Clad Steel  
27247 WIRE-Line, Copper Clad Steel  
27280 WIRE-For Link, Woven & Welded Fabrics  
27324 WIRE-Liquor Finished  
27368 WIRE-Litz & Litz Cable  
27401 WIRE-Lock Washer  
27412 WIRE-Low Carbon  
27422 WIRE-Magnet  
27445 WIRE-Manufacturers  
27489 WIRE-Mattress  
27505 WIRE-Medical  
27522 WIRE-Merchant  
27533 WIRE-Metalizing  
27566 WIRE-Molybdenum  
27600 WIRE-Molybdenum, Tungsten  
27610 WIRE-Music Spring

27615 WIRE-Nail  
27620 WIRE-Needle  
27643 WIRE-Nickel-Copper Alloys, Fine  
27687 WIRE-Nickel-Copper Alloys, Nickel-Chrome-Iron Alloys, Etc.  
27720 WIRE-Nickel-Copper Alloys, Piano  
27885 WIRE-Nickel Chromium  
27929 WIRE-Nickel Clad  
27962 WIRE-Nickel Plated  
28006 WIRE-Nickel, Pure  
28040 WIRE-Nickel, Silver Clad  
28083 WIRE-Nickel Steel  
28092 WIRE-Nonferrous  
28100 WIRE-Nylon Coated  
28127 WIRE-Oil Tempered Spring  
28160 WIRE-Oval  
28224 WIRE-Palladium  
28248 WIRE-Paper Clip  
28281 WIRE-Pin  
28369 WIRE-Plastic Coated Steel  
28402 WIRE-Plastic Coated Stainless Steel  
28446 WIRE-Plated, Miscellaneous  
28480 WIRE-Plating Quality Steel  
28523 WIRE-Platinum  
28567 WIRE-Platinum Alloys  
28600 WIRE-Plow Steel  
28644 WIRE-Prestressed Concrete  
28688 WIRE-Reinforcement  
28721 WIRE-Resistance  
28740 WIRE-Rhenium  
28765 WIRE-Rhodium  
28809 WIRE-Rivet  
28842 WIRE-Rope  
28863 WIRE-Rope Stainless Steel  
28886 WIRE-Screen  
28963 WIRE-Shaped  
28970 WIRE-Silicone  
29084 WIRE-Silver Clad  
29128 WIRE-Silver Plated  
29205 WIRE-Silver Solder  
29225 WIRE-Solder  
29249 WIRE-Solder Plated  
29282 WIRE-Spark Plug  
29326 WIRE-Spoiled, Ferrous & Nonferrous  
29360 WIRE-Spring  
29403 WIRE-Spoke  
29447 WIRE-Square  
29480 WIRE-Stainless Steel  
29601 WIRE-Staple  
29645 WIRE-Steel  
29689 WIRE-Steel, Nickel Plated  
29766 WIRE-Stove, Electrical  
29800 WIRE-Straightened & Cut  
29843 WIRE-Strand  
29887 WIRE-Strand, Galvanized Steel  
29920 WIRE-Stranded Copper  
29925 WIRE-Stranded Copper Clad Steel  
29964 WIRE-Stripping, Cutting, Tinning & Terminating, Custom  
29965 WIRE-Stripping, Chemical  
29984 WIRE-Superalloys  
30008 WIRE-Superconducting  
30129 WIRE-Tantalum  
30159 WIRE-Taped Magnet  
30206 WIRE-Telephone, Exterior  
30240 WIRE-Thermocouple, Bare  
30262 WIRE-Thermocouple, Insulated  
30283 WIRE-Thermostat  
30327 WIRE-Tie  
30360 WIRE-Tin, Pure & Alloyed  
30404 WIRE-Tinned  
30481 WIRE-Tire Bead & Tire Cord  
30569 WIRE-Titanium  
30624 WIRE-Torsion Straight in Coil  
30680 WIRE-Tungsten  
30723 WIRE-Ultra Fine  
30767 WIRE-Upholstery Spring  
30800 WIRE-Vacuum Hose  
30844 WIRE-Valve Spring  
30888 WIRE-Welding  
30892 WIRE-Weaving  
31009 WIRE-Zinc  
31026 WIRE-Zinc, Aluminum  
31042 WIRE-Zipper  
31050 WIRE-Zirconium

## Machinery, Equipment, Supplies & Services

40007 ABRASIVES  
40040 ABRASIVES-Shot Blast Cleaning  
40084 ACCELERATORS-Pickling  
40128 ACID DISPOSAL SYSTEMS  
40161 ACID-Fatty  
40205 ACID INHIBITORS  
40249 ACID-Mineral  
40282 ACID PROOF CONSTRUCTION  
40326 ACID RECLAMATION PROCESS  
40360 ACID RESISTING PARTS  
40403 ADHESIVES AND CEMENTS  
40480 AIR POLLUTION CONTROL SYSTEMS  
40524 AIR WIPES-For Wires  
40568 ALLOYS-Hardsurfacing  
40630 ANNEALING HUBS & BANDS  
40645 ANODES  
40689 ANTIOXIDANTS-For Plasticizers Polyolefins and Rubber  
40766 ATMOSPHERE GENERATORS-For Furnaces  
40770 ATMOSPHERES-Protective  
40772 AUTOCLAVES-Cable Testing  
40782 AUTOCLAVES-CV Line  
40790 AUTOCLAVES-Pressure Curing  
40810 AUTOCLAVES-Vulcanizing  
40920 BELTS-Abrasive  
40975 BLOCKS-Ceramic  
40985 BLOCKS-Hard Surfacing  
41008 BLOCKS-Straightening  
41041 BLOCKS-For Wire Drawing  
41085 BLOWERS  
41129 BOBBINS-Braider, Stranding, and Weaving  
41206 BORON CARBIDE-For Ripping & Semifinishing of Dies  
41240 BOXES-Annealing, Galvanizing & Case Hardening  
41327 BRAIDERS-and Accessories  
41350 BRAKES-For Machinery Drives  
41355 BRAKES-Tensioning  
41404 BRAZERS-For Joining Wire  
41448 BRAZING ALLOYS  
41525 BRICKS & CEMENTS-Acid Proof  
41610 BULK STORAGE & DISTRIBUTION SYSTEMS-Cable Filling, Weatherproofing Compounds  
41646 BURNERS-Gas  
41680 BURNERS-Oil  
41767 BUSHINGS-Tungsten Carbide  
41800 CABLE END SEALS-Heat Shrinkable  
41844 CABLE FILLERS  
41852 CABLE FILLING & FLOODING SYSTEMS-Weatherproofing Compounds  
41860 CABLE FILLING SYSTEMS-Filling Compounds  
41868 CABLE FILLING SYSTEMS-Hot Melt Compounds  
41876 CABLE FILLING SYSTEMS-Sealing & Impregnating Compounds  
41888 CABLE LACQUERING SYSTEMS  
41921 CABLE WRAPS AND SHIELDS  
42150 CAPSTANS  
42153 CAPSTAN Belts  
42155 CAPSTAN CLEATS  
42163 CAPSTAN RINGS  
42207 CAPSTANS-Pull Out, including Linear Types, for Wire  
42284 CARRIERS-Wire & Rod  
42289 CATALYSTS-Cross Linking  
42294 CATALYSTS-For Lacquering & Enameling Systems  
42361 CEMENTS-Refractory and Acid Proof  
42405 CHEMICALS-Descaling  
42449 CHEMICALS-Dispersion, Sodium, Sulfonate  
42461 CHEMICALS-Inorganic  
42470 CHEMICALS-Pollution Control  
42482 CHEMICALS-Solvent  
42501 CHEMICALS-Tinning  
42526 CHEMICALS-Ultrasonic Cleaning  
42582 CLEANERS-Lubricating System  
42587 CLEANING-In-Line Wire-Descaling

42592 CLEANING-In-Line Wire-Desoaping  
42597 CLEANING-In-Line Wire-Decoating  
42603 CLUTCHES-For Machinery Drives  
42610 CLUTCHES-Tensioning  
42647 COATED FABRICS-For Insulation  
42663 COATINGS-Borax  
42680 COATINGS-Cable  
42724 COATINGS-Copper, for Wire  
42768 COATINGS-Corrosion Proofing  
42801 COATINGS-Nail, Phenolic & Epoxy Base  
42845 COATINGS-Phosphate, for Wire  
42932 COATINGS-Rod & Wire, Nonhygroscopic  
42966 COATINGS-For Screens and Fences  
42988 COATINGS-Teflon  
43000 COATINGS-For Yarns  
43043 CODE MARKERS  
43087 COIL WINDING EQUIPMENT  
43120 COLD WELDERS-Pressure Type  
43150 COLOR CONCENTRATES  
43164 COMPACTORS-Wire Coil  
43208 COMPARATORS-Optical  
43329 COMPOUNDS-Acid Proofing  
43362 COMPOUNDS-Annealing & Patenting  
43406 COMPOUNDS-Antifoam  
43440 COMPOUNDS-Antifraying  
43483 COMPOUNDS-Brazing  
43527 COMPOUNDS-Cable Filling & Potting  
43560 COMPOUNDS-Chromate Coating  
43604 COMPOUNDS-Cleaning Wire  
43618 COMPOUNDS-Coating, Alkaline  
43632 COMPOUNDS-Coating, Metallic  
43648 COMPOUNDS-Cold Heading  
43681 COMPOUNDS-Coppering  
43725 COMPOUNDS-Corrosion Preventive  
43730 COMPOUNDS-Crosslinkable Polyolefin  
43750 COMPOUNDS-Crosslinkable PVC  
43769 COMPOUNDS-Diamond Powder  
43815 COMPOUNDS-Elastomers, Thermo-plastic  
43818 COMPOUNDS-Elastomers, Thermosets  
43822 COMPOUNDS-Epoxy  
43846 COMPOUNDS-Foam Producing  
43856 COMPOUNDS-Jacketing for Insulated Wire  
43880 COMPOUNDS-Metallic, Surface Protecting  
43900 COMPOUNDS-Olefins  
43923 COMPOUNDS-Pickling  
43967 COMPOUNDS-Polybutadiene  
44000 COMPOUNDS-Polyethylene  
44044 COMPOUNDS-Polypropylene  
44088 COMPOUNDS-Polyurethane  
44121 COMPOUNDS-Polyvinyl Chloride  
44165 COMPOUNDS-Purging (For Plastic Extruders)  
44209 COMPOUNDS-Rubber, Natural & Synthetic  
44242 COMPOUNDS-Sealing & Impregnating  
44252 COMPOUNDS-Semiconductive  
44262 COMPOUNDS-Silicone Rubber  
44286 COMPOUNDS-Soldering & Brazing  
44320 COMPOUNDS-Tinning  
44363 COMPOUNDS-Weatherproofing  
44407 COMPOUNDS-Wire Shapes & Flats Drawing  
COMPOUNDS-Wire & Tube Drawing: (See LUBRICANTS)  
44430 COMPUTER SOFTWARE-Manufacturing Scheduling  
44440 COMPUTER SOFTWARE-Production Costing  
44445 COMPUTER SOFTWARE-Quality Systems  
44484 CONNECTORS-Electric Wire  
44485 CONNECTORS-Coaxial Cable  
44486 CONNECTORS-Twinaxial/Triaxial Cable  
44561 CONTROLS-Automatic Machine  
44682 COOLING TROUGHS-Electric Wire  
44803 CORE TUBES  
44847 CORE WRAP-For Cable  
44880 COUNTERS-Wire Measuring  
44924 COUPLINGS-Flexible Drive  
44936 COUPLINGS-Fluid

**44954** COUPLINGS-Variable Speed  
**44968** CRANES & HOISTS  
**45010** CREDIT & LEASING SERVICE  
**45045** CUTTERS-Bolt, Wire & Cable  
**45089** CUTTERS-Power  
**45122** DEPOLYMERIZED RUBBER-Cable Filling & Potting  
**45166** DEPOLARIZING AGENTS-Pickling  
**45200** DESCALERS-Mechanical  
**45243** DESCALING ROLL INSERTS-Carbide  
**45287** DIAMOND-Points and Splints  
**45300** DIAMOND-Processed  
**45310** DIAMOND-Sturries  
**45320** DIAMOND POWDER  
**45364** DIAMOND POWDER-Salvage  
**45390** DIAMOND-Reclaiming  
**45408** DIAMOND WHEELS  
**45441** DIAMONDS-Industrial  
**45470** DIE CLEANING  
**45485** DIE HOLDERS-Water Cooled  
**45529** DIE HONING and LAPPING EQUIPMENT  
**45606** DIE PIN GRINDERS  
**45640** DIE RIPPING EQUIPMENT  
**45683** DIE SHAPERS & ACCESSORIES  
**45727** DIE SIZING MACHINES-Single & Multiple Spindle  
**45760** DIES-Bar Drawing  
**45804** DIES-Blanks & Nibs, Carbide  
**45848** DIES-Bolt Threading  
**45881** DIES-Bunching  
**45925** DIES-Carbide  
**45945** DIES-Carbide, Split  
**45969** DIES-Ceramic  
**45971** DIES-Compax  
**46002** DIES-Cold Heading  
**46046** DIES-Diamond  
**46054** DIES-Diamond, Stranding  
**46066** DIES-Diamond, Synthetic  
**46123** DIES-Diamond, Tin Wiping  
**46167** DIES-Diamond, Wire Drawing  
**46175** DIES-Dual  
**46200** DIES-Electrode Coating  
**46244** DIES-For Enameling  
**46321** DIES-Hasteloy  
**46343** DIES-Plastic & Rubber Extrusion  
**46365** DIES-Pointing  
**46409** DIES-Pressure Inserts  
**46442** DIES-Rectcutting and Repairing Service  
**46520** DIES-Sectional  
**46530** DIES-Shaving  
**46540** DIES-Steel  
**46563** DIES-Stranding  
**46584** DIES-Sumidie  
**46607** DIES-Swaging  
**46612** DIES-Syndite  
**46640** DIES-Thread Rolling  
**46684** DIES-Tinning  
**46728** DIES-Tube Drawing  
**46761** DIES-Tungsten Carbide Wire Drawing  
**46790** DOGS-Pulling in  
**46805** DOWELS-Wire  
**46926** DRUMS-For Cable Reels  
**46960** DRUMS-Fiber for Wire Packaging  
**47003** DRUMS-Steel for Wire Packaging  
**47047** DYES-Color Dispersions for Plastics  
**47124** ELECTRODE UNITS-For Sparkers  
**47168** ELECTROPLATING SYSTEMS  
**47201** ELECTROPOLISHING SYSTEMS  
**47289** ENAMELS-Magnet Wire  
**47322** ENAMELING & LACQUERING SYSTEMS  
**47366** ENGINEERS-Consulting  
**47400** ENGRAVERS-For Wire Coding Wheels  
**47485** EXTRUDER BARRELS  
**47493** EXTRUDER SCREWS  
**47494** EXTRUSION CROSSHEADS  
**47496** EXTRUSION-Gear Pumps  
**47500** EXTRUSION TIPS & DIES  
**47510** EXTRUSION TOOLING  
**47608** FILLERS-Asbestos, Plastic, Fiber Jute, Paper for Cable  
**47641** FILLERS-Clays, Cable Coating Compounding  
**47663** FILLERS-Petrolatum Compounds  
**47673** FILMS-Plastic  
**47685** FILMS-Plastic Tapes  
**47729** FILTER CLOTH-Wire  
**47762** FILTERING MEDIA-For Wire Drawing Lubricants  
**47804** EMULSION DISPOSAL SYSTEMS-Lubricants  
**47806** FILTRATION SYSTEMS-Lubricant  
**47883** FINISHING MATERIALS-For Insulated Wire  
**47960** FLOTATION CLARIFIERS-For Drawing Lubricants  
**48004** FLUX-Galvanizing, Hot Dip  
**48048** FLUX-Soldering  
**48081** FLUX-Tinning  
**48120** FLYER BOWS  
**48202** FURNACES-(See Also OVENS)  
**48246** FURNACES-Aluminizing  
**48280** FURNACES-Annealing  
**48323** FURNACES-Annealing Accessories  
**48343** FURNACES-Annealing, Gas  
**48367** FURNACES-Annealing, Hardening, Tempering  
**48400** FURNACES-Billet Heating  
**48420** FURNACES-Bell Type  
**48444** FURNACES-Casting, Continuous  
**48488** FURNACES-Continuous Annealing  
**48521** FURNACES-Controlled Atmosphere  
**48565** FURNACES-Descaling, Salt Bath  
**48609** FURNACES-Electric  
**48642** FURNACES-Enameling  
**48662** FURNACES-Fluidized Bed  
**48686** FURNACES-Galvanizing  
**48720** FURNACES-Gold & Silver  
**48763** FURNACES-Heat Treating  
**48807** FURNACES-High Frequency Annealing, Continuous  
**48820** FURNACES-Induction  
**48840** FURNACES-Lead Bath Annealing  
**48884** FURNACES-Oil Tempering  
**48928** FURNACES-Patenting  
**48961** FURNACES-Rod Heating  
**49005** FURNACES-Salt Bath  
**49049** FURNACES-Spheroidizing  
**49082** FURNACES-Tinning  
**49126** FURNACES-Vacuum and Protective Atmosphere  
**49143** GAGES-Aluminum Strip  
**49160** GAGES-Capacitance, Extruded Wire  
**49182** GAGES-Copper Strip  
**49190** GAGES-Diameter Control  
**49203** GAGES-Die Hole  
**49225** GAGES-Eccentricity  
**49247** GAGES-Eddy Current, for Wire  
**49280** GAGES-Electronic, for Springs  
**49300** GAGES-Force Measuring  
**49340** GAGES-Length Measurement  
**49350** GAGES-Speed Measurement  
**49368** GAGES-Thickness Control  
**49522** GENERATORS-Furnace Atmospheres  
**49687** GUIDE ROLLS-Acid Resisting  
**49720** GUIDE ROLLS-Carbide  
**49730** GUIDES-Carbide  
**49740** GUIDES-Diamond Tipped  
**49750** GUIDES ROLLER  
**49764** GUIDES-Wire  
**49880** HAND TOOLS  
**49885** HARD SURFACING SERVICE  
**50040** IDENTIFICATION MARKERS-Wire  
**50083** IMPREGNANTS-For Electric Cable  
**50160** INDUCTION HEATING COILS  
**50204** INK PRINTING MACHINES-For Marking or Coding Insulated Wire  
**50248** INK PRINTING WHEELS-For Insulated Wire  
**50281** INKS-Color Coding, Solid or Stripping  
**50300** INKS-Water  
**50369** INSULATING CLOTH-(All Types: Cambric, Glass, Etc.)  
**INSULATING MATERIALS** (See COMPOUNDS and PLASTICS)  
**50420** IRRADIATION EQUIPMENT-For Wire Insulations  
**50430** IRRADIATION (SERVICES)-For Wire and Cable Insulation/Jackets  
**50446** JAWS-Tensile Testing: Puller, Pincer Types  
**50523** JIGS & FIXTURES  
**50644** KETTLES-Galvanizing, Annealing, Tinning, Etc.  
**50656** KNIVES-Cutoff & Shearing  
**50688** KNIVES-Dicing, Granulating, Pelletizing  
**50721** LABELS & TAGS-For Marking or Coding  
**50765** LACQUER & ENAMELS LACQUERING SYSTEMS (See ENAMELING SYSTEMS)  
**50963** LEAD-Reclaiming  
**51007** LEAD BATH COVERS  
**51040** LIME & ADDITIVES  
**51084** LININGS-Acid-Proof Tank LOOMS & ACCESSORIES (See MACHINERY-Weaving Wire Cloth)  
**51130** LUBRICANTS-Applicators  
**51132** LUBRICANTS-Bright Wire Grease  
**51144** LUBRICANTS-Dry Wire Drawing  
**51161** LUBRICANTS-Molybdenum Disulfide  
**51183** LUBRICANTS-Oil Drawing  
**51215** LUBRICANTS-Soap  
**51222** LUBRICANTS-Synthetic, for Wire Drawing  
**51224** LUBRICANTS-Teflon, Fluorocarbon Resin  
**51226** LUBRICANTS-Tefzel, Fluoropolymer Resin  
**51227** LUBRICANTS-Waxes for Drawing  
**51249** LUBRICANTS-Wet Wire Drawing  
**51254** LUBRICANTS AND PRESERVATIVES-Wire Rope  
**51358** LUBRICATORS-Wire  
**51360** LUBRICATORS-Pressure, for Drawing Dies  
**51403** MACHINERY-Accumulators  
**51450** MACHINERY-Appraisals, Auctions, Liquidations  
**51480** MACHINERY-Armoring (Cable Hose, Etc. with Wire)  
**51524** MACHINERY-Bag Tie  
**51601** MACHINERY-Bale Tie  
**51645** MACHINERY-Ball Heading  
**51665** MACHINERY-Banding Wire  
**51689** MACHINERY-Bar Cleaning  
**51722** MACHINERY-Bar Drawing  
**51743** MACHINERY-Bar End Separators  
**51766** MACHINERY-Bar Shaving & Peeling  
**51800** MACHINERY-Barbed Wire  
**51843** MACHINERY-Barrels, for Parts Cleaning  
**51887** MACHINERY-Bed Spring  
**51920** MACHINERY-Billet Casting  
**51964** MACHINERY-Billet Scalping  
**52008** MACHINERY-Blenders  
**52085** MACHINERY-Bobbin Winders  
**52129** MACHINERY-Bolt & Nut Making  
**52162** MACHINERY-Bolt Pointing  
**52206** MACHINERY-Bolt Threading  
**52283** MACHINERY-Braiding  
**52327** MACHINERY-Brazing Wire  
**52404** MACHINERY-Bull Block  
**52448** MACHINERY-Bunching  
**52525** MACHINERY-For B X Cable  
**52530** MACHINERY-C.N.C. Bending  
**52535** MACHINERY-Cable Closing  
**52540** MACHINERY-Cable Dusting  
**52547** MACHINERY-Cable Filling & Flooding  
**52569** MACHINERY-Cable Making  
**52602** MACHINERY-Cable Sheathing  
**52646** MACHINERY-Cabling Electric  
**52680** MACHINERY-Casting, Continuous  
**52695** MACHINERY-Caterpillar Capstans  
**52767** MACHINERY-Chain Link Netting  
**52800** MACHINERY-Chain Making  
**52925** MACHINERY-Cleaning, Air Blast  
**52950** MACHINERY-Cleaning, Mechanical  
**53120** MACHINERY-Coil and Armature Winding  
**53163** MACHINERY-Coil Binding, Automatic  
**53200** MACHINERY -Coil Cleaning  
**53207** MACHINERY-Coil Compacting and Strapping  
**53240** MACHINERY-Coil Handling  
**53284** MACHINERY-Coil Take-Up  
**53328** MACHINERY-Coil Wrapping  
**53361** MACHINERY-Coilers, Rod  
**53405** MACHINERY-Coiling Wire  
**53449** MACHINERY-Cold Forming  
**53494** MACHINERY-Cold Heading  
**53526** MACHINERY-Cold Heading Wire Preheater  
**53575** MACHINERY-Color Coding Electric Wire  
**53580** MACHINERY-Compound Mixers  
**53585** MACHINERY-Compound Pelletizers & Dicers  
**53647** MACHINERY-Controls and Control Panels  
**53680** MACHINERY-Cotter Pin  
**53724** MACHINERY-Counting, Continuous  
**53768** MACHINERY-Crimping Wire  
**53780** MACHINERY-Crosslinking  
**53801** MACHINERY-Cutter (Bar, Rod, Wire, Etc.)  
**53820** MACHINERY-Dancers  
**53822** MACHINERY-Data Acquisition  
**53845** MACHINERY-Dead Blocks (Stationary Coilers)  
**53889** MACHINERY-Deburring Butt Welds  
**53922** MACHINERY-De-reeling  
**53966** MACHINERY-Diameter Control  
**54000** MACHINERY-Die Holder, Rotating  
**54022** MACHINERY-Die Making and Servicing  
**54043** MACHINERY-Draw, Anneal, Tin  
**54087** MACHINERY-Draw Benches  
**54097** MACHINERY-Drawing and Annealing Copper Wire, Continuous  
**54105** MACHINERY-Drawing and Annealing Wire, Continuous  
**54164** MACHINERY-Drawing Copper Wire  
**54208** MACHINERY-Drawing Solder Wire  
**54241** MACHINERY-Drawing Tungsten Wire  
**54261** MACHINERY-Drawing Wire  
**54285** MACHINERY-Drawing Wire (Fine)  
**54329** MACHINERY-Drawing Wire for Cold Heading  
**54362** MACHINERY-Drawing Wire, Precious Metal  
**54406** MACHINERY-Drives, Variable Speed  
**54440** MACHINERY-Enameling Take-Ups  
**54483** MACHINERY-Enameling Wire  
**54490** MACHINERY-Extruder Screens  
**54505** MACHINERY-Extruder Screw Making  
**54527** MACHINERY-Extruding Metal  
**54560** MACHINERY-Extruding Plastics & Rubbers (wire coating)  
**54570** MACHINERY-Extrusion Presses  
**54725** MACHINERY-Fence Making  
**54769** MACHINERY-Filling, Cable Attachments  
**54802** MACHINERY-Flat Wire  
**54824** MACHINERY-Flat Wire Profiles  
**54846** MACHINERY-Flat Wire Straightening and Cutting  
**54880** MACHINERY-Flat Wire Take-Ups and Reelers  
**54940** MACHINERY-Fluid Bed Coating  
**54952** MACHINERY-Flyer Payouts  
**54955** MACHINERY-Forming Wire Microprecision  
**55000** MACHINERY-For Forming Wire Ties  
**55044** MACHINERY-Four & Multiple Slide Forming  
**55088** MACHINERY-Frame Forming  
**55121** MACHINERY-Frames, Galvanizing and Tinning  
**55165** MACHINERY-Frames, Patenting  
**55209** MACHINERY-Frames, Take-Up  
**55242** MACHINERY-Galvanizing  
**55286** MACHINERY-Gang Winders & Slitters  
**55320** MACHINERY-Garment Hangers  
**55341** MACHINERY-Garter Spring Makers  
**55363** MACHINERY-Granulating Plastics

55484 MACHINERY-Hair Pin	(Breakdown)	Pointing	64207 PAPER-Rust Inhibiting
55528 MACHINERY-Handle & Bail Formers	58400 MACHINERY-Rod Deadblock Take-Ups	61369 MACHINERY-Tube Marking, Numbering, Cut-Off	64240 PAPER-Waterproof
55570 MACHINERY-Hinge Making	58443 MACHINERY-Rod Flippers	61402 MACHINERY-Tube Mill	64284 PAPERS-Asbestos
55605 MACHINERY-Hopper Dryers	58487 MACHINERY-Rod Straighteners	61446 MACHINERY-Tubing, Flexible, Metallic	64318 PAPERS-High Temperature
55649 MACHINERY-Hopper Feed, Vibrating	58564 MACHINERY-Roll Grinders	61480 MACHINERY-Tubing, Rubber Covering	64328 PAPERS-Insulating
55682 MACHINERY-Hot Headers	58641 MACHINERY-Roll Winders, Wire Cloth	61523 MACHINERY-Tumbling Barrels	64361 PAPERS-Lining and Wrapping
55760 MACHINERY-Impregnating	58650 MACHINERY-Roller Chain Making	61567 MACHINERY-Turks Head	64376 PAPERS-Nomex Aramid
55803 MACHINERY-Impregnation Control, Paper Cable	58685 MACHINERY-Rolling Mills, Nonferrous	61644 MACHINERY-Twinning	64390 PAPERS-Separator
55825 MACHINERY-Injection Molding	58729 MACHINERY-Rolling Nonferrous Strip	61688 MACHINERY-Twisting Wire	64405 PASTES-Wire Drawing
55830 MACHINERY-Inspection	58762 MACHINERY-Rolling, Wire & Rod, Ferrous	61721 MACHINERY-Tying Wire	64449 PLASTIC COMPOUNDING-Custom
55847 MACHINERY-Insulated Wire Packaging	58772 MACHINERY-Rotating Bases for Take-Ups	61742 MACHINERY-U-Bolt	64482 PLASTIC PELLETS
MACHINERY-Insulated Wire (See MACHINERY-Extruding Plastics & Rubber)	58806 MACHINERY-Rubber Extrusion	61809 MACHINERY-Ultrasonic Cleaning	64520 PLASTICIZERS
55968 MACHINERY-Jute Serving	58840 MACHINERY-Rubber Working, Mills Calenders, Etc.	61820 MACHINERY-Ultrasonic Diamond Die Processing	64603 PLASTICS-For Dip Coating of Wire Products
56001 MACHINERY-Knitting Mesh	58960 MACHINERY-Screw Making	61831 MACHINERY-Used and Reconditioned	64647 PLASTICS-For Fluidized Bed Coating Process
56045 MACHINERY-Knotting Wire	58970 MACHINERY-Screws for Extruders	61864 MACHINERY-Vulcanizing, Cable Splicing & Molding	64680 PLASTICS RECLAIMING
56089 MACHINERY-Labeling, for Electric Wire & Cable	59004 MACHINERY-Sector Rolling Mills	61886 MACHINERY-Wall Thickness Control, Extruded Cable	64724 PLASTICS-For Wire Insulation
56122 MACHINERY-Laser Piercing of Diamond Dies	59048 MACHINERY-Serving, Yarn, Wire, Paper, Tape	61931 MACHINERY-Washer & Screw Blank Assemblers	64801 PLIERS-For Fine Wire
56166 MACHINERY-Lathes, Billet Scalping	59081 MACHINERY-Shank Slotters	61963 MACHINERY-Washers, Spring	64889 POLISHERS-Insulated Wire
56200 MACHINERY-Lead Presses, Cable	59125 MACHINERY-Shape Straightening	61974 MACHINERY-Wax & Compound Impregnating & Saturating	64920 POLLUTION CONTROL SYSTEMS
56243 MACHINERY-Lead Sheath Stripping	59130 MACHINERY-Sheaves (Aluminum)	62007 MACHINERY-Weaving Wire Cloth (Looms)	64966 POT CLEANERS
56250 MACHINERY-Length Measurement	59169 MACHINERY-Shaving Rod or Wire	62084 MACHINERY-Welding Electrodes, 62128 MACHINERY-Welding Rod Coiler	65043 POWDERS-Elemental & Alloys
56262 MACHINERY-Liquid Chillers	59202 MACHINERY-Shears for Wire Cloth & Mesh	62161 MACHINERY-Welding Wire Mesh and Fabric	65120 PULLEYS-Ceramic, Fiber, Nylon, Steel
56287 MACHINERY-Loading, for Rod & Wire	59246 MACHINERY-Shot Peening, Springs	62235 MACHINERY-Wire Bending	65164 PULLEYS-Variable Speed
56364 MACHINERY-Marking Electric Wire	59280 MACHINERY-Shot, Wire	62249 MACHINERY-Wire & Cable Cutting	65295 RACKS-For Rod and Wire Storage
56408 MACHINERY-Marking Metal	59323 MACHINERY-Shredding Copper Wire (for reclamation)	62282 MACHINERY-Wire Carriers	65329 RECLAIMING-Precious Metals, Brass Copper, Steel, Etc.
56441 MACHINERY-Material Handling Systems, Overhead	59367 MACHINERY-Slitting	62287 MACHINERY-Wire Coating	65340 RECLAIMING-Scrap, Sludge, Etc. Base Metals
56485 MACHINERY-Measuring, Cutting and Winding Wire Cloth	59488 MACHINERY-Special	62290 MACHINERY-Wire Custom Design	65351 RECLAIMING SCRAP WIRE-Base Metals
56529 MACHINERY-Mesh Fabrication	59565 MACHINERY-Spike	62326 MACHINERY-Wire Plating	65362 RECORDERS-Tension
56640 MACHINERY-Nail, Tack & Equipment	59642 MACHINERY-Spiral Binding	62360 MACHINERY-Wire Pullers and Wedge Grips	65406 RECORDERS-Thermostatic Controlling
56683 MACHINERY-Nail, Bolt and Screw Packaging	59686 MACHINERY-Spiral Winding (Wire) Hose Reinforcement	62403 MACHINERY-Wire Rope	65440 REEL COVERS-For Electric Cable
56727 MACHINERY-Nail Cleaning and Packing	59763 MACHINERY-Spool Winders, for Weaving Looms	62447 MACHINERY-Wire Rope, for Plastic Coating	65483 REEL HANDLING EQUIPMENT
56760 MACHINERY-Nail Threading (Roll)	59807 MACHINERY-Spooling Take-Ups & Payouts	62460 MACHINERY-Wire Shaving	65490 REEL HANDLING SYSTEMS-Robotic
56804 MACHINERY-Nailing	59840 MACHINERY-Spooling Wire	62480 MACHINERY-Wire Winding	65527 REEL HARDWARE
56925 MACHINERY-Nut Forming (Cold)	59884 MACHINERY-Spring Grinding	62568 MACHINERY-Wrapping Wire Coils Spirally with Paper	65560 REEL HEADS-Laminated Wood
56969 MACHINERY-Nut Forming (Hot)	59928 MACHINERY-Spring Making & Looping	62689 MANDRELS-Extrusion	65604 REEL HUBS-Steel
57046 MACHINERY-Nut Trimming, Chamfering, Tapping	59961 MACHINERY-Spring, Zig-Zag Types	62722 MANDRELS-Tube, Carbide	65648 REEL REPAIR EQUIPMENT-For Steel Cable Reels
57070 MACHINERY-Packaging Electrical Wire	59980 MACHINERY-Springs, Double Torsion	62766 MARKERS-For Wire, Self-adhering	65681 REEL REPAIR SERVICE-(metal)
57080 MACHINERY-Packaging, Wire Drum	60005 MACHINERY-Staple Making	62800 MARKING DEVICES-Machines, Wheels, Type, Tags, Tapes, Labels	65725 REEL AND TENSION STANDS-Pay-Off
57123 MACHINERY-Packing Nails, Bolts, Screws, Etc.	60126 MACHINERY-Straightening & Cutting Wire	63008 METERS-Microcoulomb Recorders for Oxidants	65802 REELS-Aluminum
57167 MACHINERY-Paper Clip	60180 MACHINERY-Straightening Rod, Bar & Tube	63041 MICROSCOPES-For Die Profile Contours	65846 REELS-Annealing
57200 MACHINERY-Paper Drying	60203 MACHINERY-Straining Rubber	63085 MILLS-Billet, Bar & Rod	65880 REELS-Automatic Welding Process
57244 MACHINERY-Patching Presses, Electric Cable	60247 MACHINERY-Stranding	63129 MILLS-Skelp & Narrow Strip	65923 REELS-Braider Take-Up (Steel)
57288 MACHINERY-Payoff Equipment	60324 MACHINERY-Strippers, Electric Wire (Hand & Power)	63162 MOTOR DRIVES-For Wire Machinery	65967 REELS-Cable
57365 MACHINERY-Pickling	60368 MACHINERY-Strippers of Insulated Wire for Salvage	63206 MOTORS-Torque, for Constant Tension Drives	66000 REELS-Collapsible Coiling
57520 MACHINERY-Pointing	60401 MACHINERY-Strippers, Wire Block	63283 OILS-Machine Lubricating	66044 REELS-Custom
57580 MACHINERY-Polyurethane Foam	60450 MACHINERY-Surface Treatment	63327 OILS-Quenching	66088 REELS-Detachable Head
57563 MACHINERY-Polishing Bar,Rod & Wire	60489 MACHINERY-Swaging	63347 OILS-Wire Drawing, Nonsmoking	66165 REELS-Flanged Steel Drums for Shipping
57607 MACHINERY-Portable Wire Straighteners	60522 MACHINERY-Take-Up (Constant Tension, Variable Speed)	63360 OVENS-Annealing	66209 REELS-Hardboard & Paper
57640 MACHINERY-Pot Cleaner	60566 MACHINERY-Take-Up, Dual Reel	63404 OVENS-Cable Lacquering and Enameling	66286 REELS-Plastic
57684 MACHINERY-Poultry Netting	60600 MACHINERY-Take-Up, Shaftless	63525 OVENS-Curing	66302 REELS-With Plastic Flanges
57700 MACHINERY-Powder Coating	60643 MACHINERY-Take-Up Finishing Line	63569 OVENS-Drying	66320 REELS-Plywood, for Wire and Cable
57761 MACHINERY-Preheating Wire	60687 MACHINERY-Take-Up & Winding	63602 OVENS-Enameling, Japanning, Lacquering	66363 REELS-Pressed Metal
57805 MACHINERY-Presses, Cable Covering (Lead and Aluminum)	60705 MACHINERY-Talcum Applicators	63646 OVENS-Infrared	66407 REELS-Process
57849 MACHINERY-Presses, Patching for Thermoplastic Coated Wire & Cable	60720 MACHINERY-Taping	63680 OVENS-Laboratory	66420 REELS-Reconditioned
57882 MACHINERY-Quadrupling	60764 MACHINERY-Tapping, Nut	63723 OVENS-Rod & Wire Baking	66440 REELS-Retail Dispensing
57926 MACHINERY-Rebuilding Service	60808 MACHINERY-Temperature Measuring Pyrometers (all types)	63767 OVENS-Rubber Curing	66484 REELS-Rod
57960 MACHINERY-Reel & Spool Straightening	60841 MACHINERY-Tension Controls	63844 OVENS-Spring Tempering	66528 REELS-Rope
58010 MACHINERY-Resistance Annealing	60885 MACHINERY-Tensile Testing	63888 OVENS-Tower (For Magnet Wire)	66561 REELS-Shipping
58047 MACHINERY-Resistance Welding	60929 MACHINERY-Terminating	63921 OVENS-Welding Rod Coating	66605 REELS-Steel
58080 MACHINERY-Respooling Wire	60962 MACHINERY-Thread Rolling	63965 PACKAGING EQUIPMENT-Bar, Rod, and Wire	66649 REELS-Take-Up and Payoff
58124 MACHINERY-Ring Forming	61083 MACHINERY-Tinning Wire	64009 PAINT-Insulating and Acid Proof	66682 REELS-Toroid Shaped
58168 MACHINERY-Ring Welding	61127 MACHINERY-Tinsel Rolling Mills	64042 PALLETES-Wire	66726 REELS-Vulcanizing
58201 MACHINERY-Rivet	61160 MACHINERY-Traverse Mechanisms	64086 PANS-Galvanizing	66760 REELS-Welding, Wire
58289 MACHINERY-Rod Butt Welding	61204 MACHINERY-Triplers	64120 PANS-Lead	66803 REELS-Wire, Fence, Etc.
58366 MACHINERY-Rod Drawing	61248 MACHINERY-Trolley Wire	64163 PANS-Vulcanizing	66847 REELS-Wire Mill
	61268 MACHINERY-Tube Bending		66880 REELS-Wood
	61281 MACHINERY-Tube Drawing & Forming		66881 REELS-Wood/Metal
	61325 MACHINERY-Tube End Flaring &		66924 REFRACTORIES-High Temperature
			66968 RESISTANCE ELEMENTS-Flexible Tinsel
			67001 RETARDERS-For Rubber Vulcanization
			67089 ROLLERS-Cage
			67122 ROLLERS-For Wire (Ceramic)
			67166 ROLLS-Carbid
			67186 ROLLS-Feed

67200 ROLLS-For Galvanizing, Plating, Etc.  
 67243 ROLLS-Sendzimir  
 67256 ROLLS-Sinker  
 67287 ROLLS-For Strip, Rod, Bar Mills  
 67320 ROLLS-For Wire Straightening  
 67364 ROLLS-Tungsten Carbide  
 67441 RUST REMOVERS  
 67529 SALTS-Annealing, Tempering  
 67540 SAMPLE PREPARATION-Chemical  
 67542 SAMPLE PREPARATION-Metallographic  
 67562 SCALES-Industrial  
 67622 SEPARATION SYSTEMS  
 67683 SHEAVES & PULLEYS  
 67760 SHUTTLES-For Cloth  
 67766 SHIELDING-Wire & Cable  
 67770 SOLVENT RECOVERY SYSTEMS  
 67881 SOLVENTS-Enamel, Lacquer and Paint  
 67969 SPIDERS-Annealing  
 68002 SPLICERS-For Wire  
 68020 SPOOL CAPS  
 68123 SPOOLS-Aluminum  
 68167 SPOOLS-Braider and Stitcher  
 68200 SPOOLS-Custom  
 68244 SPOOLS-Electric Wire  
 68288 SPOOLS-Fiber  
 68365 SPOOLS-Masonite  
 68409 SPOOLS-Metal Returnable  
 68442 SPOOLS-Metal, for Fine, Enameled, Annunciator, Insulated Wire and Solder (for Retail Sale)  
 68486 SPOOLS-Paper  
 68520 SPOOLS-Plastic  
 68542 SPOOLS-With Plastic Flanges  
 68563 SPOOLS-Pressed Wood  
 68575 SPOOLS-Steel  
 68587 SPOOLS-Wood  
 68594 SPOOLS & REELS-For Fiber Optics  
 68607 SPOOLS & REELS-Straightening, Reconditioning Service  
 68805 STEARATES-Aluminum  
 68815 STEARATES-Calcium  
 68835 STEARATES-Sodium  
 68849 STEP CONES-Ceramic  
 68882 STEP CONES-Steel  
 68926 STRETCHERS-Wire & Wire Fence  
 68960 SWAGERS-Hand  
 68964 SWAGERS-Power  
 69003 TACHOMETERS  
 69047 TAGS-Cable  
 69080 TANKS-Acid Proof (Pickling Plating, Cleaning)  
 69124 TANKS-Galvanizing & Pickling  
 69168 TAPE-Acetate  
 69201 TAPE-Asbestos  
 69230 TAPE-BSCCO  
 69245 TAPE-Cellophane  
 69250 TAPE-Flame Barrier  
 69270 TAPE-HTS  
 69289 TAPE-High Voltage for Splicing & Terminating  
 69322 TAPE-Identification, Separating Semiconductor for Wire and Cable  
 69366 TAPE-Insulating  
 69376 TAPE-Laminated  
 69400 TAPE-Marking, for Insulated Wire  
 69443 TAPE-Metal Conductor  
 69487 TAPE-Mylar (plain & coated)  
 69520 TAPE-Neoprene  
 69564 TAPE-Paper, Coated or Uncoated  
 69608 TAPE-Plastic  
 69641 TAPE-Pressure Sensitive  
 69685 TAPE-Rubberized  
 69729 TAPE-Semiconducting and Separating  
 69762 TAPE-Shielding  
 69806 TAPE-Slitting to Order  
 69830 TAPE-Superconducting  
 69840 TAPE-Teflon  
 69846 TAPE-Thermal Barrier  
 69883 TAPE-Tying, Coding, Identifying  
 69890 TAPE-Water Blocking  
 69927 TEMPERATURE CONTROL APPARATUS  
 69960 TENSION CONTROLS  
 70004 TENSION METERS  
 70024 TENSION METERS-Running or

Static Wire  
 70048 TESTERS-Abrasion, for Insulation  
 70081 TESTERS-Automated, for Insulated Wire  
 70125 TESTERS-Bend  
 70169 TESTERS-Bond  
 70181 TESTERS-Capacitance  
 70202 TESTERS-Chain  
 70246 TESTERS-Coating Thickness  
 70280 TESTERS-Coils, Magnet Wire  
 70300 TESTERS-Computerized Systems  
 70323 TESTERS-Continuity  
 70367 TESTERS-Corona & Ionization  
 70400 TESTERS-Diameter, Wire & Cable  
 70444 TESTERS-Dielectric  
 70488 TESTERS-Die Profile  
 70500 TESTERS-Eccentricity  
 70565 TESTERS-Eddy Current  
 70609 TESTERS-Elasticity  
 70642 TESTERS-Elongation  
 70686 TESTERS-Endurance (Rope)  
 70720 TESTERS-Extrusion Thickness  
 70763 TESTERS-Fatigue  
 70807 TESTERS-Flammability  
 70840 TESTERS-Flaws, Metal  
 70884 TESTERS-Hardness  
 70928 TESTERS-Hipot & H.V.  
 70961 TESTERS-Impact  
 71005 TESTERS-Infrared  
 71049 TESTERS-Low Temperature for Insulated Wire  
 71126 TESTERS-Moisture  
 71160 TESTERS-Multiconductors, Automatic  
 71203 TESTERS-Nondestructive  
 71247 TESTERS-Oil Dielectric  
 71280 TESTERS-Overpotential DC  
 71324 TESTERS-Ozone Chambers, Meters & Recorders  
 71401 TESTERS-Plating Thickness  
 71445 TESTERS-Resistance  
 71489 TESTERS-Rubber & Plastics  
 71522 TESTERS-Spark  
 71566 TESTERS-For Springs  
 71580 TESTERS-Stroboscopes  
 71600 TESTERS-Tensile  
 71643 TESTERS-Tension  
 71687 TESTERS-Textile  
 71720 TESTERS-Torsion  
 71764 TESTERS-Twist  
 71808 TESTERS-Ultrasonic  
 71812 TESTERS-Upset  
 71929 TESTERS-Viscosity  
 72006 TESTERS-Wet Wire Drawing Lubricants  
 72050 TESTING LABORATORIES  
 72083 THERMOSTATIC CONTROLS  
 72127 THIMBLES-Wire Rope  
 72204 TIES-Wire  
 72248 TIN  
 72369 TOOLS-Diamond for Mechanical Purposes  
 72381 TOOLS-Cold Heading  
 72390 TOOLS-Pneumatic for Nails & Staples  
 72396 TOOLS-Spring Forming Carbide  
 72402 TOOLS-Wire Twisting  
 72446 TOTE BOXES  
 72470 TRANSDUCERS-Tension  
 72475 TRANSDUCERS-Watt  
 72502 TRANSMISSION-Multispeed  
 72523 TRAVERSES-For Cable Reels  
 72587 TRUCKS-Cable Reels  
 72600 TRUCKS-Wire Mill  
 72644 TUBES-Radiant (for Furnaces)  
 72664 TUBING-Heat Shrinkable  
 72721 TWINE-Braiding and Lacing, for Cables  
 72765 VALVES-Acid Resisting  
 72809 VARNISHED CLOTH  
 72842 VARNISHES & LACQUERS-Electric Wire and Cable  
 72886 VENTILATING SYSTEMS-Plastic  
 72920 WATER POLLUTION CONTROL SYSTEMS  
 72963 WAX & COMPOUNDS-Wire Impregnating and Saturating  
 73007 WAXES-Natural and Synthetic  
 73040 WEAR RESISTING PARTS  
 73062 WELD FLASH REMOVERS

73084 WELDERS-Butt, Spot and Cross  
 73090 WELDERS-Cable  
 73100 WELDERS-Chain  
 73128 WELDERS-Electron Beam  
 73148 WELDERS-Laser  
 73154 WELDERS-Wire Belt Welding Guns  
 73161 WELDING APPARATUS-Wire  
 73205 WETTING AGENTS  
 73249 WHEELS-Cut-Off  
 73282 WHEELS-Embossing  
 73360 WIPES-Air for Wire  
 73403 WIPES-Galvanizing & Tinning  
 73447 WIPES-Insulated Wire  
 73480 WIPES-Wire Enameling  
 73485 WIRE STRAIGHTENERS  
 73601 X-RAY-Apparatus Radiographic and Fluoroscopic Diffraction  
 73620 X-RAY-Thickness Measurement  
 73645 YARNS-Acid Resisting  
 73689 YARNS-Binder Thread  
 73722 YARNS-Braiding  
 73744 YARNS-Carbon Fiber  
 73766 YARNS-Cotton  
 73800 YARNS-Dacron, Nylon, Fortisan, Etc.  
 73843 YARNS-Glass  
 73887 YARNS-High Temperature  
 73920 YARNS-Identification, Colored  
 73964 YARNS-Insulating  
 74008 YARNS-Jute, Roving, Dry or Treated  
 74020 YARNS -Kevlar®  
 74041 YARNS-Lacing and Tying  
 74060 YARNS-Polypropylene  
 74085 YARNS-Rayon, Nylon, Polyester  
 74129 YARNS-Special Constructions  
 74135 YARNS-Water Blocking  
 74162 YARNS-Winding to Specification  
 74206 ZINC

**Electric Wire & Cable NEMA Classifications**

80030 APPARATUS WIRE & CABLE  
 80050 AUDIO, RADIO, TV, VISUAL & HF WIRE and CABLE  
 80070 BUILDING WIRE  
 80090 COAXIAL CABLE  
 80110 CONTROL, SIGNAL WIRE & CABLE  
 80130 CORDAGE and CORDS  
 80140 CUSTOM SHORT RUN CABLE  
 80144 DATA SET CABLES  
 80150 FLAT WIRE, FLEXIBLE  
 80170 HOOK-UP WIRE, SINGLE & MULTI CONDUCTOR  
 80190 INSTRUMENTATION WIRE & CABLE  
 80210 MAGNET WIRE & STRIP  
 80230 MILITARY, EXCEPT, COMMUNICATION and ELECTRONIC WIRE & CABLE  
 80250 MILITARY COMMUNICATION and ELECTRONIC TYPES  
 80270 MINING & EARTH MOVING TYPES  
 80273 MOLDED CABLE ASSEMBLIES-Hypalon  
 80275 MOLDED CABLE ASSEMBLIES-Neoprene  
 80280 MOLDED CABLE ASSEMBLIES-Polyurethane  
 80285 MOLDED CABLE ASSEMBLIES-Polyvinyl  
 80287 MOLDED LENS CABLES  
 80290 OVERHEAD & TRANSMISSION TYPES  
 80295 PLENUM CABLE-Coaxial  
 80300 PLENUM CABLE-Computer  
 80310 POWER CABLE  
 80315 RETRACTIBLE CORDS  
 80320 RF CABLES  
 80330 TELEPHONE WIRE & CABLE  
 80340 TENS & ECG LEADS  
 80350 TRANSPORTATION WIRE & CABLE  
 80365 TWISTING, STRIPING & STRIPPING SERVICES  
 80390 PRODUCTS MADE from WIRE & CABLE

**Fiber Optics**

90090 CABLING EQUIPMENT  
 90100 COLOR CODING EQUIPMENT  
 90110 CONNECTORS-Fiber Bundle  
 90120 CONNECTORS-Single Fiber  
 90125 DETECTORS-APD  
 90130 DETECTORS-PIN  
 90135 FIBER OPTIC CABLE-Aerial  
 90140 FIBER OPTIC CABLE-Buried  
 90150 FIBER OPTIC CABLE-General  
 90151 FIBER OPTIC CABLE-Indoor  
 90152 FIBER OPTIC CABLE-Outdoor  
 90155 FIBER OPTIC CABLE-Underwater  
 90160 FIBERS-Graded Index Glass  
 90165 FIBERS-Graded Index PCS  
 90166 FIBERS-Polypropylene  
 90168 FIBERS-Polyethylene  
 90170 FIBERS-Step Index Glass  
 90175 FIBERS-Step Index PCS  
 90176 INKS-Color Coding  
 90177 JACKETING & SHIELDING  
 90178 LIGHT SOURCES  
 90179 MACHINERY-Drawing Towers  
 90180 MODULAR DATA LINKS-Analog  
 90185 MODULAR DATA LINKS-Digital  
 90190 MULTIPLEXERS-Wavelength Division  
 90195 OPTICAL COUPLERS  
 90200 OPTICAL ISOLATORS  
 90205 OPTICAL LINE MONITORS  
 90210 OPTICAL SWITCHES  
 90212 PAYOFFS-Driven  
 90215 POLISHING & CURVING EQUIP  
 90220 SECONDARY COATING MACHINERY  
 90222 SEMINARS & TRAINING  
 90225 SOURCES-I.L.D.  
 90230 SOURCES-L.E.D.  
 90232 SPOOLING EQUIPMENT  
 90235 SPLICE EQUIPMENT-Fusion  
 90240 SPLICE EQUIPMENT-Mechanical  
 90242 SPLICE EQUIPMENT-Splice Detector  
 90245 STRANDERS  
 90246 STRENGTH MEMBERS-FRP&GRP Rod  
 90247 STRENGTH MEMBERS-Flexible  
 90250 TEST EQUIPMENT-Attenuation  
 90255 TEST EQUIPMENT-Band Width  
 90258 TESTERS-Optical Fiber  
 90260 TURNKEY SYSTEMS  
 90290 WINDING MACHINERY

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