

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|----------------|----------------------------------|----------------------|----------|------|------|-------------------|
| | " | | | | | | |
| Adox / Oki Bering Canada Inc. | ER4043 | Best Weld 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Adox / Oki Bering Canada Inc. | ER5356 | Best Weld 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Air Liquide Canada, Inc. | ER4043 | Blueshield Crystal 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Air Liquide Canada, Inc. | ER4043 | Optiweld 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Air Liquide Canada, Inc. | ER4043 | Blueshield Crystal 4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Air Liquide Canada, Inc. | ER5356 | Blueshield Crystal 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Air Liquide Canada, Inc. | ER5356 | Optiweld 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Air Liquide Canada, Inc. | ER5356 | Blueshield Crystal 5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Airgas, Inc. | ER4043 | Radnor 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Airgas, Inc. | ER5356 | Radnor 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER1100 | Almigweld ER1100/Altigweld R1100 | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER4043 | Almigweld ER4043/Altigweld R4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER4047 | Almigweld ER4047/Altigweld R4047 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER5183 | Almigweld ER5183/Altigweld R5183 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER5356 | Almigweld ER5356/Altigweld R5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER5554 | Almigweld ER5554/Altigweld R5554 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| AlcoTec Wire Corporation | ER5556 | Almigweld ER5556/Altigweld R5556 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER1100 | OK Tigrod 1100 | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER1100 | OK Autrod 1100 | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER4043 | OK Autrod 4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER4043 | OK Tigrod 4043 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER4047 | OK Autrod 4047 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER4047 | OK Tigrod 4047 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5183 | OK Autrod 5183 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5183 | OK Tigrod 5183 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5356 | OK Autrod 5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5356 | OK Tigrod 5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5554 | OK Autrod 5554 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5554 | OK Tigrod 5554 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5556 | OK Autrod 5556 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB AB | ER5556 | OK Tigrod 5556 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER1100 | ESAB OK AUTROD 1100/ESAB OK TIC | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER4043 | ESAB OK AUTROD 4043/ESAB OK TIC | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER4047 | ESAB OK AUTROD 4047/ESAB OK TIC | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER5183 | ESAB OK AUTROD 5183/ESAB OK TIC | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER5356 | ESAB OK AUTROD 5356/ESAB OK TIC | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER5554 | ESAB OK AUTROD 5554/ESAB OK TIC | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| ESAB Group, Inc./Alloy Rods | ER5556 | ESAB OK AUTROD 5556/ESAB OK TIC | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Hobart Brothers Company, SWBU | ER4043 | Smootharc ER/R4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Hobart Brothers Company, SWBU | ER5356 | Smootharc ER/R5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER1100 | IA 1100 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER1100 | Indalco Alloys 1100 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER4043 | IA 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER4043 | Indalco Alloys 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER5183 | IA 5183 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER5183 | Indalco Alloys 5183 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |

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|--------------------------------------|----------------|---------------------------------|----------------------|----------|------|------|-------------------|
| Indalco Alloys Inc. | ER5356 | IA 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER5356 | Indalco Alloys 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER5554 | IA 5554 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Indalco Alloys Inc. | ER5554 | Indalco Alloys 5554 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Independent Welding Distributors Coo | ER4043 | Weldmark 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER1100 | Superglaze 1100 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER4043 | Superglaze 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER4043 | Prostar 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER5356 | Superglaze 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER5356 | Prostar 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER5554 | Prostar 5554 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Lincoln Electric of Canada LP | ER5554 | Superglaze 5554 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Linde Canada Limited | ER4043 | Linde MIG Aluminum Welding Wire | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Linde Canada Limited | ER4043 | Linde TIG Aluminum Welding Rod | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Linde Canada Limited | ER5356 | Linde MIG Aluminum Welding Wire | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Linde Canada Limited | ER5356 | Linde TIG Aluminum Welding Rod | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Linde Canada Limited | ER5554 | Linde TIG Aluminum Welding Rod | Switzerland | | 1.2 | Unli | A5.10/A5.10M:1999 |
| Linde Canada Limited | ER5554 | Linde MIG Aluminum Welding Wire | Switzerland | | 1.2 | Unli | A5.10/A5.10M:1999 |
| Maxal International Inc. | ER1100 | Maxalmig ER1100/Maxaltig R1100 | USA | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Maxal International Inc. | ER4043 | Maxalmig ER4043/Maxaltig R4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Maxal International Inc. | ER5183 | Maxalmig ER5183/Maxaltig R5183 | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| Maxal International Inc. | ER5356 | Maxalmig ER5356/Maxaltig R5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Maxal International Inc. | ER5554 | Maxalmig ER5554/Maxaltig R5554 | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| Maxal International Inc. | ER5556 | Maxalmig ER5556/Maxaltig R5556 | USA | | 1.2 | Unli | A5.10/A5.10M:1999 |
| Nexal Aluminum Inc. | ER4043 | Nexalloy 4043 | Canada | | 0.9 | 1.2 | A5.10/A5.10M:1999 |
| Nexal Aluminum Inc. | ER5356 | Nexalloy 5356 | Canada | | 0.9 | 1.2 | A5.10/A5.10M:1999 |
| Novametal S.A. | ER4043 | NMA 4043 | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Novametal S.A. | ER5183 | NMA 5183 | Switzerland | | 1.0 | Unli | A5.10/A5.10M:1999 |
| Novametal S.A. | ER5336 | NMA 5356 | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Novametal S.A. | ER5554 | NMA 5554 | Switzerland | | 1.2 | Unli | A5.10/A5.10M:1999 |
| Novametal do Brasil Ltda | ER4043 | NMA 4043 | Switzerland | | 0.9 | Unli | A5.10/A5.10M:1999 |
| Novametal do Brasil Ltda | ER5183 | NMA 5183 | Switzerland | | 1.0 | Unli | A5.10/A5.10M:1999 |
| Praxair Canada Inc. | ER4043 | Prostar R4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Praxair Canada Inc. | ER4043 | Prostar ER4043 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Praxair Canada Inc. | ER5356 | Prostar ER5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Praxair Canada Inc. | ER5356 | Prostar R5356 | USA | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Techniweld Products Corporation | ER4043 | Powerweld 4043 | Canada | | 0.9 | 1.2 | A5.10/A5.10M:1999 |
| Techniweld Products Corporation | ER5356 | Powerweld 5356 | Canada | | 0.9 | 1.2 | A5.10/A5.10M:1999 |
| The Harris Products Group | ER1100 | Harris 1100 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |
| The Harris Products Group | ER4043 | Harris 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| The Harris Products Group | ER4043 | Matheson Select 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| The Harris Products Group | ER5183 | Harris 5183 | Canada | | 1.2 | 1.2 | A5.10/A5.10M:1999 |
| The Harris Products Group | ER5356 | Harris 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| The Harris Products Group | ER5356 | Matheson Select 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| The Harris Products Group | ER5554 | Harris 5554 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Vanguard Steel Limited | ER4043 | Bonarc ER 4043 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |
| Vanguard Steel Limited | ER5356 | Bonarc ER 5356 | Canada | | 0.8 | Unli | A5.10/A5.10M:1999 |

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|--------------------------------------|-------------------|-----------------------------------|----------------------|--------------------|------|------|-------------------|
| Avesta Welding | ENiCrMo-12 | P12-R BAS | Sweden | | | 4.0 | A5.11/A5.11M:2010 |
| Oxford Alloys, Inc. | ENiCrMo-3 | Oxford Alloys 112 | USA | | | Unli | A5.11/A5.11M:2010 |
| Oxford Alloys, Inc. | ENiCrMo-4 | Oxford Alloys 276 | USA | | | Unli | A5.11/A5.11M:2010 |
| Special Metals Welding Products Comp | ENiCrFe-2 | Inco-Weld Welding Electrode A | USA | | | Unli | A5.11/A5.11M:2010 |
| Special Metals Welding Products Comp | ENiCrFe-3 | Inconel Welding Electrode 182 | USA | | | Unli | A5.11/A5.11M:2010 |
| Special Metals Welding Products Comp | ENiCrMo-3 | Inconel Welding Electrode 112 | USA | | | Unli | A5.11/A5.11M:2010 |
| Special Metals Welding Products Comp | ENiCrMo-4 | Inco-Weld Welding Electrode C-276 | USA | | | Unli | A5.11/A5.11M:2010 |
| Techalloy Welding Products, Baltimor | ENiCrFe-2 | Tech Rod Weld A | USA | | | Unli | A5.11/A5.11M:2010 |
| Techalloy Welding Products, Baltimor | ENiCrFe-3 | Tech Rod 182 | USA | | | Unli | A5.11/A5.11M:2010 |
| Techalloy Welding Products, Baltimor | ENiCrMo-10 | Tech Rod 122 | USA | | | Unli | A5.11/A5.11M:2010 |
| Techalloy Welding Products, Baltimor | ENiCrMo-3 | Tech Rod 112 | USA | | | Unli | A5.11/A5.11M:2010 |
| Techalloy Welding Products, Baltimor | ENiCrMo-4 | Tech Rod 276 | USA | | | Unli | A5.11/A5.11M:2010 |
| Central Wire Industries Ltd. | ERNiCr-3 | ERNiCr-3 | Canada | | | Unli | A5.14/A5.14M:2009 |
| Central Wire Industries Ltd. | ERNiCrMo-3 | ERNiCrMo-3 | Canada | | | Unli | A5.14/A5.14M:2009 |
| Oxford Alloys, Inc. | ERNiCrMo-3 | Oxford Alloys 625 | USA | | | Unli | A5.14/A5.14M:2009 |
| Oxford Alloys, Inc. | ERNiCrMo-4 | Oxford Alloys C-276 | USA | | | Unli | A5.14/A5.14M:2009 |
| Special Metals Welding Products Comp | ERNiCr-3 | Inconel Filler Metal 82 | USA | | | Unli | A5.14/A5.14M:2009 |
| Special Metals Welding Products Comp | ERNiCrMo-3 | Inconel Filler Metal 625 | USA | | | Unli | A5.14/A5.14M:2009 |
| Special Metals Welding Products Comp | ERNiCrMo-4 | Inco-Weld Filler Metal C-276 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNi-1 | Techalloy 208 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNiCr-3 | Techalloy 606 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNiCrCoMo-1 | Techalloy 617 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNiCrMo-10 | Techalloy 622 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNiCrMo-3 | Techalloy 625 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNiCrMo-4 | Techalloy 276 | USA | | | Unli | A5.14/A5.14M:2009 |
| Techalloy Welding Products, Baltimor | ERNiCu-7 | Techalloy 418 | USA | | | Unli | A5.14/A5.14M:2009 |
| Vanguard Steel Ltd. | ER48S-2 (ER70S-2) | Bonarc ER70S-2 | Korea | 100%Ar | 1.6 | 3.2 | A5.18/A5.18M:2005 |
| Lincoln Electric of Canada LP | E4918-H8 | Jet-LH 78 MR-RSP | Mexico | | 3.2 | 4.0 | A5.1:2004 |
| Air Liquide Canada Inc. | E308LT0-1 | Blueshield 650-308L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E308LT0-4 | Blueshield 650-308L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E308LT1-1 | Blueshield 650P-308L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E308LT1-4 | Blueshield 650P-308L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E309LT0-1 | Blueshield 654-309L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E309LT0-4 | Blueshield 654-309L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E309LT1-1 | Blueshield 654P-309L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E309LT1-4 | Blueshield 654P-309L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E316LT0-1 | Blueshield 652-316L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E316LT0-4 | Blueshield 652-316L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E316LT1-1 | Blueshield 652P-316L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Air Liquide Canada Inc. | E316LT1-4 | Blueshield 652P-316L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E308LT1-1 | FCS 308 L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E308LT1-1 | 308L Flux Cored | Korea | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E308LT1-4 | FCS 308 L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E308LT1-4 | 308L Flux Cored | Korea | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E309LT1-1 | FCS 309 L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E309LT1-1 | 309L Flux Cored | Korea | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E309LT1-4 | FCS 309 L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |

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| Arctec Alloys Limited | E309LT1-4 | 309L Flux Cored | Korea | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E316LT1-1 | FCS 316 L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E316LT1-1 | 316L Flux Cored | Korea | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E316LT1-4 | FCS 316 L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Arctec Alloys Limited | E316LT1-4 | 316L Flux Cored | Korea | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E2209T0-1 | Avesta FCW 2D-2205 | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E2209T0-4 | Avesta FCW 2D-2205 | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E2209T1-1 | Avesta FCW 2205-PW | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E2209T1-4 | Avesta FCW 2205-PW | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E308LT0-1 | Avesta FCW-2D 308L/MVR | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E308LT0-4 | Avesta FCW-2D 308L/MVR | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E308LT1-1 | Avesta FCW 308L-PW | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E308LT1-4 | Avesta FCW 308L-PW | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E309LT0-1 | Avesta FCW-2D 309L | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E309LT0-4 | Avesta FCW-2D 309L | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E309LT1-1 | Avesta FCW 309L-PW | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E309LT1-4 | Avesta FCW 309L-PW | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E316LT0-1 | Avesta FCW-2D 316L/SKR | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E316LT0-4 | Avesta FCW-2D 316L/SKR | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E316LT1-1 | Avesta FCW 316L-PW | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Boehler Welding Group Nordic AB (Ave | E316LT1-4 | Avesta FCW 316L-PW | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E2209T0-1 | Boehler CN 22/9 N-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E2209T0-4 | Boehler CN 22/9 N-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E2209T1-1 | Boehler CN 22/9 PW-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E2209T1-4 | Boehler CN 22/9 PW-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E308LT0-1 | Boehler EAS 2-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E308LT0-4 | Boehler EAS 2-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E308LT1-1 | Boehler EAS 2 PW-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E308LT1-4 | Boehler EAS 2 PW-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E309LMoT0-1 | Boehler CN23/12Mo-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E309LMoT0-4 | Boehler CN23/12Mo-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E309LT0-1 | Boehler CN 23/12-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E309LT0-4 | Boehler CN 23/12-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E309LT1-1 | Boehler CN 23/12 PW-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E309LT1-4 | Boehler CN 23/12 PW-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E316LT0-1 | Boehler EAS 4M-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E316LT0-4 | Boehler EAS 4M-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E316LT1-1 | Boehler EAS 4 PW-FD | Austria | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Bohler Welding Group Canada Ltd. | E316LT1-4 | Boehler EAS 4 PW-FD | Austria | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Cronatron Welding Systems, Inc. | E316LT1-4 | Cronamig 3880M-FC | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E308LT0-1 | Shield-Bright 308L X-tra | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E308LT0-3 | Core-Bright 308L | USA | | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E308LT0-4 | Shield-Bright 308L X-tra | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E308LT1-1 | Shield Bright 308L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E308LT1-4 | Shield Bright 308L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E309LT0-1 | Shield-Bright 309L X-tra | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E309LT0-3 | Core-Bright 309L | USA | | | Unli | A5.22/A5.22M:2010 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|--------------------------|----------------------|--------------------|------|------|------------------------|
| ESAB Group, Inc./Alloy Rods | E309LT0-4 | Shield-Bright 309L X-tra | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E309LT1-1 | Shield Bright 309L | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E309LT1-4 | Shield Bright 309L | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E316LT0-1 | Shield-Bright 316L X-tra | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E316LT0-3 | Core-Bright 316L | USA | | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E316LT0-4 | Shield-Bright 316L X-tra | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E316LT1-1 | Shield Bright 316L | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| ESAB Group, Inc./Alloy Rods | E316LT1-4 | Shield Bright 316L | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E410NiMoT1-1 | Mckay In-Flux 410NiMo T1 | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | EC308LSi | Goldcor 308LSi | USA | Ar + 2%O2 | 1.2 | 1.2 | A5.22/A5.22M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | EC309LSi | Goldcor 309LSi | USA | Ar + 2%O2 | 1.2 | 1.6 | A5.22/A5.22M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | EC309LSi | Goldcor 309LSi | USA | Linde Mison 8C | 1.2 | 1.6 | A5.22/A5.22M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | EC316LSi | Goldcor 316LSi | USA | Ar + 2%O2 | 1.2 | 1.2 | A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E308LT1-1 | SW-308L Cored | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E308LT1-4 | SW-308L Cored | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E309LMoT1-1 | SW-309MoL Cored | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E309LMoT1-4 | SW-309MoL Cored | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E309LT1-1 | SW-309L Cored | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E309LT1-4 | SW-309L Cored | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E316LT1-1 | SW-316L Cored | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Hyundai Welding Co., Ltd. | E316LT1-4 | SW-316L Cored | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Inc. | E308LT1-1 | K-308LT | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Inc. | E308LT1-4 | K-308LT | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Inc. | E309LT1-1 | K-309LT | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Inc. | E309LT1-4 | K-309LT | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Inc. | E316LT1-1 | K-316LT | USA | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Inc. | E316LT1-4 | K-316LT | USA | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Ltd. | E308LT1-1 | K-308LT | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Ltd. | E308LT1-4 | K-308LT | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Ltd. | E309LT1-1 | K-309LT | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Ltd. | E309LT1-4 | K-309LT | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Ltd. | E316LT1-1 | K-316LT | Korea | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kiswel Ltd. | E316LT1-4 | K-316LT | Korea | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E2209T1-1 | DW-2209 | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E2209T1-4 | DW-2209 | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E2209T1-4 | DW-329AP | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308HT1-1 | DW-308H | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308HT1-4 | DW-308H | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308LT0-1 | DW-308L | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308LT0-1 | DW-G308L | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308LT0-4 | DW-308L | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308LT0-4 | DW-G308L | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308LT1-1 | DW-308LP | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308LT1-4 | DW-308LP | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308T0-1 | DW-308 | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E308T0-4 | DW-308 | Japan | Ar + 20% to 25%CO2 | | | Unli A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LMoT0-1 | DW-309LMo | Japan | 100%CO2 | | | Unli A5.22/A5.22M:2010 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|----------------|-----------------------|----------------------|--------------------|------|------|-------------------|
| Kobe Steel, Ltd. | E309LMoT0-4 | DW-309LMo | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LT0-1 | DW-309L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LT0-1 | DW-G309L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LT0-4 | DW-309L | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LT0-4 | DW-G309L | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LT1-1 | DW-309LP | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E309LT1-4 | DW-309LP | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E310LT0-1 | DW-310 | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E310LT0-4 | DW-310 | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E312T0-1 | DW-312 | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E316LT0-1 | DW-316L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E316LT0-1 | DW-G316L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E316LT0-4 | DW-316L | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E316LT0-4 | DW-G316L | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E316LT1-1 | DW-316LP | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E316LT1-4 | DW-316LP | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E317LT0-1 | DW-317L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E317LT0-4 | DW-317L | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E347T0-1 | DW-347 | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kobe Steel, Ltd. | E347T0-4 | DW-347 | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Kuang Tai Metal Ind. Co. Ltd. | E308LT1-1 | KFW-308L | Taiwan | 100%CO2 | 1.2 | 1.2 | A5.22/A5.22M:2010 |
| Kuang Tai Metal Ind. Co. Ltd. | E309LT1-1 | KFW-309L | Taiwan | 100%CO2 | 1.2 | 1.2 | A5.22/A5.22M:2010 |
| Kuang Tai Metal Ind. Co. Ltd. | E316LT1-1 | KFW-316L | Taiwan | 100%CO2 | 1.2 | 1.2 | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E308LT0-1 | UltraCore FC 308L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E308LT0-4 | UltraCore FC 308L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E308LT1-1 | UltraCore FCP 308L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E308LT1-4 | UltraCore FCP 308L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E309LT0-1 | UltraCore FC 309L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E309LT0-4 | UltraCore FC 309L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E309LT1-1 | UltraCore FCP 309L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E309LT1-4 | UltraCore FCP 309L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E316LT0-1 | UltraCore FC 316L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E316LT0-4 | UltraCore FC 316L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E316LT1-1 | UltraCore FCP 316L | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Lincoln Electric of Canada LP | E316LT1-4 | UltraCore FCP 316L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E2209T0-1 | WEL FCW 329J3L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E308LT0-1 | WEL FCW 308LT | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E308LT0-4 | WEL FCW 308LT (MAG) | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E308LT1-1 | WEL FCW A308L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E309LMoT0-1 | WEL FCW 309MoLT | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E309LT0-1 | WEL FCW 309LT | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E309LT0-4 | WEL FCW 309LT (MAG) | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E309LT1-1 | WEL FCW A309L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E316LT0-1 | WEL FCW 316LT | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E316LT0-4 | WEL FCW 316LT (MAG) | Japan | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E316LT1-1 | WEL FCW A316L | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Nippon Welding Rod Co., Ltd. | E317LT0-1 | WEL FCW 317LT | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|------------------------------|----------------|-------------------------------|----------------------|--------------------|------|------|-------------------|
| Nippon Welding Rod Co., Ltd. | E347T0-1 | WEL FCW 347LT | Japan | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Oxford Alloys, Inc. | E316LT1-1 | 316LT1-1/4 | Taiwan | 100%CO2 | 1.2 | 1.2 | A5.22/A5.22M:2010 |
| Praxair Canada Inc. | E308LT1-1 | Prostar 308LT1 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Praxair Canada Inc. | E308LT1-4 | Prostar 308LT1 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Praxair Canada Inc. | E309LT1-1 | Prostar 309LT1 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Praxair Canada Inc. | E309LT1-4 | Prostar 309LT1 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Praxair Canada Inc. | E316LT1-1 | Prostar 316LT1 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Praxair Canada Inc. | E316LT1-4 | Prostar 316LT1 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E308LT0-1 | Sandvik 308LT0-1/308LT0-4 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E308LT0-4 | Sandvik 308LT0-1/308LT0-4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E308LT1-1 | Sandvik 308LT1-1/308LT1-4 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E308LT1-4 | Sandvik 308LT1-1/308LT1-4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E309LT0-1 | Sandvik 309LT0-1/309LT0-4 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E309LT0-4 | Sandvik 309LT0-1/309LT0-4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E309LT1-1 | Sandvik 309LT1-1/309LT1-4 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E309LT1-4 | Sandvik 309LT1-1/309LT1-4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E316LT0-1 | Sandvik 316LT0-1/316LT0-4 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E316LT0-4 | Sandvik 316LT0-1/316LT0-4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E316LT1-1 | Sandvik 316LT1-1/316LT1-4 | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sandvik Steel Company | E316LT1-4 | Sandvik 316LT1-1/316LT1-4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E308LT0-1 | SelectAlloy 308L Stainless | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E308LT0-4 | SelectAlloy 308L Stainless | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E308LT1-1 | SelectAlloy 308L-AP Stainless | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E308LT1-4 | SelectAlloy 308L-AP Stainless | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E309LT0-1 | SelectAlloy 309L Stainless | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E309LT0-4 | SelectAlloy 309L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E309LT1-1 | SelectAlloy 309L-AP Stainless | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E309LT1-4 | SelectAlloy 309L-AP Stainless | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E316LT0-1 | SelectAlloy 316L Stainless | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E316LT0-4 | SelectAlloy 316L | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E316LT1-1 | SelectAlloy 316L-AP Stainless | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Select-Arc Inc. | E316LT1-4 | SelectAlloy 316L-AP Stainless | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E308LT1-1 | Wirogas 3080G | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E308LT1-4 | Wirogas 3080G | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E308LT1-4 | Wirogas 3080G | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E309LT1-1 | Wirogas 3090G | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E309LT1-4 | Wirogas 3090G | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E309LT1-4 | Wirogas 3090G | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E316LT1-1 | Wirogas 3160G | USA | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E316LT1-4 | Wirogas 3160G | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Sodel Limitee | E316LT1-4 | Wirogas 3160G | USA | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Vanguard Steel Limited | E308LT1-1 | Bonarc E308LT-1 | Korea | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Vanguard Steel Limited | E308LT1-4 | Bonarc E308LT-1 | Korea | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Vanguard Steel Limited | E309LT1-1 | Bonarc E309LT-1 | Korea | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Vanguard Steel Limited | E309LT1-4 | Bonarc E309LT-1 | Korea | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |
| Vanguard Steel Limited | E316LT1-1 | Bonarc E316LT-1 | Korea | 100%CO2 | | Unli | A5.22/A5.22M:2010 |
| Vanguard Steel Limited | E316LT1-4 | Bonarc E316LT-1 | Korea | Ar + 20% to 25%CO2 | | Unli | A5.22/A5.22M:2010 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|-------------------------------------|-------------------------------|----------------------|-------------------------------------|------|------|-------------------|
| Bohler Welding Technology (China) Co | F55P2-EB2-B2 (F8P0-EB2-B2) | T Union SA EB2 | China | T UV 101SJ (made in China) | | Unli | A5.23/A5.23M:2007 |
| Bohler Welding Technology (China) Co | F62P2-EB3-B3 (F9P0-EB3-B3) | T Union SA EB3 | China | T UV 101SJ (made in China) | | Unli | A5.23/A5.23M:2007 |
| Hobart Brothers Co., Tubular Wire Bu | F49A7-ECNi1-Ni1 (F7A10-ECNi1-Ni1) | Metalloy N1S | USA | HN-590 (made in Taiwan) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F49A4-EM12K-Ni1 (F7A4-EM12K-Ni1) | Lincolnweld L-61 | Canada | Lincolnweld AXXX10 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F49A6-ENi1K-Ni1-H8 (F7A8-ENi1K-Ni1) | Lincolnweld LA-75 {cu} | Canada | Lincolnweld 880M (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F55A3-ENi1K-Ni1 (F8A2-ENi1K-Ni1) | Lincolnweld LA-75 | USA | Lincolnweld 980 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F55A3-ENi1K-Ni1 (F8A2-ENi1K-Ni1) | Lincolnweld LA-75 | USA | Lincolnweld 960 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F55A3-ENi1K-Ni1 (F8A2-ENi1K-Ni1) | Lincolnweld LA-75 | Canada | Lincolnweld 960 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F55A3-ENi1K-Ni1 (F8A2-ENi1K-Ni1) | Lincolnweld LA-75 | Canada | Lincolnweld 980 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F62A2-EA1-G (F9A0-EA1-G) | Lincolnweld L-70 | USA | Lincolnweld 761 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F62A2-EA1-G (F9A0-EA1-G) | Lincolnweld L-70 | Canada | Lincolnweld 761 (made in USA) | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F62A5-EA3K-A3-H4 (F9A6-EA3K-A3-H4) | Lincolnweld LA-90 | USA | Lincolnweld 888 (made in USA)(bakec | | Unli | A5.23/A5.23M:2007 |
| Lincoln Electric of Canada LP | F9A4-ENi5-G-H2 (F62A4-ENi5-G-H2) | Lincolnweld LA-85 | USA | Lincolnweld MIL800-HPNi (made in U | 4.0 | 4.0 | A5.23/A5.23M:2007 |
| Air Liquide Canada, Inc. | E55C-Ni1-H4 (E80C-Ni1-H4) | Blueshield LA 80C-Ni1 | USA | Arcal 211 | | Unli | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E55C-Ni1-H4 (E80C-Ni1-H4) | Blueshield LA 80C-Ni1 | USA | Ar + 15%CO2 | | Unli | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E55C-Ni1-H4 (E80C-Ni1-H4) | Blueshield LA 80C-Ni1 | USA | Ar + 20% to 25%CO2 | | Unli | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E69C-G-H4 (E100C-G-H4) | Blueshield LA 100C-MG | USA | Ar + 15%CO2 | | Unli | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E69C-G-H4 (E100C-G-H4) | Blueshield LA 100C-MG | USA | Ar + 2%O2 | | Unli | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E76C-K4-H4 (E110C-K4-H4) | Blueshield LA 110C-MG | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E76C-K4-H4 (E110C-K4-H4) | Blueshield LA 110C-MG | USA | Ar + 5%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| ESAB GROUP CANADA, INC. | E55C-Ni1 (E80C-Ni1) | Coreweld 88-HSni1 | USA | Linde Mison 8C | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| ESAB GROUP CANADA, INC. | E55C-Ni1-H8 (E80C-Ni1-H8) | Coreweld 88-HSni1 | USA | Linde Mison 8C | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H4 (E80C-Ni1-H4) | FabCOR 209 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H4 (E80C-Ni1-H4) | FabCOR 209 | USA | Ar + 5%O2 | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H4 (E80C-Ni1-H4) | FabCOR 209 | USA | Ar + 5%CO2 | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Tri-Mark Metalloy Vantage Ni1 | USA | Ar + 5%O2 | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Corex Metal-Cor 80N1 | USA | Ar + 10%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Corex Metal-Cor 80N1 | USA | Ar + 5%O2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Tri-Mark Metalloy 80N1 | USA | Ar + 10%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Tri-Mark Metalloy 80N1 | USA | Ar + 5%O2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Tri-Mark Metalloy Vantage Ni1 | USA | Ar + 5%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E55C-Ni1-H8 (E80C-Ni1-H8) | Tri-Mark Metalloy Vantage Ni1 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E76C-K4-H4 (E110C-K4-H4) | Corex METAL-COR 110 | USA | Ar + 25%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E76C-K4-H4 (E110C-K4-H4) | Corex METAL-COR 110 | USA | Ar + 5%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E76C-K4-H4 (E110C-K4-H4) | Tri-Mark Metalloy 110 | USA | Ar + 25%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E76C-K4-H4 (E110C-K4-H4) | Tri-Mark Metalloy 110 | USA | Ar + 5%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E76C-K4-H4 (E110C-K4-H4) | Hobart FabCOR 1100 | USA | Ar + 5%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hobart Brothers Co., Tubular Wire Bu | E76C-K4-H4 (E110C-K4-H4) | Hobart FabCOR 1100 | USA | Ar + 25%CO2 | | Unli | A5.28/A5.28M:2005 |
| Hyundai Welding Co., Ltd. | ER80S-Ni1 | ST-1N | Korea | 100%Ar | 1.6 | 3.2 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | E62C-K3-H4 (E90C-K3-H4) | Metalshield MC-90 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | E62C-K3-H4 (E90C-K3-H4) | Metalshield MC-90 | USA | Ar + 10%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | E76C-G-H4 (E110C-G-H4) | Metalshield MC-1100 | USA | Ar + 10%CO2 | 1.2 | 1.2 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | E76C-K4-H4 (E110C-K4-H4) | Metalshield MC-110 | USA | Ar + 10%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | E76C-K4-H4 (E110C-K4-H4) | Metalshield MC-110 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER55S-D2 (ER80S-D2) | Superarc LA-90 | USA | 100%CO2 | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER55S-G(ER80S-G) | Pipeliner 80Ni1 | USA | Ar + 20%CO2 | 1.0 | 1.2 | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER55S-Ni1 (ER80S-Ni1) | Superarc LA-75 | USA | Ar + 8%CO2 | | Unli | A5.28/A5.28M:2005 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------------------------|----------------------------|----------------------|--------------------|------|------|-------------------|
| Lincoln Electric of Canada LP | ER55S-Ni1 (ER80S-Ni1) | Superarc LA-75 | USA | Ar + 10%CO2 | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER62S-D2 (ER90S-D2) | Superarc LA-90 | USA | Ar + 5%O2 | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER62S-D2 (ER90S-D2) | Superarc LA-90 | Canada | Ar + 5%O2 | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER62S-D2 (ER90S-D2) | Superarc LA-90 | Canada | Helistar CS | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER62S-D2 (ER90S-D2) | Superarc LA-90 | USA | Ar + 10%CO2 | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER69S-G (ER100S-G) | Superarc LA-100 | USA | Ar + 2%O2 | | Unli | A5.28/A5.28M:2005 |
| Lincoln Electric of Canada LP | ER69S-G (ER100S-G) | Superarc LA-100 | USA | Ar + 5%CO2 | | Unli | A5.28/A5.28M:2005 |
| National Standard LLC | ER55S-D2 (ER80S-D2) | NS-102CF | USA | 100%CO2 | 1.2 | Unli | A5.28/A5.28M:2005 |
| National Standard LLC | ER55S-D2 (ER80S-D2) | NS-102 {cu} | USA | 100%CO2 | 1.2 | Unli | A5.28/A5.28M:2005 |
| National Standard LLC | ER55S-D2 (ER80S-D2) | NS-102 {cu} | USA | 100%CO2 | 1.2 | Unli | A5.28/A5.28M:2005 |
| Select-Arc Inc. | E55C-W2-H8 (E80C-W2-H8) | Select 80C-W | USA | Ar + 10%CO2 | | Unli | A5.28/A5.28M:2005 |
| Select-Arc Inc. | E76C-K4-H4 (E110C-K4-H4) | SELECT 110C-K4 | USA | Ar + 5%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Select-Arc, Inc. | E76C-K4-H4 (E110C-K4-H4) | SELECT 110C-K4 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.28/A5.28M:2005 |
| Air Liquide Canada, Inc. | E551T1-Ni1CJ-H4 (E81T1-Ni1C-H4) | Blueshield LA T-91 C60 Ni1 | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E551T1-Ni1MJ-H4 (E81T1-Ni1M-H4) | Blueshield LA T-91 C60 Ni1 | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E551T1-Ni2C-H8 (E81T1-Ni2C-H8) | Blueshield LA81T1-Ni2 | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E551T1-Ni2M-H8 (E81T1-Ni2M-H8) | Blueshield LA81T1-Ni2 | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E551T1-W2C-H8 (E81T1-W2C-H8) | Blueshield LA81T1-W2 | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E551T1-W2M-H8 (E81T1-W2M-H8) | Blueshield LA81T1-W2 | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E621T1-K2C-H8 (E91T1-K2C-H8) | Blueshield LA T-91 K2 | USA | 100%CO2 | | 1.6 | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E621T1-K2M-H8 (E91T1-K2M-H8) | Blueshield LA T-91 K2 | USA | Ar + 15%CO2 | | 1.6 | A5.29/A5.29M:2010 |
| Air Liquide Canada, Inc. | E761T1-K3M-H8 (E111T1-K3M-H8) | Blueshield LA 111T1-K3M | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Arctec Alloys Limited | E551T1-Ni1M (E81T1-Ni1M) | FCS 224 N | Korea | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Arctec Alloys Limited | E551T1-Ni1MJ-H8 (E81T1-Ni1MJ-H8) | FCS 223 N | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Controlled Products Group | E551T1-W2C-H8 (E81T1-W2C-H8) | Inco-Weld 810W | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Controlled Products Group | E551T1-W2M-H8 (E81T1-W2M-H8) | Inco-Weld 810W | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Drahtzug Stein Wire & Welding GmbH & | E551T1-G-J-H4 | Megafil 781R | Germany | Ar + 20% to 25%CO2 | 1.2 | 1.2 | A5.29/A5.29M:2010 |
| Drahtzug Stein Wire & Welding GmbH & | E551T1-Ni1M-J-H4 (E81T1-Ni1M-J) | Megafil 821R | Germany | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E551T1-Ni1C-H16 (E81T1-NiC-H16) | Dual Shield 810X-Ni1 | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E551T1-Ni1MJ-H8 (E81T1-Ni1MJ-H8) | Dual Shield II 80-Ni1H4 | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E551T1-Ni2C-H8 (E81T1-Ni2C-H8) | Dual Shield 8000-Ni2 | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E551T1-Ni2M-H8 (E81T1-Ni2M-H8) | Dual Shield 8000-Ni2 | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E551T1-W2C-H8 (E81T1-W2C-H8) | Dual Shield 8100-W | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E760T5-K4C-H4 (E110T5-K4C-H4) | Dual Shield T-115 | USA | 100%CO2 | 2.4 | 2.4 | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E760T5-K4M-H4 (E110T5-K4M-H4) | Dual Shield T-115 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E761T1-K3M-H4 (E111T1-K3M-H4) | Dual Shield II 110 | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Eagle Alloys Ltd. | E81T1-Ni1C-H8 | Eagle 881 FGS | Korea | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Eagle Alloys Ltd. | E81T1-Ni1M-H8 (E551T1-Ni1M-H8) | Eagle 881 FMG | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Eutectic Canada Inc. | E551T1-Ni1C-JH4 (E81T1-Ni1C-JH4) | Endotec Alloy DO*271S | Italy | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Eutectic Canada Inc. | E551T1-Ni1M-JH4 (E81T1-Ni1M-JH4) | Endotec Alloy DO*271S | Italy | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E550T1-Ni1C-H8 (E80T1-Ni1C-H8) | Tri-Mark TM-81N1 | USA | 100%CO2 | 1.6 | 2.4 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E550T1-Ni1M-H8 (E80T1-Ni1M-H8) | Tri-Mark TM-81N1 | USA | Ar + 10%CO2 | 1.6 | 2.4 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-B2C (E81T1-B2C) | Tri-Mark TM-811B2 | USA | 100%CO2 | 1.1 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni1C-JH8 (E81T1-Ni1C-JH8) | Tri-Mark TM-811N1 | USA | 100%CO2 | 1.1 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni1M-JH8 (E81T1-Ni1M-JH8) | Tri-Mark TM-811N1 | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2C-H8 (E81T1-Ni2C-H8) | Tri-Mark TM-811N2 | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2C-H8 (E81T1-Ni2C-H8) | Fabco 803 | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------------------------|----------------------------|----------------------|--------------------|------|------|-------------------|
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2C-H8 (E81T1-Ni2C-H8) | Corex Verti-Cor 81Ni2 | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2M-H8 (E81T1-Ni2C-H8) | Fabco 803 | USA | Linde Mison 15C | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2M-H8 (E81T1-Ni2M-H8) | Tri-Mark TM-811N2 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2M-H8 (E81T1-Ni2M-H8) | Fabco 803 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E551T1-Ni2M-H8 (E81T1-Ni2M-H8) | Corex Verti-Cor 81Ni2 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E621T1-K2C-H8 (E91T1-K2C-H8) | Tri-Mark TM-991K2 | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E760T5-K4C-H4 (E110T5-K4C-H4) | Fabco 115 | USA | 100%CO2 | 1.2 | 2.4 | A5.29/A5.29M:2010 |
| Hobart Brothers Co., Tubular Wire Bu | E761T1-K3MJ-H8 (E111T1-K3MJ-H8) | Fabco 110 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hyundai Welding Co., Ltd. | E551T1-K2C-H4 (E81T1-K2C-H4) | Supercored 81-K2 | Korea | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Hyundai Welding Co., Ltd. | E551T1-Ni1M (E81T1-Ni1M) | Supercored 81MAG | Korea | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Kiswel Ltd. | E760T1-K3C-H8 (E110T1-K3C-H8) | K-110TK3 | Korea | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Kobe Steel, Ltd. | E551T1-B2C (E81T1-B2C) | DW-81B2 | Japan | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Kobe Steel, Ltd. | E551T1-B2M (E81T1-B2M) | DW-81B2 | Japan | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Kobe Steel, Ltd. | E551T1-Ni1MJ-H8 (E81T1-Ni1MJ-H8) | DW-A81Ni1 | Japan | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Kobe Steel, Ltd. | E621T1-B3C (E91T1-B3C) | DW-91B3 | Japan | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Kobe Steel, Ltd. | E621T1-B3M (E91T1-B3M) | DW-91B3 | Japan | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E491T8-Ni1-H16 (E71T8-Ni1-H16) | Innershield NR-203 Ni1% | USA | | 2.0 | 2.4 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E491TG-G-H16 (E71TG-G-H16) | Innershield NR-212 | USA | | 1.1 | 2.4 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E551T1-K2C-JH4 | UltraCore 81K2C-H | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E551T1-K2M-JH4 | UltraCore 81K2A75-H | USA | Ar + 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E551T1-Ni1C-JH4 (E81T1-Ni1C-JH4) | UltraCore 81Ni1C-H | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E551T1-Ni1M-JH4 (E81T1-Ni1M-JH4) | UltraCore 81Ni1A75-H | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E551T1-Ni2C-JH4 (E81T1-Ni2C-JH4) | UltraCore 81Ni2C-H | USA | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Lincoln Electric of Canada LP | E551T1-Ni2M-JH4 (E81T1-Ni2M-JH4) | UltraCore 81Ni2A75-H | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Nippon Steel & Sumikin Welding Co., | E551T1-GM-H4 (E81T1-GM-H4) | Nittetsu SF-3AM | Japan | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Postle Industries, Inc. | E621T1-K2C-H8 (E91T1-K2C-H8) | Postalloy 3044 FCG | USA | 100%CO2 | | 1.6 | A5.29/A5.29M:2010 |
| Select-Arc Inc. | E551T1-W2C-H8 (E81T1-W2C-H8) | Select 810W | USA | 100%CO2 | | Unli | A5.29/A5.29M:2010 |
| Select-Arc Inc. | E551T1-W2M-H8 (E81T1-W2M-H8) | Select 810W | USA | Ar + 20% to 25%CO2 | | Unli | A5.29/A5.29M:2010 |
| Tianjin Sainteagle Welding Co., Ltd. | E551T1-K2C (E81T1-K2C) | SQJ551K2 | China | 100%CO2 | 1.2 | 1.2 | A5.29/A5.29M:2010 |
| Trafilerie di Cittadella S.P.A. | E551T1-Ni1C-JH4 (E81T1-Ni1C-JH4) | Fileur ARS 10 | Italy | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Trafilerie di Cittadella S.P.A. | E551T1-Ni1M-JH4 (E81T1-Ni1M-JH4) | Fileur ARS 10 | Italy | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Vanguard Steel Ltd. | E81T1-Ni1C-H8 | Bonarc E 81T1 Ni1 | Korea | 100%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| Vanguard Steel Ltd. | E81T1-Ni1M-H8 (E551T1-Ni1M-H8) | Bonarc E 81T1 Ni1M | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | A5.29/A5.29M:2010 |
| ESAB Group, Inc./Alloy Rods | E6218-M (E9018-M) | Atom Arc 9018 | USA | N/A | 2.4 | 3.2 | A5.5/A5.5M:2006 |
| Lincoln Electric of Canada LP | E6215-B9-H4R (E9015-B9-H4R) | Excalibur 9015-B9 MR | USA | | | 4.0 | A5.5/A5.5M:2006 |
| Lincoln Electric of Canada LP | E6218M-H4R (E9018M-H4R) | Excalibur 9018M MR | USA | | | 5.0 | A5.5/A5.5M:2006 |
| Lincoln Electric of Canada LP | E6245-P2-H4R (E9045-P2-H4R) | Pipeliner LH-D90 | USA | | 3.2 | 4.5 | A5.5/A5.5M:2006 |
| Lincoln Electric of Canada LP | E6945-P2-H4R (E10045-P2-H4R) | Pipeliner LH-D100 | USA | | 3.2 | 5.0 | A5.5/A5.5M:2006 |
| Lincoln Electric of Canada LP | E6945-P2-H4R (E8045-P2-H4R) | Pipeliner LH-D80 | USA | | 3.2 | 4.5 | A5.5/A5.5M:2006 |
| Lincoln Electric of Canada LP | E7618-M-H4R (E11018M-H4R) | Excalibur 11018M MR | USA | | | 5.0 | A5.5/A5.5M:2006 |
| National Standard LLC | ERCuSi-A | NS-656 | USA | | | Unli | A5.7/A5.7M:2007 |
| Techalloy Welding Products, Baltimor | ERCuNi | Techalloy 413 | USA | | | Unli | A5.7/A5.7M:2007 |
| Air Liquide Canada, Inc. | ER308H | Blueshield 640-308H | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER308L | Blueshield 640-308L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER308L | Blueshield 630-308L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER308L | Blueshield 630-308L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER308LSi | Blueshield 640-308L Hi SiL | Canada | | | Unli | A5.9/A5.9M:2006 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|----------------------------|----------------------|----------|------|------|-----------------|
| Air Liquide Canada, Inc. | ER308LSi | Blueshield 640-308L HiSiL | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER309L | Blueshield 630-309L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER309L | Blueshield 640-309L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER309L | Blueshield 630-309L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER309LSi | Blueshield 640-309L Hi SiL | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER309LSi | Blueshield 640-309L HiSiL | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER316L | Blueshield 640-316L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER316L | Blueshield 630-316L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER316L | Blueshield 630-316L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER316LSi | Blueshield 640-316L Hi SiL | Canada | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER316LSi | Blueshield 640-316L HiSiL | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER317L | Blueshield 640-317L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Air Liquide Canada, Inc. | ER409Nb | Blueshield 640-409Cb | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Arcos Industries, LLC | ER308/308L | 308L | USA | | 5.0 | | A5.9/A5.9M:2006 |
| Arcos Industries, LLC | ER308LSi | 308LSi | USA | | 5.0 | | A5.9/A5.9M:2006 |
| Arcos Industries, LLC | ER309/309L | 309L | USA | | 5.0 | | A5.9/A5.9M:2006 |
| Arcos Industries, LLC | ER309LSi | 309LSi | USA | | 5.0 | | A5.9/A5.9M:2006 |
| Arcos Industries, LLC | ER316/316L | 316L | USA | | 5.0 | | A5.9/A5.9M:2006 |
| Arcos Industries, LLC | ER316LSi | 316LSi | USA | | 5.0 | | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER308H | ER308H | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER308L | ER308/308L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER308LSi | ER308Si/308LSi | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER309L | ER309/309L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER309LSi | ER309Si/309LSi | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER316L | ER316/316L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER316LSi | ER316Si/316LSi | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER317L | ER317L | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Avesta Welding LLC | ER409Nb | ER409Cb | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER2209 | ER2209 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER308 | ER308 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER308L | ER308L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER308LSi | ER308LSi | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER309L | ER309L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER309LSi | ER309LSi | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER310 | ER310 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER312 | ER312 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER316L | ER316L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER316LSi | ER316LSi | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER317L | ER317L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER330 | ER330 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER347 | ER347 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Central Wire Industries Ltd. | ER409Nb | ER409Nb | Canada | | | Unli | A5.9/A5.9M:2006 |
| Changzhou Huatong Welding Wire Co. L | ER308L | ER308L | China | | | Unli | A5.9/A5.9M:2006 |
| Changzhou Huatong Welding Wire Co. L | ER308LSi | ER308LSi | China | | | Unli | A5.9/A5.9M:2006 |
| Changzhou Huatong Welding Wire Co. L | ER309L | ER309L | China | | | Unli | A5.9/A5.9M:2006 |
| Changzhou Huatong Welding Wire Co. L | ER309LSi | ER309LSi | China | | | Unli | A5.9/A5.9M:2006 |
| Changzhou Huatong Welding Wire Co. L | ER316L | ER316L | China | | | Unli | A5.9/A5.9M:2006 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|-----------------------|----------------------|----------|------|------|-----------------|
| Changzhou Huatong Welding Wire Co. L | ER316LSi | ER316LSi | China | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER2209 | Inco-Weld ER2209 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER2209 | Inco-Weld 2209 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER308L | Inco-Weld 308L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER308L | Inco-Weld 308L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER308L | Inco-Weld ER308L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER308LSi | Inco-Weld 308LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER308LSi | Inco-Weld ER308LSi | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER308LSi | Inco-Weld 308LSi | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER309L | Inco-Weld 309L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER309L | Inco-Weld 309L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER309L | Inco-Weld ER309L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER309LSi | Inco-Weld 309LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER309LSi | Inco-Weld ER309LSi | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER309LSi | Inco-Weld 309LSi | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER310 | Inco-Weld ER310 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER312 | Inco-Weld ER312 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER316L | Inco-Weld 316L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER316L | Inco-Weld 316L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER316L | Inco-Weld ER316L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER316LSi | Inco-Weld 316LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER316LSi | Inco-Weld ER316LSi | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER316LSi | Inco-Weld 316LSi | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER317L | Inco-Weld ER317L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER317L | Inco-Weld 317L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER347 | Inco-Weld ER347 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER347 | Inco-Weld 347 | Canada | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER385 | Inco-Weld ER385 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER409Nb | Inco-Weld 409Cb | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER409Nb | Inco-Weld ER409Cb | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Controlled Products Group | ER409Nb | Inco-Weld 409Cb | Canada | | | Unli | A5.9/A5.9M:2006 |
| ESAB AB | ER308L | OK Tigrod 308L | Czech Republic | | | Unli | A5.9/A5.9M:2006 |
| ESAB AB | ER308LSi | OK Autrod 308LSi | Czech Republic | | | Unli | A5.9/A5.9M:2006 |
| ESAB AB | ER309L | OK Tigrod 309L | Czech Republic | | | Unli | A5.9/A5.9M:2006 |
| ESAB AB | ER309LSi | OK Autrod 309LSi | Czech Republic | | | Unli | A5.9/A5.9M:2006 |
| ESAB AB | ER316L | OK Tigrod 316L | Czech Republic | | | Unli | A5.9/A5.9M:2006 |
| ESAB AB | ER316LSi | OK Autrod 316LSi | Czech Republic | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | EC308 | Arcaloy MC308L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | EC308L | Arcaloy MC308L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | EC309 | Arcaloy MC309L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | EC309L | Arcaloy MC309L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | EC316 | Arcaloy MC316L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | EC316L | Arcaloy MC316L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER308 | Arcaloy ER308L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER308L | Arcaloy ER308L | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER308LSi | Arcaloy ER308LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER308Si | Arcaloy ER308LSi | USA | | | Unli | A5.9/A5.9M:2006 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|-----------------------|----------------------|----------|------|------|----------------------|
| ESAB Group, Inc./Alloy Rods | ER309 | Arcaloy ER309L | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER309L | Arcaloy ER309L | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER309LSi | Arcaloy ER309LSi | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER309Si | Arcaloy ER309LSi | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER316 | Arcaloy ER316L | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER316L | Arcaloy ER316L | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER316LSi | Arcaloy ER316LSi | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER316Si | Arcaloy ER316LSi | USA | | | | Unli A5.9/A5.9M:2006 |
| ESAB Group, Inc./Alloy Rods | ER347 | Arcaloy ER347 | USA | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER308L | Executive 308L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER308LSi | Exocor 308LSi | Canada | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER308LSi | Executive 308LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER309L | Executive 309L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER309LSi | Exocor 309LSi | Canada | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER309LSi | Executive 309LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER316L | Executive 316L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER316LSi | Exocor ER316LSi | Canada | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER316LSi | Executive 316LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Exocor | ER409Nb | Executive 409Cb | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Hyundai Welding Co., Ltd. | ER316L | ST-316L | Korea | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER308H | KMS-308H | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER308L | KTS-308L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER308LSi | KMS-308LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER309L | KTS-309L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER309LSi | KMS-309LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER316L | KTS-316L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER316LSi | KMS-316LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER317L | KMS-317L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Kuang Tai Metal Ind. Co. Ltd. | ER409Nb | KMS-409Cb / KMS 409Nb | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric Company of Canada L | ER308L | MUREX 308L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric Company of Canada L | ER309L | MUREX 309L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric Company of Canada L | ER316L | MUREX 316L | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | EC409 | Outershield MC-409 | USA | | 1.2 | 1.6 | A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER308L | Blue Max S308/308L | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER308L | Murex 308L | Switzerland | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER308L | Lincolnweld 308/308L | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER308LSi | Blue Max Mig 308L Si | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER308LSi | Murex 308LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER308LSi | Murex 308LSi | Switzerland | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER309L | Blue Max S309/309L | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER309L | Murex 309L | Switzerland | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER309L | Lincolnweld 309/309L | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER309LSi | Blue Max Mig 309L Si | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER309LSi | Murex 309LSi | Taiwan | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER309LSi | Murex 309LSi | Switzerland | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER316L | Blue Max S316/316L | USA | | | | Unli A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER316L | Murex 316L | Switzerland | | | | Unli A5.9/A5.9M:2006 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|----------------|-----------------------|----------------------|----------|------|------|-----------------|
| Lincoln Electric of Canada LP | ER316L | Lincolnweld 316/316L | USA | | | Unli | A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER316LSi | Blue Max Mig 316L Si | USA | | | Unli | A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER316LSi | Murex 316LSi | Taiwan | | | Unli | A5.9/A5.9M:2006 |
| Lincoln Electric of Canada LP | ER316LSi | Murex 316LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Map Canada Ltd. | ER308L | Super MIG 308L | China | | | Unli | A5.9/A5.9M:2006 |
| Map Canada Ltd. | ER308LSi | Super Mig 308LSi | China | | | Unli | A5.9/A5.9M:2006 |
| Map Canada Ltd. | ER309L | Super MIG 309L | China | | | Unli | A5.9/A5.9M:2006 |
| Map Canada Ltd. | ER309LSi | Super Mig 309LSi | China | | | Unli | A5.9/A5.9M:2006 |
| Map Canada Ltd. | ER316L | Super MIG 316L | China | | | Unli | A5.9/A5.9M:2006 |
| Map Canada Ltd. | ER316LSi | Super Mig 316LSi | China | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER308L | NS-308L | USA | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER308LSi | NS-308LHS | USA | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER309L | NS-309L | USA | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER309LSi | NS-309LHS | USA | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER316L | NS-316L | USA | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER316LSi | NS-316LHS | USA | | | Unli | A5.9/A5.9M:2006 |
| National Standard LLC | ER409Nb | NS-409Cb | USA | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER2209 | NMS 1.4462 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER308H | NMS 308H | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER308L | NMS 308AWS | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER308LSi | NMS 308LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER309 | NMS 309H | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER309L | NMS 309L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER309LSi | NMS 309LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER310 | NMS 310 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER312 | NMS 312 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER316H | NMS 316H | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER316L | NMS 316AWS | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER316LSi | NMS 316LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER317L | NMS 317L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER347 | NMS 347 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER347Si | NMS 347 Si | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER385 | NMS 904L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal S.A. | ER409Nb | NMS 409 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER2209 | NMS 1.4462 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER2209 | NMS 1.4462 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER308H | NMS 308H | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER308H | NMS 308H | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER308L | NMS 308AWS | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER308L | NMS 308AWS | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER308LSi | NMS 308LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER308LSi | NMS 308LSi | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER309 | NMS 309H | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER309L | NMS 309L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER309L | NMS 309L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER309LSi | NMS 309LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER309LSi | NMS 309LSi | Brazil | | | Unli | A5.9/A5.9M:2006 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|------------------------------------|----------------|-----------------------|----------------------|----------|------|------|-----------------|
| Novametal do Brasil Ltda | ER310 | NMS 310 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER310 | NMS 310 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER312 | NMS 312 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER312 | NMS 312 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER316H | NMS 316H | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER316L | NMS 316AWS | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER316L | NMS 316AWS | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER316LSi | NMS 316LSi | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER316LSi | NMS 316LSi | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER317L | NMS 317L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER317L | NMS 317L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER347 | NMS 347 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER347 | NMS 347 | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER347Si | NMS 347 Si | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER347Si | NMS 347Si | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER385 | NMS 904L | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER385 | NMS 904L | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER409Nb | NMS 409 | Switzerland | | | Unli | A5.9/A5.9M:2006 |
| Novametal do Brasil Ltda | ER420 | NMS 420 C | Brazil | | | Unli | A5.9/A5.9M:2006 |
| Praxair Canada Inc. | ER308L | 308L | USA | | | Unli | A5.9/A5.9M:2006 |
| Praxair Canada Inc. | ER308L | 308LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| Praxair Canada Inc. | ER309L | 309L | USA | | | Unli | A5.9/A5.9M:2006 |
| Praxair Canada Inc. | ER309L | 309LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| Praxair Canada Inc. | ER316L | 316L | USA | | | Unli | A5.9/A5.9M:2006 |
| Praxair Canada Inc. | ER316L | 316LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| Raajratna Metal Industries Limited | ER308L | Raaj ER308L | India | | | Unli | A5.9/A5.9M:2006 |
| Raajratna Metal Industries Limited | ER308LSi | Raaj ER308LSi | India | | | Unli | A5.9/A5.9M:2006 |
| Raajratna Metal Industries Limited | ER309L | Raaj ER309L | India | | | Unli | A5.9/A5.9M:2006 |
| Raajratna Metal Industries Limited | ER309LSi | Raaj ER309LSi | India | | | Unli | A5.9/A5.9M:2006 |
| Raajratna Metal Industries Limited | ER316L | Raaj ER316L | India | | | Unli | A5.9/A5.9M:2006 |
| Raajratna Metal Industries Limited | ER316LSi | Raaj ER316LSi | India | | | Unli | A5.9/A5.9M:2006 |
| Rodacciai S.P.A. | ER308L | RW 308 LAWS | Italy | | | Unli | A5.9/A5.9M:2006 |
| Rodacciai S.P.A. | ER308LSi | RW 308 LSi | Italy | | | Unli | A5.9/A5.9M:2006 |
| Rodacciai S.P.A. | ER309L | RW 309 L | Italy | | | Unli | A5.9/A5.9M:2006 |
| Rodacciai S.P.A. | ER309LSi | RW 309 LSi | Italy | | | Unli | A5.9/A5.9M:2006 |
| Rodacciai S.P.A. | ER316L | RW 316 LAWS | Italy | | | Unli | A5.9/A5.9M:2006 |
| Rodacciai S.P.A. | ER316LSi | RW 316 LSi | Italy | | | Unli | A5.9/A5.9M:2006 |
| SCN Industrial | ER308LSi | Weld-Mate Mig 308L | Italy | | | Unli | A5.9/A5.9M:2006 |
| SCN Industrial | ER309LSi | Weld-Mate Mig 309L | Italy | | | Unli | A5.9/A5.9M:2006 |
| SCN Industrial | ER316LSi | Weld-Mate Mig 316L | Italy | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER308L | ER308/308L | USA | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER308LSi | ER308Si/308LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER309L | ER309/309L | USA | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER309LSi | ER309Si/309LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER316L | ER316/316L | USA | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER316LSi | ER316Si/316LSi | USA | | | Unli | A5.9/A5.9M:2006 |
| Sandvik Materials Technology | ER317L | ER317/317L | USA | | | Unli | A5.9/A5.9M:2006 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|--------------------------------|----------------------|----------|------|------|-----------------|
| Sandvik Materials Technology | ER347 | ER347 | USA | | | Unli | A5.9/A5.9M:2006 |
| Select-Arc Inc. | EC308L | SelectAlloy 308L-C Stainless | USA | | | Unli | A5.9/A5.9M:2006 |
| Select-Arc Inc. | EC308LSi | SelectAlloy 308LSi-C Stainless | USA | | | Unli | A5.9/A5.9M:2006 |
| Select-Arc Inc. | EC309L | SelectAlloy 309L-C Stainless | USA | | | Unli | A5.9/A5.9M:2006 |
| Select-Arc Inc. | EC309LSi | SelectAlloy 309LSi-C Stainless | USA | | 0.9 | 1.6 | A5.9/A5.9M:2006 |
| Select-Arc Inc. | EC316L | SelectAlloy 316L-C Stainless | USA | | | Unli | A5.9/A5.9M:2006 |
| Select-Arc Inc. | EC316LSi | SelectAlloy 316LSi-C Stainless | USA | | 0.9 | 1.6 | A5.9/A5.9M:2006 |
| Selectarc Industries S.A.S. | ER308L | Selectarc TIG 308L | Italy | | | Unli | A5.9/A5.9M:2006 |
| Selectarc Industries S.A.S. | ER308LSi | Selectarc MIG 308LSi | Italy | | | Unli | A5.9/A5.9M:2006 |
| Selectarc Industries S.A.S. | ER309L | Selectarc TIG 309L | Italy | | | Unli | A5.9/A5.9M:2006 |
| Selectarc Industries S.A.S. | ER309LSi | Selectarc MIG 309LSi | Italy | | | Unli | A5.9/A5.9M:2006 |
| Selectarc Industries S.A.S. | ER316L | Selectarc TIG 316L | Italy | | | Unli | A5.9/A5.9M:2006 |
| Selectarc Industries S.A.S. | ER316LSi | Selectarc MIG 316LSi | Italy | | | Unli | A5.9/A5.9M:2006 |
| Sodel Limitee | ER308L | ER 308L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Sodel Limitee | ER308LSi | Mig or Tig 308LHS | Canada | | | Unli | A5.9/A5.9M:2006 |
| Sodel Limitee | ER309L | ER 309L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Sodel Limitee | ER316L | ER 316L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Sodel Limitee | ER316LSi | Mig or Tig 316LHS | Canada | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER2209 | Techalloy 2209 | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER308 | Techalloy 308/308L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER308L | Techalloy 308/308L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER308LSi | Techalloy 308LHS | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER309 | Techalloy 309/309L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER309L | Techalloy 309/309L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER309LSi | Techalloy 309LHS | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER310 | Techalloy 310 | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER312 | Techalloy 312 | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER316 | Techalloy 316/316L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER316L | Techalloy 316/316L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER316LSi | Techalloy 316LHS | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER317L | Techalloy 317/317L | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER320LR | Techalloy 320LR | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER347 | Techalloy 347 | USA | | | Unli | A5.9/A5.9M:2006 |
| Techalloy Welding Products, Baltimor | ER630 | Techalloy 630 | USA | | | Unli | A5.9/A5.9M:2006 |
| Techniweld Products Corporation | ER308L | Unibrazed ER308L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Techniweld Products Corporation | ER308L | Powerweld ER308L | China | | | Unli | A5.9/A5.9M:2006 |
| Techniweld Products Corporation | ER309L | Unibrazed ER309L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Techniweld Products Corporation | ER309L | Powerweld ER309L | China | | | Unli | A5.9/A5.9M:2006 |
| Techniweld Products Corporation | ER316L | Unibrazed ER316L | Canada | | | Unli | A5.9/A5.9M:2006 |
| Techniweld Products Corporation | ER316L | Powerweld ER316L | China | | | Unli | A5.9/A5.9M:2006 |
| Vanguard Steel Limited | ER308L | ER308L | China | | | Unli | A5.9/A5.9M:2006 |
| Vanguard Steel Limited | ER308LSi | Bonarc ER308L Hi Si (TIG) | Korea | | | Unli | A5.9/A5.9M:2006 |
| Vanguard Steel Limited | ER308LSi | Bonarc ER308L Hi Si (MIG) | Korea | | | Unli | A5.9/A5.9M:2006 |
| Vanguard Steel Limited | ER309L | ER309L | China | | | Unli | A5.9/A5.9M:2006 |
| Vanguard Steel Limited | ER316L | ER316L | China | | | Unli | A5.9/A5.9M:2006 |
| Changzhou Huatong Welding Wire Co. L | A - 18.8 Mn | 307Si | China | | | 1.2 | ISO 14343 2009 |
| Sandvik Materials Technology | A - 18.8 Mn | AXT | USA | | | Unli | ISO 14343 2009 |

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------|--------------------------|---------------------------------|----------------------|--------------------|------|------|----------|
| 2072902 Ontario Ltd. | B-G 49A 2 C G3 (ER49S-3) | Trico S3 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 2 C G3 (ER49S-3) | Smoothweld S3 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 2 C G3 (ER49S-3) | Robowire S3 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 2 C G3 (ER49S-3) | Supersmoothweld S3 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 3 C G6 (ER49S-6) | Smoothweld S6 {cu} | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 3 C G6 (ER49S-6) | Smoothweld S6 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 3 C G6 (ER49S-6) | Trico S6 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 3 C G6 (ER49S-6) | Robowire S6 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | B-G 49A 3 C G6 (ER49S-6) | Supersmoothweld S6 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| 2072902 Ontario Ltd. | E492T-9-H8 | Super Slag 70 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| 2072902 Ontario Ltd. | E492T-9M-H8 | Super Slag 70 | USA | Ar + 20% to 25%CO2 | 1.2 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 2 C G3 (ER49S-3) | Blueshield LA S-3 {cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 2 C G3 (ER49S-3) | Optiweld OPT S-3 {cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 2 C G3 (ER49S-3) | Blueshield Straightweld S3 {cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 2 C G3 (ER49S-3) | Blueshield LA ECO S-3 {cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 C G6 (ER49S-6) | Blueshield LA S-6 {cu} | Canada | 100%CO2 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 C G6 (ER49S-6) | Optiweld OPT S-6 {cu} | Canada | 100%CO2 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 C G6 (ER49S-6) | Blueshield Straightweld S6 {cu} | Canada | 100%CO2 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 C G6 (ER49S-6) | Blueshield LA ECO S-6 {cu} | Canada | 100%CO2 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 M G6 (ER49S-6) | Blueshield LA S-6 {cu} | Canada | Arcal 14 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 M G6 (ER49S-6) | Optiweld OPT S-6 {cu} | Canada | Arcal 14 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 M G6 (ER49S-6) | Blueshield Straightweld S6 {cu} | Canada | Arcal 14 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | B-G 49A 5 M G6 (ER49S-6) | Blueshield LA ECO S-6 {cu} | Canada | Arcal 14 | 0.8 | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4310 | LA 6010 | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E4311 | LA Ultra 11 | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E4311 | Optiweld Opt-11 | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E4313 | LA 6013 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4313 | Optiweld Opt-13 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4313 | Oerlikon OE 6013 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4914 | LA 7014 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4914 | Optiweld Opt-14 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | Nuclearc 7018 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | LA 7018 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | LA 18 Plus | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | LA 18 LMP | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | LA 18 Plus LMP | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | Optiweld Opt-18 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | Oerlikon OE 7018 | Canada | N/A | | Unli | W48-06 |
| Air Liquide Canada, Inc. | E4918-1-H4 | LA 18 Plus Complete | Canada | N/A | | 6.0 | W48-06 |
| Air Liquide Canada, Inc. | E4918-H8 | LA Excelarc 18 | Canada | N/A | | 4.0 | W48-06 |
| Air Liquide Canada, Inc. | E4918-H8 | Optiweld Opt-18AC | Canada | N/A | | 4.0 | W48-06 |
| Air Liquide Canada, Inc. | E4918-H8 | Oerlikon OE 7018AC | Canada | N/A | | 4.0 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6-H4 | Blueshield LA C-6 | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6-H4 | Blueshield LA C-6 CT | USA | 100%CO2 | 0.9 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6-H4 | Blueshield LA C-6LF | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6-H4 | Blueshield LA C-6 CR | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6-H4 | Blueshield LA C-6 LS | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------|----------------|-------------------------|----------------------|--------------------------|------|------|-------------|
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 | USA | Ar + 5%CO2 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 | USA | Arcal 211 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 | USA | Arcal 14 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 CT | USA | Ar + 5%CO2 | 0.9 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 CT | USA | Arcal 211 | 0.9 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6LF | USA | Arcal 211 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6LF | USA | Arcal 14 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6LF | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 | USA | Blueshield 23 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 CR | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 LS | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 LS | USA | Arcal 211 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6M-H4 | Blueshield LA C-6 LS | USA | Arcal 14 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491C-6MJ-H4 | Blueshield LA C-6 CT | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-11-H8 | Blueshield LA T-11 | USA | N/A | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-11-H8 | Optiweld Opt-T11 | USA | N/A | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-12J-H4 | Blueshield LA 91-T12M | USA | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-12MJ-H4 | Blueshield LA 91-T12M | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-12MJ-H4 | Blueshield LA 91-T12M | USA | Arcal 211 | 1.1 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-14-H16 | Blueshield LA T-14 | USA | N/A | 0.76 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-14-H16 | Optiweld Opt-T14 | USA | N/A | 0.76 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9-H4 | Blueshield LA T-91 LF | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9-H8 | Blueshield LA T-91 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9-H8 | Blueshield LA T-91 Plus | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9M-H4 | Blueshield LA T-91 LF | USA | Arcal 211 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9M-H4 | Blueshield LA T-91 LF | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9M-H8 | Blueshield LA T-91 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9M-H8 | Blueshield LA T-91 Plus | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E491T-9M-H8 | Blueshield LA T-91 | USA | Arcal 211 | 1.2 | 1.6 | W48-06 |
| Air Liquide Canada, Inc. | E4924 | LA 7024 | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E4924 | Optiweld Opt-24 | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E4924 | Oerlikon OE 7024 | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E4928-H8 | LA 7028 | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E492T-4-H16 | Blueshield LA Unishield | USA | N/A | 2.0 | 3.0 | W48-06 |
| Air Liquide Canada, Inc. | E492T-9-H8 | Blueshield LA T-9 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E492T-9-H8 | Blueshield LA T-9 Plus | USA | 100%CO2 | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E492T-9-H8 | Blueshield LA T-9LF | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E492T-9M-H8 | Blueshield LA T-9 | USA | Ar + 20% to 25%CO2 | 1.2 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E492T-9M-H8 | Blueshield LA T-9 Plus | USA | Ar + 20% to 25%CO2 | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E492T-9M-H8 | Blueshield LA T-9 | USA | Arcal 211 | 1.2 | 2.4 | W48-06 |
| Air Liquide Canada, Inc. | E5518-B2-H4 | LA 8018 B2 | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E5518-C1-H8 | LA 8018-C1 | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E5518-C3-H8 | LA 8018-C3 | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | E6218-M | LA 9018-M | Canada | N/A | | 5.0 | W48-06 |
| Air Liquide Canada, Inc. | E7618-M | LA 11018-M | Canada | N/A | | | Unli W48-06 |
| Air Liquide Canada, Inc. | F49A3-EM12K | Blueshield LA 12K | Canada | OP 139 (made in Germany) | | | Unli W48-06 |
| Air Liquide Canada, Inc. | F49A3-EM12K | Blueshield LA 12K | Canada | OP 176 (made in Germany) | | | Unli W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------------|--------------------------|-------------------------------------|----------------------|----------------------------|------|------|-------------|
| Air Liquide Canada, Inc. | F49A4-EM12K | Blueshield LA 12K | Canada | LA46 (made in Italy) | | | Unli W48-06 |
| Air Liquide Canada, Inc. | F49A6-EM12K | Blueshield LA 12K | Canada | LA59 (made in Germany) | | | Unli W48-06 |
| Air Liquide Canada, Inc. | F49A6-EM12K | Blueshield LA 12K | Canada | OP 121TT (made in Germany) | | | Unli W48-06 |
| Air Liquide Canada, Inc. | F49P6-EM12K | Blueshield LA 12K | Canada | LA59 (made in Germany) | | | Unli W48-06 |
| Airgas, Inc. | B-G 49A 3 C G6 (ER49S-6) | ER70S-6 {cu} | Mexico | 100%CO2 | 0.6 | | Unli W48-06 |
| Airgas, Inc. | B-G 49A 3 C G6 (ER49S-6) | Radnor ER70S-6 {cu} | Mexico | 100%CO2 | 0.6 | | Unli W48-06 |
| American Buildings Company | F49A2-EM13K | Lincolnweld L-50 | Ohio | Recycled F49A2 (781) | 4.0 | | Unli W48-06 |
| American Buildings Company | F49A2-EM13K | Lincolnweld L-50 | Ohio | Recycled F49A2 (781) | 4.0 | | Unli W48-06 |
| Arcos Industries, LLC | E308-16 | E308/E308L-16 | USA | N/A | | 5.0 | W48-06 |
| Arcos Industries, LLC | E308L-16 | E308/E308L-16 | USA | N/A | | 5.0 | W48-06 |
| Arcos Industries, LLC | E309-16 | E309/E309L-16 | USA | N/A | | 5.0 | W48-06 |
| Arcos Industries, LLC | E309L-16 | E309/E309L-16 | USA | N/A | | 5.0 | W48-06 |
| Arcos Industries, LLC | E316-16 | E316/E316L-16 | USA | N/A | | 5.0 | W48-06 |
| Arcos Industries, LLC | E316L-16 | E316/E316L-16 | USA | N/A | | 5.0 | W48-06 |
| Arcos Industries, LLC | E491T-12MJ-H4 | Arcos E71T-1 | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Arcos Industries, LLC | E492T-9-H8 | Arcos E70T-1 | USA | 100%CO2 | | | Unli W48-06 |
| Arcos Industries, LLC | E492T-9M-H8 | Arcos E70T-1 | USA | Ar + 20% to 25%CO2 | | | Unli W48-06 |
| Arctec Alloys Limited | B-G 49A 2 C G3 (ER49S-3) | Arctec ER70S-3 (cu) | Korea | 100%CO2 | 0.8 | | Unli W48-06 |
| Arctec Alloys Limited | B-G 49A 3 C G6 (ER49S-6) | Arctec ER70S-6 (cu) | Korea | 100%CO2 | 0.8 | | Unli W48-06 |
| Arctec Alloys Limited | E308L-16 | E308L-16 | Korea | N/A | | 5.0 | W48-06 |
| Arctec Alloys Limited | E309L-16 | E309L-16 | Korea | N/A | | 5.0 | W48-06 |
| Arctec Alloys Limited | E316L-16 | E316L-16 | Korea | | | 5.0 | W48-06 |
| Arctec Alloys Limited | E491T-1-H8 | FCS 1171 M | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Arctec Alloys Limited | E491T-11-H16 | FCS FCO 222 | USA | N/A | 0.9 | 1.6 | W48-06 |
| Arctec Alloys Limited | E491T-9-H8 | FCS 171 | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Arctec Alloys Limited | E491T-9M-H8 | FCS 171 | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Atlantic China Welding Consumables, | B-G 49A 2 C G3 (ER49S-3) | CHW -50C3 {cu} | China | 100%CO2 | 0.6 | | Unli W48-06 |
| Atlantic China Welding Consumables, | B-G 49A 3 C G6 (ER49S-6) | CHW -50C6SM {cu} | China | 100%CO2 | 0.8 | | Unli W48-06 |
| Atlantic China Welding Consumables, | E308L-16 | CHS002 | China | N/A | | 5.0 | W48-06 |
| Atlantic China Welding Consumables, | E309L-16 | CHS062 | China | N/A | | 5.0 | W48-06 |
| Atlantic China Welding Consumables, | E316L-16 | CHS022 | China | N/A | | 5.0 | W48-06 |
| Atlantic China Welding Consumables, | E4313 | CHE40 | China | N/A | | 4.0 | W48-06 |
| Atlantic China Welding Consumables, | E4915-H8 | CHE50 (2 hours baking at min. of 35 | China | N/A | | 5.0 | W48-06 |
| Atlantic China Welding Consumables, | E4918-1-H8 | CHE58-1 (2 hours baking at min. of | China | N/A | | 5.0 | W48-06 |
| Atlantic China Welding Consumables, | E491T-9-H8 | CHT711 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Atlantic China Welding Consumables, | F49A4-EH14 | CHW -S3 {cu} | China | CHF101 (Made in China) | | | Unli W48-06 |
| Avesta Welding | E2209-17 | 2205 | Sweden | N/A | | 5.0 | W48-06 |
| Avesta Welding | E2209-17 | 2205-PW AC/DC | Sweden | N/A | | 5.0 | W48-06 |
| Avesta Welding | E308-17 | 308/308H AC/DC | Sweden | N/A | | 5.0 | W48-06 |
| Avesta Welding | E308L-16 | E308L-16 | Indonesia | N/A | | 4.0 | W48-06 |
| Avesta Welding | E308L-17 | 308L/MVR-VDX AC/DC | Sweden | N/A | | 3.25 | W48-06 |
| Avesta Welding | E308L-17 | 308L/MVR-PW AC/DC | Sweden | N/A | | 3.25 | W48-06 |
| Avesta Welding | E308L-17 | 308L/MVR-2D | Sweden | N/A | 3.25 | 5.0 | W48-06 |
| Avesta Welding | E308L-17 | 308L/MVR | Indonesia | N/A | | 5.0 | W48-06 |
| Avesta Welding | E309-17 | 309 AC/DC | Sweden | N/A | | 4.0 | W48-06 |
| Avesta Welding | E309L-16 | E309L-16 | Indonesia | N/A | | 4.0 | W48-06 |
| Avesta Welding | E309L-17 | 309L | Sweden | N/A | | 5.0 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|-------------------------------------|----------------------|----------------------------|------|------|----------|
| Avesta Welding | E309L-17 | 309L | Indonesia | N/A | | 5.0 | W48-06 |
| Avesta Welding | E309LMo-17 | P5 | Sweden | N/A | | 5.0 | W48-06 |
| Avesta Welding | E309LMo-17 | P5 | Indonesia | N/A | | 5.0 | W48-06 |
| Avesta Welding | E310-17 | 310 AC/DC | Sweden | N/A | | 4.0 | W48-06 |
| Avesta Welding | E316-17 | 316/316H AC/DC | Sweden | N/A | | 4.0 | W48-06 |
| Avesta Welding | E316L-16 | E316L-16 | Indonesia | N/A | | 4.0 | W48-06 |
| Avesta Welding | E316L-17 | 316L/SKR-VDX AC/DC | Sweden | N/A | 3.25 | 3.25 | W48-06 |
| Avesta Welding | E316L-17 | 316L/SKR-PW AC/DC | Sweden | N/A | | 4.0 | W48-06 |
| Avesta Welding | E316L-17 | 316L/SKR-2D | Sweden | N/A | | 5.0 | W48-06 |
| Avesta Welding | E316L-17 | 316L/SKR | Indonesia | N/A | | 5.0 | W48-06 |
| Avesta Welding | E317L-17 | 317L/SNR AC/DC | Sweden | N/A | | 5.0 | W48-06 |
| Avesta Welding | E347-17 | 347/MVNB | Sweden | N/A | | 5.0 | W48-06 |
| Belgo Bekaert Arames Ltda. | B-G 49A 2 C G3 (ER49S-3) | Belgo S-3 | Brazil | 100%CO2 | 0.8 | Unli | W48-06 |
| Belgo Bekaert Arames Ltda. | B-G 49A 3 C G6 (ER49S-6) | BME - C4 | Brazil | 100%CO2 | 0.8 | Unli | W48-06 |
| Boehler Schweisstechnik Austria GmbH | B-G 49A 3 C G6 (ER49S-6) | Boehler EMK 6 {cu} | Austria | 100%CO2 | 0.8 | Unli | W48-06 |
| Bohler Soldaduras, S.A. de C.V. | E308L-16 | UTP 6820 LC | Edo. de Mexico | N/A | | 5.0 | W48-06 |
| Bohler Soldaduras, S.A. de C.V. | E309L-16 | UTP 6824LC | Edo. de Mexico | N/A | | 5.0 | W48-06 |
| Bohler Soldaduras, S.A. de C.V. | E316L-16 | UTP 6820MOLC | Edo. de Mexico | N/A | | 5.0 | W48-06 |
| Bohler Soldaduras, S.A. de C.V. | E317L-16 | UTP 317LC TI | Edo. de Mexico | N/A | | 4.0 | W48-06 |
| Bohler Welding Group Canada Ltd. | B-G 49A 3 C G6 (ER49S-6) | Union ER70S-6 | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Bohler Welding Group Canada Ltd. | B-G 49A 3 C G6 (ER49S-6) | Bohler EMK 8-D | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Bohler Welding Group Canada Ltd. | B-G 49A 3 C G6 (ER49S-6) | Bohler EMK 8S-U | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Bohler Welding Group Canada Ltd. | E308L-17 | Thermanit JEW 308L-17 | Austria | N/A | | 5.0 | W48-06 |
| Bohler Welding Group Canada Ltd. | E308L-17 | FOX EAS 2-A | Austria | N/A | | 5.0 | W48-06 |
| Bohler Welding Group Canada Ltd. | E309L-17 | Thermanit 25/14 309L-17 | Austria | N/A | | 5.0 | W48-06 |
| Bohler Welding Group Canada Ltd. | E309L-17 | FOX CN 23/12-A | Austria | N/A | | 5.0 | W48-06 |
| Bohler Welding Group Canada Ltd. | E316L-17 | Thermanit GEW 316L-17 | Austria | N/A | | 5.0 | W48-06 |
| Bohler Welding Group Canada Ltd. | E316L-17 | FOX EAS 4 M-A | Austria | N/A | | 5.0 | W48-06 |
| Bohler Welding Technology (China) Co | E4918-1-H4 | Bohler E7018-1 (2 hours baking at m | China | N/A | | Unli | W48-06 |
| Bohler Welding Technology (China) Co | E4918-H4 | Bohler E7018 (DCEP only) (2 hours | China | N/A | | Unli | W48-06 |
| Bohler Welding Technology (China) Co | F49A2-EM12K | T Union SA EM12K | China | T UV 101SJ (made in China) | | Unli | W48-06 |
| Changzhou City Yunhe Welding Materia | B-G 49A 3 C G6 (ER49S-6) | YH50-6 {cu} | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Changzhou Huatong Welding Wire Co. L | B-G 49A 2 C G3 (ER49S-3) | HTW-53 {cu} | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Changzhou Huatong Welding Wire Co. L | B-G 49A 3 C G6 (ER49S-6) | HTW-50 {cu} | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Changzhou Huatong Welding Wire Co. L | E491T-9-H8 | HTW-711 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Changzhou Huatong Welding Wire Co. L | E491T-9M-H8 | HTW-711 | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Changzhou Zhengyang Welding Material | B-G 49A 3 C G6 (ER49S-6) | JY50-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Controlled Products Group | E491C-6-H4 | Inco-Weld E70C-6M | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Controlled Products Group | E491C-6M-H4 | Inco-Weld E70C-6M | USA | Ar + 5%CO2 | 0.9 | 1.6 | W48-06 |
| Corex Canada | E4311 | Cor-Arc 6011 | USA | N/A | | 5.0 | W48-06 |
| Corex Canada | E4914 | Cor-Arc 7014 | USA | N/A | | 5.0 | W48-06 |
| Corex Canada | E491T-9-H8 | VISION AP70 | Canada | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Corex Canada | E491T-9M-H8 | VISION AP70 | Canada | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| Corex Canada | E492T-9-H8 | FLUX-COR 7XR | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Corex Canada | E492T-9-H8 | FLUX-COR 7 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Cronatron Welding Systems, Inc. | E4918-1-H8 | Cronaweld 311-1 | USA | N/A | | Unli | W48-06 |
| Cronatron Welding Systems, Inc. | E491T-12M-H16 | Cronamig 311M-FC | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|---|------------------------------|--------------------------|----------------------|----------------------|------|------|----------|
| Drahtzug Stein Wire & Welding GmbH & Drahtzug Stein Wire & Welding GmbH & Drahtzug Stein Wire & Welding GmbH & Drahtzug Stein Wire & Welding GmbH & ESAB AB | E491C-6M-H4 | Megafil 710M | Germany | Ar + 20% to 25%CO2 | | Unli | W48-06 |
| Drahtzug Stein Wire & Welding GmbH & ESAB AB | E491T-9-H4 | Megafil 713R | Germany | 100%CO2 | | Unli | W48-06 |
| Drahtzug Stein Wire & Welding GmbH & ESAB AB | E491T-9M-H4 | Megafil 713R | Germany | Ar + 20% to 25%CO2 | | Unli | W48-06 |
| Drahtzug Stein Wire & Welding GmbH & ESAB AB | E491T-G-H4 | Megafil 781R | Germany | Ar + 20% to 25%CO2 | | Unli | W48-06 |
| ESAB AB | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 {ncu} | Czech Republic | 100%CO2 | 1.0 | Unli | W48-06 |
| ESAB AB | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.63 {ncu} | Czech Republic | 100%CO2 | 0.8 | Unli | W48-06 |
| ESAB AB | B-G 49A 3 C G6 (ER49S-6) | MIG-6 {cu} | Czech Republic | 100%CO2 | 0.8 | Unli | W48-06 |
| ESAB AB | B-G 49A 3 C G6 (ER49S-6) | OK AristoRod 12.50 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| ESAB AB | B-G 55A 3 C G4M31 (ER80S-D2) | OK Aristorod 13.08 {ncu} | Czech Republic | 100%CO2 | 1.2 | Unli | W48-06 |
| ESAB AB | E2209-17 | OK 67.50 | Sweden | N/A | | 5.0 | W48-06 |
| ESAB AB | E308L-17 | OK 61.30 | Sweden | N/A | | 5.0 | W48-06 |
| ESAB AB | E309L-17 | OK 67.60 | Sweden | N/A | | 5.0 | W48-06 |
| ESAB AB | E309LMo-17 | OK 67.70 | Sweden | N/A | | 5.0 | W48-06 |
| ESAB AB | E316L-16 | OK 63.34 | Sweden | N/A | | 3.2 | W48-06 |
| ESAB AB | E316L-16 | OK 63.20 | Sweden | N/A | | 3.2 | W48-06 |
| ESAB AB | E316L-17 | OK 63.30 | Sweden | N/A | | 5.0 | W48-06 |
| ESAB AB | E4918-1 | OK 55.00 | Sweden | N/A | | Unli | W48-06 |
| ESAB AB | E4924 | OK Femax 33.80 | Sweden | N/A | | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Argoshield Pro | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Argoshield Universal | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Argoshield Light | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Argoshield 25C | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Argoshield 8C | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Argoshield GP | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | OK Aristorod 12.50 | China | Linde Mison 8C | 0.8 | Unli | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3M G6 (ER49S-6) | OK Aristorod 12.50 | China | Linde Mison 15C | 0.6 | 1.2 | W48-06 |
| ESAB Group Canada Inc. | B-G 49A 3M G6 (ER49S-6) | OK Aristorod 12.50 | China | Linde Mison 25C | 0.6 | 1.2 | W48-06 |
| ESAB Group Canada Inc. | E491C-6M-H4 | Coreweld C6 | USA | Linde Mison 15C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491C-6M-H8 | Coreweld C6 | USA | Argoshield GP | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491C-6M-H8 | Coreweld C6 | USA | Argoshield 8C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491C-6M-H8 | Coreweld C6 | USA | Linde Mison 8C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491C-6M-H8 | Coreweld C6 | USA | Stargon VS | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491T-12MJ-H16 | Dual Shield II 712X | USA | Argoshield 25C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491T-9M-H16 | Dual Shield 710X | USA | Argoshield 25C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491T-9M-H8 | Dual Shield 710X-M | USA | Argoshield 25C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491T-9M-H8 | Dual Shield 710X-M | USA | Argoshield GP | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491T-9M-H8 | Dual Shield 710X-M | USA | Linde Mison 25C | 1.2 | 1.6 | W48-06 |
| ESAB Group Canada Inc. | E491T-9M-H8 | Dual Shield 710X-M | USA | Linde Mison 15C | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E308L-16 | Arcaloy 308L-16 | USA | N/A | | 4.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E309L-16 | Arcaloy 309L-16 | USA | N/A | | 4.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E316L-16 | Arcaloy 316LF5-16 | USA | N/A | | 4.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E4311 | Sureweld SW-14 | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E4313 | Sureweld 6013-LV | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E4918 | Atom Arc 7018 | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E4918-1-H8 | Atom Arc 7018-1 | USA | N/A | | Unli | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6-H4 | Coreweld 70 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6M-H4 | Coreweld 77-HS | USA | Ar + 20% to 25%CO2 | 1.2 | Unli | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-----------------------------|--------------------------|-------------------------------|----------------------|--------------------|------|------|----------|
| ESAB Group, Inc./Alloy Rods | E491C-6M-H4 | Coreweld 70 | USA | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6M-H4 | Coreweld C6 | USA | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6M-H4 | Coreweld C6 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6M-H4 | Coreweld 77-HS | USA | Ar + 8%CO2 | 1.2 | Unli | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6M-H8 | Coreweld 70 | USA | Mig Mix Gold | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491C-6M-H8 | Coreweld 77-HS | USA | Ar + 8%CO2 | 1.2 | Unli | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-11-H16 | Coreshield 11 | USA | N/A | 0.9 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-12-H8 | Dual Shield II 71 Ultra | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-12-H8 | Dual Shield II 711X | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-12M-H16 | Dual Shield II 70 Ultra | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-12MJ-H16 | Dual Shield II 712X | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-12MJ-H4 | Dual Shield II 70T-12H4 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-1M-H16 | Dual Shield 70 Ultra Plus | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-1M-H16 | Dual Shield 70 Ultra Plus | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-8-H8 | Coreshield 8 | USA | N/A | 1.6 | 2.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9-H16 | Dual Shield 7100 LC | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9-H16 | Dual Shield 710X | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9-H8 | Dual Shield 7100 Ultra | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9M-H16 | Dual Shield 7100 LC | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9M-H16 | Dual Shield 710X | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9M-H8 | Dual Shield 7100 Ultra | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9M-H8 | Dual Shield 710X-M | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E491T-9M-H8 | Dual Shield 710X-M | USA | Ar + 15%CO2 | 1.2 | 1.6 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E4924 | Sureweld 7024 | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E4924 | Prostar 7024 | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E492C-6M-H8 | Coreweld 77-HS | USA | Ar + 8%CO2 | 1.6 | Unli | W48-06 |
| ESAB Group, Inc./Alloy Rods | E492C-6M-H8 | Coreweld 77-HS | USA | Ar + 20% to 25%CO2 | 1.6 | Unli | W48-06 |
| ESAB Group, Inc./Alloy Rods | E492T-1 | Dual Shield 700X | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E492T-6 | Coreshield 6 | USA | N/A | 2.0 | 2.4 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E492T-9-H16 | Dual Shield R-70 Ultra | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E492T-9M-H16 | Dual Shield R-70 Ultra | USA | Ar + 20% to 25%CO2 | 1.2 | 2.4 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E5518-C1 | Atom Arc 8018-C1 | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E5518-C3 | Atom Arc 8018 | USA | N/A | | 5.0 | W48-06 |
| ESAB Group, Inc./Alloy Rods | E7618-M | Atom Arc T | USA | N/A | | 5.0 | W48-06 |
| ESAB Group/All-State | E491T-11-H16 | All-State Shield-Free Plus-MP | USA | N/A | 0.9 | 1.6 | W48-06 |
| ESAB India Ltd. | B-G 49A 3 C G6 (ER49S-6) | ESAB MW1 | India | 100%CO2 | 1.2 | Unli | W48-06 |
| ESAB Mexico SA de CV | B-G 49A 2 C G3 (ER49S-3) | Spoolarc 29S {cu} | Mexico | 100%CO2 | 0.9 | Unli | W48-06 |
| ESAB Mexico SA de CV | B-G 49A 2 C G3 (ER49S-3) | Mig-3 {cu} | Mexico | 100%CO2 | 0.9 | Unli | W48-06 |
| ESAB Mexico SA de CV | B-G 49A 3 C G6 (ER49S-6) | Spoolarc 86 {cu} | Mexico | 100%CO2 | 0.8 | Unli | W48-06 |
| ESAB Mexico SA de CV | B-G 49A 3 C G6 (ER49S-6) | Mig-6 {cu} | Mexico | 100%CO2 | 0.8 | Unli | W48-06 |
| ESAB Mexico SA de CV | B-G 49A 3 C G6 (ER49S-6) | Arc Plus 6 {cu} | Mexico | 100%CO2 | 0.8 | Unli | W48-06 |
| ESAB Mexico SA de CV | E308L-17 | Arcaloy 308L-17 Plus | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E309L-17 | Arcaloy 309L-17 Plus | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E316L-17 | Arcaloy 316L-17 Plus | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E4311 | Sureweld SW-14 | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E4311 | Prostar 6011 | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E4313 | Sureweld 6013-LV | Mexico | N/A | | 4.0 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|-----------------------|----------------------|-------------------------|------|------|----------|
| ESAB Mexico SA de CV | E4918 | ESAB 7018 | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E4918 | Atom Arc 7018 | Mexico | N/A | | 5.0 | W48-06 |
| ESAB Mexico SA de CV | E4918 | Prostar 7018AC | Mexico | N/A | | 4.0 | W48-06 |
| ESAB Mexico SA de CV | E4918-1 | Atom Arc 7018-1 | Mexico | N/A | | Unli | W48-06 |
| ESAB Mexico SA de CV | E4918-1 | Prostar 7018 | Mexico | N/A | | Unli | W48-06 |
| ESAB Mexico SA de CV | E4924 | Sureweld 7024 | Mexico | N/A | | Unli | W48-06 |
| ESAB Mexico SA de CV | E4924 | Prostar 7024 | Mexico | N/A | | Unli | W48-06 |
| ESAB Mor Kft | E4918-1 | OK 56.69 | Hungary | N/A | | Unli | W48-06 |
| Eagle Alloys Ltd. | B-G 49A 3 C G6 (ER49S-6) | Eagle 70S-6 | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Eagle Alloys Ltd. | E308L-16 | Eagle E308L-16 | Korea | N/A | | 5.0 | W48-06 |
| Eagle Alloys Ltd. | E309L-16 | Eagle E309L-16 | Korea | N/A | | 5.0 | W48-06 |
| Eagle Alloys Ltd. | E316L-16 | Eagle E316L-16 | Korea | N/A | | 5.0 | W48-06 |
| Eagle Alloys Ltd. | E4918-1 | Eagle 7018-1 | Korea | N/A | | 5.0 | W48-06 |
| Eagle Alloys Ltd. | E491T-9-H8 | Eagle 771 FGS | Korea | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Eagle Alloys Ltd. | E491T-9M-H8 | Eagle 771 FGS | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Eagle Alloys Ltd. | E492C-6M-H8 | Eagle 770 MC | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Elbor Srl | B-G 49A 3 C G6 (ER49S-6) | MIG ER70S-6 {cu} | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Electrodos Infra, S.A. de C.V. | B-G 49A 3 C G6 (ER49S-6) | Infra Welding Wire | Mexico | 100%CO2 | 0.6 | Unli | W48-06 |
| Electrodos Infra, S.A. de C.V. | B-G 49A 3 C G6 (ER49S-6) | Infra Pack | Mexico | 100%CO2 | 0.9 | Unli | W48-06 |
| Eutectic Canada Inc. | E491C-6J-H4 | Endotec Alloy DO*270 | Italy | 100%CO2 | 1.0 | 1.6 | W48-06 |
| Eutectic Canada Inc. | E491C-6MJ-H4 | Endotec Alloy DO*270 | Italy | Ar + 20% to 25%CO2 | 1.0 | 1.6 | W48-06 |
| Eutectic Canada Inc. | E491T-9J-H4 | Endotec Alloy DO*266S | Italy | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Eutectic Canada Inc. | E491T-9MJ-H4 | Endotec Alloy DO*266S | Italy | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| FSH Welding Canada | E308L-16 | Selectarc 308L-16 | France | N/A | | 4.0 | W48-06 |
| FSH Welding Canada | E308L-17 | Selectarc 308L-17 | France | N/A | | 4.0 | W48-06 |
| FSH Welding Canada | E309L-16 | Selectarc 309L-16 | France | N/A | | 4.0 | W48-06 |
| FSH Welding Canada | E309L-17 | Selectarc 309L-17 | France | N/A | | 4.0 | W48-06 |
| FSH Welding Canada | E316L-16 | Selectarc 316L-16 VD | France | N/A | | 4.0 | W48-06 |
| FSH Welding Canada | E316L-16 | Selectarc 316L-16 | France | N/A | | 4.0 | W48-06 |
| FSH Welding Canada | E316L-17 | Selectarc 316L-17 | France | N/A | | 4.0 | W48-06 |
| GTS Inc. | B-G 49A 3 C G6 (ER49S-6) | GTS Hyperglide 6000 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Gedik Kaynak Sanayi ve Ticaret A.S. | B-G 49A 2 C G3 (ER49S-3) | GeKa SG 1 | Turkey | 100%CO2 | 0.8 | Unli | W48-06 |
| Gedik Kaynak Sanayi ve Ticaret A.S. | B-G 49A 3 C G6 (ER49S-6) | GeKa SG 2 | Turkey | 100%CO2 | 0.8 | Unli | W48-06 |
| Gedik Kaynak Sanayi ve Ticaret A.S. | E4313 | GeKa ELIT | Turkey | N/A | | 5.0 | W48-06 |
| Gedik Kaynak Sanayi ve Ticaret A.S. | E4918-H4 | GeKa Laser B47 | Turkey | N/A | | 5.0 | W48-06 |
| Gedik Kaynak Sanayi ve Ticaret A.S. | E491T-9J-H8 | GeKa ELCOR R 71 | Turkey | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Grytgols Bruk AB | B-G 49A 3 C G6 (ER49S-6) | GB-74 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| Grytgols Bruk AB | B-G 49A 3 C G6 (ER49S-6) | GB-76 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| Hobart Bothers Co., Tubular Wire Bus | F49A4-EC1 | Metalloy EM13K-S | USA | HA-495 (made in Taiwan) | | Unli | W48-06 |
| Hobart Bothers Co., Tubular Wire Bus | F49A5-EC1 | Metalloy EM13K-S | USA | HN-590 (made in Taiwan) | | Unli | W48-06 |
| Hobart Bothers Co., Tubular Wire Bus | F49A5-EC1 | Metalloy EM13K-S | USA | HN-511 (made in Taiwan) | | Unli | W48-06 |
| Hobart Bothers Co., Tubular Wire Bus | F49A6-EC1 | Metalloy EM13K-S MOD | USA | HN-590 (made in Taiwan) | | Unli | W48-06 |
| Hobart Bothers Co., Tubular Wire Bus | F49A6-EC1 | Metalloy EM13K-S MOD | USA | HN-511 (made in Taiwan) | | Unli | W48-06 |
| Hobart Brothers Co. - Trimark | E492T-5J-H4 | Tri-Mark TM-55 | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Hobart Brothers Co. - Trimark | E492T-5MJ-H4 | Tri-Mark TM-55 | USA | Ar + 20% to 25%CO2 | 1.6 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 71 | USA | Ar + 20% to 25%CO2 | 0.9 | 1.3 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Mig Mix Gold | 1.2 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|---------------------------|----------------------|--------------------|------|------|----------|
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Mig Mix Gold | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Mig Mix Gold | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Mig Mix Gold | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex METAL-COR 6-L | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex METAL-COR 6-L | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Ar + 5%CO2 | 0.9 | 0.9 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Ar + 20% to 25%CO2 | 0.9 | 0.9 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Mig Mix Gold | 0.9 | 0.9 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Ar + 5%CO2 | 0.9 | 0.9 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Ar + 20% to 25%CO2 | 0.9 | 0.9 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Mig Mix Gold | 0.9 | 0.9 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Ar + 5%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Ar + 20% to 25%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Mig Mix Gold | 0.9 | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Ar + 5%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Ar + 20% to 25%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Mig Mix Gold | 0.9 | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Eclipse ULTIMET 716 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Eclipse ULTIMET 716 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex VISION MetCOR 70 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex VISION MetCOR 70 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 76 | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | FabCOR 96 | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex METAL-COR 6XC | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex Metal-Cor 6 | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Fabcor 86R | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Speed Cor 6 | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | FabCOR 96 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | FabCOR 96 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex METAL-COR 6XC | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Corex METAL-COR 6XC | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 70X | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6M-H4 | Tri-Mark Metalloy 70X | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | Tri-Mark Metalloy Vantage | USA | Ar + 20% to 25%CO2 | 1.2 | 1.2 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | Tri-Mark Metalloy Vantage | USA | Ar + 5%CO2 | 1.2 | 1.2 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | Corex Metal-Cor Maxim | USA | Ar + 20% to 25%CO2 | 1.2 | 1.2 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | Corex Metal-Cor Maxim | USA | Ar + 5%CO2 | 1.2 | 1.2 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | FabCOR Edge | USA | Ar + 5%CO2 | 1.2 | 1.2 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | FabCOR Edge | USA | Ar + 20% to 25%CO2 | 1.2 | 1.2 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|-----------------------|----------------------|--------------------|------|------|----------|
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | Fabcor 86R | USA | Ar + 25%CO2 | 1.6 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491C-6MJ-H4 | Fabcor 86R | USA | Ar + 5%CO2 | 1.6 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-1-H8 | Tri-Mark Triple 7 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-1-H8 | Mckay Speed-Alloy 71A | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-1-H8 | Corex Versatile | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-11-H8 | FabShield 21B | USA | N/A | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12J-H8 | Tri-Mark TM-771 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12J-H8 | Corex Verti-Cor 72 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12J-H8 | Tri-Mark TM-771 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12J-H8 | Corex Verti-Cor 72 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ | Tri-Mark TM-910 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ | Tri-Mark TM-910 | USA | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ | Tri-Mark TM-910 | USA | Linde Mison 15C | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ | Tri-Mark TM-910 | USA | Linde Mison 25C | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Corex Verti-Cor 70 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Tri-Mark TM-770 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Hobart Formula XL-525 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Tri-Mark TM-770 | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Tri-Mark TM-770 | USA | Ar + 15%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Tri-Mark TM-770 | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Hobart Formula XL-525 | USA | Ar + 15%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Corex Verti-Cor 70 | USA | Ar + 15%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H4 | Corex Verti-Cor 70 | USA | Linde Mison 15C | 1.2 | 1.2 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H8 | Corex Verti-Cor 70 | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H8 | Hobart Formula XL-525 | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H8 | Hobart Formula XL-525 | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-12MJ-H8 | Corex Verti-Cor 70 | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-1M-H8 | Tri-Mark Triple 7 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-1M-H8 | Corex Versatile | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-1M-H8 | Mckay Speed-Alloy 71A | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-8J-H8 | Fabshield XLR-8 | USA | N/A | 1.6 | 2.0 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H4 | Formula XL-550 (H4) | USA | 100%CO2 | 1.2 | 1.3 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H4 | Formula XL-550 (H4) | USA | 100%CO2 | 1.2 | 1.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Excel-Arc 71 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Excel-Arc 71 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Tri-Mark Triple 8 | USA | 100%CO2 | 1.6 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Tri-Mark Triple 8 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Formula XL-550 | USA | 100%CO2 | 1.6 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Fabco Hornet | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | FabCO XL-71 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9-H8 | Corex VISION AP70 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9M-H8 | Excel-Arc 71 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9M-H8 | Excel-Arc 71 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9M-H8 | Fabco Hornet | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9M-H8 | FabCO XL-71 | USA | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-9M-H8 | Corex VISION AP70 | USA | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E491T-GS | Fabshield 23 | USA | N/A | 1.2 | 1.2 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|----------------|-------------------------------|----------------------|-------------------------|------|------|----------|
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | Matrix | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | Matrix | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | METAL-COR 6 | USA | Linde Mison 15C | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | METAL-COR 6 | USA | Argoshield GP | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | METAL-COR 6 | USA | Argoshield Pro | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | METAL-COR 6-L | USA | Linde Mison 8C | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | METAL-COR 6 | USA | Argoshield Universal | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6M-H4 | METAL-COR 6 | USA | Linde Mison 8C | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6MJ-H4 | Corex Metal-Cor Maxim | USA | Ar + 20% to 25%CO2 | 1.4 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6MJ-H4 | Tri-Mark Metalloy Vantage | USA | Ar + 5%CO2 | 1.4 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6MJ-H4 | Tri-Mark Metalloy Vantage | USA | Ar + 20% to 25%CO2 | 1.4 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6MJ-H4 | Corex Metal-Cor Maxim | USA | Ar + 5%CO2 | 1.4 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6MJ-H4 | FabCOR Edge | USA | Ar + 5%CO2 | 1.4 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492C-6MJ-H4 | FabCOR Edge | USA | Ar + 20% to 25%CO2 | 1.4 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-5J-H4 | Corex Tuf-Cor 5 | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-5J-H4 | Fabco 85 | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-5MJ-H4 | Fabco 85 | USA | Ar + 20% to 25%CO2 | 1.6 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-5MJ-H4 | Corex Tuf-Cor 5 | USA | Ar + 20% to 25%CO2 | 1.6 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H16 | Tri-Mark TM-72 | USA | 100%CO2 | 2.4 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H16 | Fabco 87 | USA | 100%CO2 | 2.4 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H8 | FabCO TR70 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H8 | Tri-Mark TM RX7 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H8 | Fabdual T9M | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H8 | FabCo RXR | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H8 | Eclipse RXR-XLS | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9-H8 | Corex VISION HiDep 70 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9M-H8 | Fabdual T9M | USA | Ar + 20% to 25%CO2 | 1.2 | 2.4 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9M-H8 | Corex VISION AP70 | USA | Linde Mison 8C | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9M-H8 | Corex VISION AP70 | USA | Argoshield GP | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | E492T-9M-H8 | Corex VISION AP70 | USA | Argoshield Pro | 1.2 | 1.6 | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | F43P6-EC1 | Metalloy EM13KS | USA | HN-590 (made in Taiwan) | | Unli | W48-06 |
| Hobart Brothers Co., Tubular Wire Bu | F43P7-EC1 | Metalloy EM13KS | USA | HN-511 (made in Taiwan) | | Unli | W48-06 |
| Hobart Brothers Company, SEBU | E308L-16 | McKay Sterling AP 308/308L-16 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E309L-16 | McKay Sterling AP 309/309L-16 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E316L-16 | McKay Sterling AP 316/316L-16 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4310 | Radnor 6010 | USA | N/A | | 4.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4310 | Pipemaster Pro-60 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4311 | Hobart 335A | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4311 | Cor-Arc 6011 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4311 | Radnor 6011 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4313 | Hobart 447C | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4914 | Hobart 14A | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4914 | Cor-Arc 7014 | USA | N/A | | 5.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4918-1-H4 | Hobart 418 | USA | N/A | | 6.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4918-1-H4 | Radnor 7018 | USA | N/A | | 6.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4918-1-H4 | McKay 7018XLM | USA | N/A | | 6.0 | W48-06 |
| Hobart Brothers Company, SEBU | E4924-1 | Hobart 24 | USA | N/A | | 5.0 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|------------------------------|-----------------------|----------------------|--------------------|------|------|----------|
| Hobart Brothers Company, SWBU | B-G 49A 2 C G3 (ER49S-3) | QCL-3 {ncu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Company, SWBU | B-G 49A 2 C G3 (ER49S-3) | Quantum Arc 3 {cu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Company, SWBU | B-G 49A 3 C G6 (ER49S-6) | QCL-6 {ncu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Company, SWBU | B-G 49A 3 C G6 (ER49S-6) | Quantum Arc 6 {cu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Company, SWBU | B-G 55A 3 C G4M31 (ER80S-D2) | QCL-D2 | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers Company, SWBU | B-G 55A 3 C G4M31 (ER80S-D2) | Quantum Arc D2 {cu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Hobart Brothers of Canada, An ITW Ca | E491T-9-H8 | FabCo XL-71 | Canada | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hobart Brothers of Canada, An ITW Ca | E491T-9M-H8 | FabCo XL-71 | Canada | Ar + 8%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co. Ltd. | B-G 49A 3 C G6 (ER49S-6) | SM-70 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Hyundai Welding Co. Ltd. | E4310 | S-6010.D | China | 100%CO2 | | 5.0 | W48-06 |
| Hyundai Welding Co. Ltd. | E4311 | S-6011.D | China | 100%CO2 | | 5.0 | W48-06 |
| Hyundai Welding Co. Ltd. | E4918 | S-7018.G | China | 100%CO2 | | 5.0 | W48-06 |
| Hyundai Welding Co. Ltd. | E491T-1-H8 | SF-71 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co. Ltd. | E491T-12-H8 | SF-71MC | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co. Ltd. | E491T-12M-H8 | SF-71MC | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co. Ltd. | E491T-9M-H8 | Supercored 71MAG | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co. Ltd. | E4924 | S-7024.F | China | 100%CO2 | | 5.0 | W48-06 |
| Hyundai Welding Co. Ltd. | F49A5-EM12K | M-12K | China | S-717 | | | W48-06 |
| Hyundai Welding Co. Ltd. | F49A6-EM12K | M-12K | China | Superflux 800T | | | W48-06 |
| Hyundai Welding Co. Ltd. | F49P5-EM12K | M-12K | China | S-717 | | | W48-06 |
| Hyundai Welding Co. Ltd. | F49P6-EM12K | M-12K | China | Superflux 800T | | | W48-06 |
| Hyundai Welding Co., Ltd. | B-G 49A 3 C G6 (ER49S-6) | SM-70 {cu} | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Hyundai Welding Co., Ltd. | E308L-16 | S-308L.16N | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E309L-16 | S-309L.16 | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E316L-16 | S-316L.16N | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E4310 | S-6010.D | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E4313 | S-6013.V | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E4313 | S-6013.LF | Korea | | | Unli | W48-06 |
| Hyundai Welding Co., Ltd. | E4916 | S-7016.H | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E4918 | S-7018.GH | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E4918-1 | S-7018.1H | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E491C-3-H4 | SC-70T Cored | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491C-6M-H8 | SC-70T Cored | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491C-6MJ | SC-70ML | Korea | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491C-6MJ-H4 | SC-70ML | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-1-H8 | SF-71 | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-1-H8 | Supercored 71 | Korea | 100%CO2 | | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-1-H8 | SF-71 | Vietnam | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-12-H8 | SF-71MC | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-12J-H4 | SC-71SR | Korea | 100%CO2 | | 1.4 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-12M-H8 | SF-71MC | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-12MJ-H8 | SF-71MSR | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.4 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-9J-H8 | Supercored 71H | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-9M-H4 | SC-71LHM Cored | Korea | Ar + 20% to 25%CO2 | | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E491T-9M-H8 | Supercored 71MAG | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E4924 | S-7024.F | Korea | | | 5.0 | W48-06 |
| Hyundai Welding Co., Ltd. | E492C-6M | Supercored 70NS | Korea | Ar + 5%CO2 | 0.9 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|--------------------------|----------------------|-----------------------|------|------|-------------|
| Hyundai Welding Co., Ltd. | E492C-6M-H4 | Supercored 70NS | Korea | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E492T-1-H8 | SF-70MX | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Hyundai Welding Co., Ltd. | E492T-9-H8 | SC-70H Cored | Korea | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Hyundai Welding Co., Ltd. | F49A5-EM12K | M-12K | Korea | S-717 (made in Korea) | | | Unli W48-06 |
| Hyundai Welding Co., Ltd. | F49A6-EM12K | M-12K | Korea | S-800WT | | | Unli W48-06 |
| Hyundai Welding Co., Ltd. | F49P5-EM12K | M-12K | Korea | S-717 (made in Korea) | | | Unli W48-06 |
| Hyundai Welding Co., Ltd. | F49P6-EM12K | M-12K | Korea | S-800WT | | | Unli W48-06 |
| Hyundai Welding Vina Co., Ltd. | E491T-1-H8 | SF-71 | Vietnam | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Independent Welding Distributors Coo | B-G 49A 3 C G6 (ER49S-6) | Weldmark 70S-6 Plus {cu} | Mexico | 100%CO2 | 0.6 | Unli | W48-06 |
| Independent Welding Distributors Coo | B-G 49A 3 C G6 (ER49S-6) | Weldmark 70S-6 Plus {cu} | USA | 100%CO2 | 0.6 | Unli | W48-06 |
| Indura S. A. | B-G 49A 2 C G3 (ER49S-3) | Indura 70S-3 {cu} | Chile | 100%CO2 | 0.8 | Unli | W48-06 |
| Indura S. A. | B-G 49A 3 C G6 (ER49S-6) | Indura 70S-6 {cu} | Chile | 100%CO2 | 0.8 | Unli | W48-06 |
| Indura S.A. | B-G 49A 3 C G6 (ER49S-6) | Fidentia Welding ER70S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Inweld Canada | E308L-16 | Habco 308L-16 | USA | N/A | | 4.0 | W48-06 |
| Inweld Canada | E309L-16 | Habco 309L-16 | USA | N/A | | 4.0 | W48-06 |
| Inweld Canada | E316L-16 | Habco 316L-16 | USA | N/A | | 4.0 | W48-06 |
| Inweld Canada | E4918-1 | Habco Re-Arc 18 | USA | N/A | | 5.0 | W48-06 |
| Italfil S.P.A. | B-G 49A 2 C G3 (ER49S-3) | IT-SG1 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| Italfil S.P.A. | B-G 49A 3 C G6 (ER49S-6) | IT-SG2 {cu} | Italy | 100%CO2 | 0.8 | Unli | W48-06 |
| Jinzhou Jintai Welding & Metal Co., | B-G 49A 2 C G3 (ER49S-3) | ER70S-3 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Jinzhou Jintai Welding & Metal Co., | B-G 49A 3 C G6 (ER49S-6) | ER70S-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Jinzhou Jintai Welding & Metal Co., | E4915 | JL-507 | China | N/A | | 5.0 | W48-06 |
| Jinzhou Jintai Welding & Metal Co., | F49A4-EH14 | JW-1 {cu} | China | JF-B (Made in China) | | | Unli W48-06 |
| Kiswel Inc. | E491T-1M | K-71TM | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Kiswel Inc. | E491T-9M | K-71T Plus | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Kiswel Inc. | E492C-6M-H8 | KX-706M | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Kiswel Inc. | E492T-9-H8 | K-70ST | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Kiswel Inc. | E492T-9M | K-70ST | USA | Ar + 20% to 25%CO2 | 1.6 | 2.4 | W48-06 |
| Kiswel Ltd. | B-G 49A 3 C G6 (ER49S-6) | KC-28 | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Kiswel Ltd. | E4918 | K-7018 | Korea | N/A | | 5.0 | W48-06 |
| Kiswel Ltd. | E491T-1-H8 | K-71TLF | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Kiswel Ltd. | E491T-1M-H8 | K-71TLF | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Kiswel Ltd. | E491T-9-H8 | K-71T | Korea | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kiswel Ltd. | E491T-9M-H8 | K-71T | Korea | Ar + 10%CO2 | 1.1 | 1.6 | W48-06 |
| Kiswel Ltd. | E491T-GS | K-NGS | Korea | N/A | 0.8 | 2.4 | W48-06 |
| Kiswel Ltd. | E492C-6M-H8 | KX-706M | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kiswel Ltd. | E5518-C3 | K-8018C3 | Korea | N/A | | 5.0 | W48-06 |
| Kobe Steel, Ltd. | E491T-12MJ-H8 | DW-A55ESR | Japan | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E491T-9-H8 | FRONTIARC-711 | Japan | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E491T-9-H8 | DW-50 | Japan | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E491T-9-H8 | FRONTIARC-711 | Japan | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E491T-9M-H8 | FRONTIARC-711 | Japan | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E491T-9M-H8 | DW-50 | Japan | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E491T-9M-H8 | FRONTIARC-711 | Japan | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E492C-6M-H4 | MX-A70C6 | Japan | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E492C-6M-H4 | MX-A70C6 | Japan | Ar + 5%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Steel, Ltd. | E492C-6M-H4 | MX-A70C6LF | Japan | Ar + 5%CO2 | 1.1 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|--------------------------|----------------------|----------------------|------|------|----------|
| Kobe Steel, Ltd. | E492C-6M-H4 | MX-A70C6LF | Japan | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Welding of Korea Co., Ltd. | E491T-9-H8 | FRONTIARC-711 | Korea | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Welding of Korea Co., Ltd. | E491T-9M-H8 | FRONTIARC-711 | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Welding of Qingdao Co., Ltd. | E491T-9-H8 | FRONTIARC-711 | China | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kobe Welding of Qingdao Co., Ltd. | E491T-9M-H8 | FRONTIARC-711 | China | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kobelco Welding of Europe B.V. | E491T-9-H8 | DW-50 | Netherlands | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Kobelco Welding of Europe B.V. | E491T-9M-H8 | DW-50 | Netherlands | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Kuang Tai Metal Ind. Co. Ltd. | E491T-1 | KFX-71T | Taiwan | 100%CO2 | 1.2 | 1.2 | W48-06 |
| Lafili s.r.l. | B-G 49A 3 C G6 (ER49S-6) | LA/S6N {cu} | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric (UK) Limited | B-G 49A 3 C G6 (ER49S-6) | SupraMIG Ultra | United Kingdom | 100%CO2 | 1.0 | Unli | W48-06 |
| Lincoln Electric Company | E308L-16 | Murex 308L-16 | Mexico | N/A | | 4.0 | W48-06 |
| Lincoln Electric Company | E309L-16 | Murex 309L-16 | Mexico | N/A | | 4.0 | W48-06 |
| Lincoln Electric Company | E316L-16 | Murex 316L-16 | Mexico | N/A | | 4.0 | W48-06 |
| Lincoln Electric Italia S.r.l. a soc | B-G 49A 3 C G6 (ER49S-6) | UltraMag | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric Manufactura S.A. DE | B-G 49A 2 C G3 (ER49S-3) | Lincoln L-S3 {cu} | Mexico | 100%CO2 | 0.8 | Unli | W48-06 |
| Lincoln Electric Manufactura S.A. DE | B-G 49A 2 C G3 (ER49S-3) | L-50 {cu} | Mexico | 100%CO2 | 0.8 | Unli | W48-06 |
| Lincoln Electric Manufactura S.A. DE | B-G 49A 3 C G6 (ER49S-6) | Lincoln L-S6 {cu} | Mexico | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric Manufactura S.A. DE | B-G 49A 3 C G6 (ER49S-6) | Lincoln L-56 {cu} | Mexico | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 2 C G3 (ER49S-3) | Superarc L-50 {cu} | USA | 100%CO2 | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 2 C G3 (ER49S-3) | Superglide S3 {ncu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 2 C G3 (ER49S-3) | Superarc L-58 | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 2 C G3 (ER49S-3) | Superarc L-58 | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G2 (ER49S-2) | Superarc L-52 {cu} | USA | 100%CO2 | | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G2 (ER49S-2) | Lincoln ER70S-02 {cu} | USA | 100%CO2 | | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G4 (ER49S-4) | Superarc L-54 {cu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | USA | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Arcweld Easyarc 706 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Arcweld Easyarc 706 {cu} | Canada | TIME | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Mig Mix Gold Hi-Dep | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | S-6 Ecowire Spool {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superglide S6 {ncu} | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Lincoln S-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Arcweld Easyarc 706 {cu} | Canada | Argoshield Pro | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Argoshield Pro | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Lincoln ER70S-6 {cu} | USA | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Prostar S-6 {cu} | USA | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Argoshield Universal | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Argoshield GP | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Murex S-6 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Murex S-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Murex S-6 | USA | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | USA | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Linde Mison 25C | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | USA | Linde Mison 25C | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | S-6 Mig | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Linde Mison 8C | 0.8 | Unli | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|--------------------------|--------------------------|----------------------|----------------------|------|------|----------|
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | 100%CO2 | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Argoshield Light | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Argoshield 8C | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-56 {cu} | Canada | Argoshield 25C | 0.6 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Argoshield Light | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Argoshield 8C | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Argoshield 25C | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Argoshield Universal | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Argoshield Pro | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A 3 C G6 (ER49S-6) | Superarc L-59 | Canada | Argoshield GP | 0.8 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A3 C G3 (ER49S-3) | Superarc L-50 {cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A3 C G3 (ER49S-3) | Arcweld Easyarc 703 {cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 49A3 C G3 (ER49S-3) | Murex S-3 | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Lincoln Electric of Canada LP | B-G 55A 3 C G4M31 | Superarc LA-90 | Canada | 100%CO2 | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E308-16 | Red Baron 308/308H MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308-16 | Excalibur 308/308H-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308-17 | Blue Max 308/308L AC-DC | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308-17 | Excalibur 308/308L-17 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308H-16 | Red Baron 308/308H MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308H-16 | Excalibur 308/308H-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308L-16 | Red Baron 308L MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308L-16 | Excalibur 308L-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308L-17 | Blue Max 308/308L AC-DC | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E308L-17 | Excalibur 308/308L-17 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309-16 | Red Baron 309/309L MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309-16 | Excalibur 309/309L-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309-17 | Blue Max 309/309L AC-DC | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309-17 | Excalibur 309/309L-17 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309L-16 | Red Baron 309/309L MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309L-16 | Excalibur 309/309L-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309L-17 | Blue Max 309/309L AC-DC | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E309L-17 | Excalibur 309/309L-17 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E310-16 | Red Baron 310 MR | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E316-15 | Red Baron 316/316L-V MR | USA | N/A | | 3.2 | W48-06 |
| Lincoln Electric of Canada LP | E316-15 | Excalibur 316/316L-15 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316-16 | Red Baron 316/316L MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316-16 | Excalibur 316/316L-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316-17 | Blue Max 316/316L AC-DC | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316-17 | Excalibur 316/316L-17 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316L-15 | Red Baron 316/316L-V MR | USA | N/A | | 3.2 | W48-06 |
| Lincoln Electric of Canada LP | E316L-15 | Excalibur 316/316L-15 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316L-16 | Red Baron 316/316L MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316L-16 | Excalibur 316/316L-16 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316L-17 | Blue Max 316/316L AC-DC | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E316L-17 | Excalibur 316/316L-17 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E4310 | Pipeliner 6P+ | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E4310 | Fleetweld 5P | USA | N/A | | Unli | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|----------------|------------------------|----------------------|--------------------|------|------|-------------|
| Lincoln Electric of Canada LP | E4310 | Arcweld Easyarc 10 | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4310 | Fleetweld 5P+ | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4310 | Fleetweld 5P-RSP | Mexico | | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4311 | Fleetweld 35LS | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4311 | Fleetweld 180 | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4311 | Fleetweld 35+ | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4311 | Arcweld 230 | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4311 | Fleetweld 180-RSP | Mexico | | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4313 | Fleetweld 37+ | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4313 | Arcweld Satinarc | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4313 | Fleetweld 37 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E4313 | Fleetweld 37-RSP | Mexico | | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4327 | Jetweld 2 | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4910-A1 | Shield-Arc 85 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E4910-P1 | Shield-Arc HYP+ | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4914 | Fleetweld 47 | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4914 | Arcweld Easyarc 14 | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4914 | Fleetweld 47-RSP | Mexico | | 3.2 | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4916-H4 | Pipeliner 16P | USA | | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4918 | Excalibur 7018 MR | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E4918-1 | Arcweld Easyarc 528 MR | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4918-1 | Jetweld LH-70 | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4918-1 | Jetweld LH-78 MR | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4918-1 | Formula 1 LH | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4918-1 | Arcweld EasyArc 328 MR | USA | N/A | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E4918-1 | Excalibur 7018-1 MR | USA | N/A | | 6.0 | W48-06 |
| Lincoln Electric of Canada LP | E4918-A1 | Excalibur 7018-A1 MR | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4918-H8 | Lincoln 7018 AC | USA | N/A | | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E4918-H8 | Lincoln 7018AC-RSP | Mexico | | 3.2 | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6M-H8 | Metalshield MC-710XL | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6M-H8 | Metalshield MC-710XL | USA | Ar + 8%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Ar + 5%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Argoshield Pro | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Ar + 5%O2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Linde Mison 25C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Linde Mison 8C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491C-6MJ-H4 | Metalshield MC-6 | Canada | Linde Mison 15C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-11-H16 | Innershield NR-211-MP | USA | N/A | 0.8 | 2.4 | W48-06 |
| Lincoln Electric of Canada LP | E491T-11-H16 | Innershield NR-211-MP | USA | N/A | 0.8 | 0.9 | W48-06 |
| Lincoln Electric of Canada LP | E491T-12J-H8 | UltraCore 712C | USA | 100%CO2 | | | Unli W48-06 |
| Lincoln Electric of Canada LP | E491T-12MJ-H4 | UltraCore 712A80-H | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-12MJ-H8 | UltraCore 712A80 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-8-H16 | Innershield NR-232 | USA | N/A | 1.7 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E491T-8-H16 | Innershield NR-203MP | USA | N/A | 1.7 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9-H16 | Outershield 71M | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9-H4 | Outershield 71 Supreme | Canada | 100%CO2 | 1.1 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|--------------------------|-------------------------|----------------------|-------------------------------|------|------|----------|
| Lincoln Electric of Canada LP | E491T-9-H8 | Outershield 71 Elite | Canada | 100%CO2 | 1.1 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9-H8 | Alcan E491T-1 | Canada | 100%CO2 | 2.0 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9-H8 | UltraCore 71C | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9-H8 | UltraCore 71A75 Dual | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9-H8 | UltraCore HD-C | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9J-H8 | UltraCore 712C | USA | 100%CO2 | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H16 | Outershield 71M | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H16 | Outershield 71M | USA | All-core | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H4 | Outershield 71 Supreme | Canada | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | Outershield 71 Elite | Canada | Ar + 15%CO2 | 1.1 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | UltraCore 71A85 | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | UltraCore 71A85 | USA | Ar + 15%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | Alcan E491T-1 | Canada | Ar + 15%CO2 | 2.0 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | UltraCore 71A75 Dual | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | Outershield 71 Elite | Canada | Linde Mison 25C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | UltraCore 71A85 | USA | Linde Mison 25C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | UltraCore 71A75 Dual | USA | Linde Mison 25C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9M-H8 | UltraCore 71A85 | USA | Linde Mison 15C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9MJ-H4 | UltraCore 712A80-H | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E491T-9MJ-H8 | UltraCore 712A80 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E4924-1 | Jetweld 1 | USA | N/A | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E4924-1 | Arcweld Easyarc 12 | USA | N/A | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E4928-H8 | Excalibur 7028 | USA | N/A | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E492C-6M-H4 | Lincoln E492C-6M | Canada | Ar + 15%CO2 | 2.0 | 2.0 | W48-06 |
| Lincoln Electric of Canada LP | E492C-6MJ-H4 | Metalshield MC-706 | Canada | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E492C-6MJ-H4 | Metalshield MC-706 | Canada | Ar + 8%CO2 | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E492C-6MJ-H4 | Metalshield MC-706 | Canada | Linde Mison 8C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E492C-6MJ-H4 | Metalshield MC-706 | Canada | Linde Mison 15C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E492C-6MJ-H4 | Metalshield MC-706 | Canada | Linde Mison 25C | 1.1 | 1.6 | W48-06 |
| Lincoln Electric of Canada LP | E492T-4-H16 | Innershield NS-3M | USA | N/A | 2.0 | 3.0 | W48-06 |
| Lincoln Electric of Canada LP | E492T-5J-H4 | UltraCore 75C | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Lincoln Electric of Canada LP | E492T-7 | Innershield NR-311 | USA | None | 2.0 | 2.8 | W48-06 |
| Lincoln Electric of Canada LP | E492T-9-H16 | Outershield 70 | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Lincoln Electric of Canada LP | E492T-9-H8 | UltraCore 70C | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Lincoln Electric of Canada LP | E492T-G-H16 | Innershield NR-FAB-70 | USA | None | 2.4 | 2.4 | W48-06 |
| Lincoln Electric of Canada LP | E5510-G | Shield-Arc 70+ | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E5510-G | Shield-Arc 80 | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E5510-P1 | Pipeliner 8P+ | USA | N/A | | 5.0 | W48-06 |
| Lincoln Electric of Canada LP | E5518-B2 (E8018-B2) | Excalibur 8018-B2 MR | USA | N/A | 2.4 | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E5518-B2 (E8018-B2-H4R) | Excalibur 8018-B2 XF MR | USA | N/A | 2.4 | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E5518-C1 | Excalibur E8018-C1 MR | USA | N/A | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E5518-C3 | Excalibur 8018-C3 MR | USA | N/A | | Unli | W48-06 |
| Lincoln Electric of Canada LP | E6218-B3 (E9018-B3) | Excalibur 9018-B3 MR | USA | N/A | 2.4 | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | E6918-D2 (E10018-D2-H4R) | Excalibur 10018-D2 MR | USA | N/A | 2.4 | 4.0 | W48-06 |
| Lincoln Electric of Canada LP | F43A3-EL12 | Lincolnweld L-60 {cu} | Canada | Lincolnweld 760 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A2-EL12 | Lincolnweld L-60 {cu} | Canada | Lincolnweld 780 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A2-EL12 | Lincolnweld L-60 {cu} | USA | Lincolnweld 780 (made in USA) | | Unli | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|-------------------------------|--------------------------|-----------------------------------|----------------------|--------------------------------|------|------|----------|
| Lincoln Electric of Canada LP | F49A2-EM12K | Lincolnweld L-61 {cu} | USA | Lincolnweld 781 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A2-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 781 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A2-EM13K | Lincolnweld L-50 {cu} | USA | Lincolnweld 781 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EC1 | Lincolnweld LC-72 {cu} | USA | Lincolnweld 980 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EL12 | Lincolnweld L-60 {cu} | Canada | Lincolnweld 761 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 761 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 780 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 760 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | USA | Lincolnweld 960 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 960 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | USA | Lincolnweld 780 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | USA | Lincolnweld 980 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 980 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM12K-H8 | Lincolnweld L-61 {cu} | USA | Lincolnweld 761 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A3-EM13K | Lincolnweld L-50 {cu} | USA | Lincolnweld 980 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A4-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 860 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A5-EM13K | Lincolnweld L-50 {cu} | Canada | Lincolnweld 880M (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A6-EH11K-H8 | Lincolnweld L-56 {cu} | Canada | Lincolnweld 880M (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A6-EH12K-H8 | Lincolnweld L-S3 | USA | Lincolnweld P223 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A6-EM12K | Lincolnweld L-61 {cu} | Canada | Lincolnweld 882 (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A6-EM12K-H8 | Lincolnweld L-61 {cu} | USA | Lincolnweld WTX (made in USA) | | Unli | W48-06 |
| Lincoln Electric of Canada LP | F49A6-EM12K-H8 | Lincolnweld L-61 {cu} | Canada | Lincolnweld WTX (made in USA) | | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Weldco S-6 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Maxx S6 {cu} | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Maxx S6 (Non Copper Coated) {ncu} | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Weldco S-6 {cu} | Canada | Coogar | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Weldco S-6 {cu} | Canada | Argoshield Pro | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | TIME | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Maxx S6 {cu} | Italy | Argoshield Pro | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | Argoshield Pro | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | Argoshield Universal | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc LS-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc CS-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Argoshield Pro | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Linde Mison 25C | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Argoshield GP | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Argoshield Universal | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Argoshield Light | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | Argoshield Light | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Argoshield 8C | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | Argoshield 8C | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Linde S-6 {cu} | Canada | Argoshield 25C | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | Argoshield 25C | 0.6 | Unli | W48-06 |
| Linde Canada Limited | B-G 49A 3 C G6 (ER49S-6) | Solidarc 115 {cu} | Canada | Argoshield GP | 0.6 | Unli | W48-06 |
| Linde Canada Limited | E4310 | Linde E6010-IP | USA | N/A | | Unli | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|------------------------------|--------------------------|-----------------------------------|----------------------|--------------------|------|------|-------------|
| Linde Canada Limited | E4311 | Linde E6011 | USA | N/A | | | Unli W48-06 |
| Linde Canada Limited | E4313 | Linde E6013-V | USA | N/A | | 4.0 | W48-06 |
| Linde Canada Limited | E4914 | Linde E7014-IP | USA | N/A | | | Unli W48-06 |
| Linde Canada Limited | E4918-1 | Linde E7018-1 Max | USA | N/A | | 6.0 | W48-06 |
| Linde Canada Limited | E4918-1 | Linde E7018-1 MR Performance Plus | USA | N/A | | | Unli W48-06 |
| Linde Canada Limited | E4918-H8 | Linde E7018 AC | USA | N/A | | 4.0 | W48-06 |
| Linde Canada Limited | E4918-H8 | Linde Extra | USA | N/A | | 4.0 | W48-06 |
| Linde Canada Limited | E4924-1 | Linde E7024-IP | USA | N/A | | | Unli W48-06 |
| MAP Canada Ltd. | B-G 49A 3 C G6 (ER49S-6) | Super Mig 70 {cu} | Italy | 100%CO2 | 0.6 | | Unli W48-06 |
| Map Canada Ltd. | B-G 49A 2 C G3 (ER49S-3) | Super MIG 73 | China | 100%CO2 | 0.8 | | Unli W48-06 |
| Map Canada Ltd. | B-G 49A 3 C G6 (ER49S-6) | Super Mig 70 {cu} | Korea | 100%CO2 | 0.9 | | Unli W48-06 |
| Map Canada Ltd. | B-G 49A 3 C G6 (ER49S-6) | Super Mig 70 {cu} | China | 100%CO2 | 0.8 | | Unli W48-06 |
| Map Canada Ltd. | E491T-9-H8 | Super Mig SFC-71 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Map Canada Ltd. | E491T-9M-H8 | Super Mig SFC-70 | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Map Canada Ltd. | E491T-9M-H8 | Super MIG SFC-71 | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Map Canada Ltd. | E492T-9-H8 | Super Mig SFC-70 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Messer - MG Welding Products | E308-16 | Slik-Stik 6308 | USA | N/A | | 4.0 | W48-06 |
| Messer - MG Welding Products | E308L-16 | Slik-Stik 6308L | USA | N/A | | 4.0 | W48-06 |
| Messer - MG Welding Products | E309-16 | Slik-Stik 6309 | USA | N/A | | 4.0 | W48-06 |
| Messer - MG Welding Products | E309L-16 | Slik-Stik 6309L | USA | N/A | | 4.0 | W48-06 |
| Messer - MG Welding Products | E316-16 | Slik-Stik 6316 | USA | N/A | | 4.0 | W48-06 |
| Messer - MG Welding Products | E316L-16 | Slik-Stik 6316L | USA | N/A | | 4.0 | W48-06 |
| Messer - MG Welding Products | E4918-1 | MG 7018-1 | USA | N/A | | 5.0 | W48-06 |
| Michigan Arc Products Inc. | E491C-6-H8 | Map 70C-6M | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Michigan Arc Products Inc. | E491C-6M-H8 | Map 70C-6M | USA | Ar + 5%CO2 | 0.9 | 1.6 | W48-06 |
| Michigan Arc Products Inc. | E491T-9-H4 | MAP 71T1LF | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Michigan Arc Products Inc. | E491T-9M-H4 | MAP 71T1LF | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| National Standard | E491T-12-H4 | Tru-Core FC 71-TM | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| National Standard | E491T-9-H8 | Tru-Cor FC 71T | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| National Standard | E491T-9M-H8 | Tru-Cor FC 71T | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| National Standard | E492C-6M-H4 | Tru-Core MC 70C | USA | Ar + 5%CO2 | 1.2 | 2.4 | W48-06 |
| National Standard | E492C-6M-H4 | Tru-Core MC 70C | USA | Ar + 20% to 25%CO2 | 1.2 | 2.4 | W48-06 |
| National Standard | E492T-9-H8 | Tru-Cor FC 70T | USA | 100%CO2 | 1.6 | 2.4 | W48-06 |
| National Standard LLC | B-G 49A 2 C G3 (ER49S-3) | NS-101 {cu} | USA | 100%CO2 | 1.2 | | Unli W48-06 |
| National Standard LLC | B-G 49A 2 C G3 (ER49S-3) | NS-101CF {ncu} | USA | 100%CO2 | 1.2 | | Unli W48-06 |
| National Standard LLC | B-G 49A 2 C G3 (ER49S-3) | Std Arc S-3 | USA | 100%CO2 | 1.2 | | Unli W48-06 |
| National Standard LLC | B-G 49A 2 C G3 (ER49S-3) | P3 S-3 | USA | 100%CO2 | 1.2 | | Unli W48-06 |
| National Standard LLC | B-G 49A 2 C G3 (ER49S-3) | NS-101 {cu} | USA | 100%CO2 | 1.2 | | Unli W48-06 |
| National Standard LLC | B-G 49A 2 C G3 (ER49S-3) | NS-101CF {ncu} | USA | 100%CO2 | 1.2 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | NS-115CF {ncu} | USA | 100%CO2 | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | NS-115 {cu} | USA | 100%CO2 | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | NS-115CF {ncu} | USA | TIME | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | NS-115 {cu} | USA | Argoshield Pro | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | Std Arc S-6 | USA | 100%CO2 | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | P3 S-6 | USA | 100%CO2 | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | NS-115 {cu} | USA | Argoshield Pro | 0.6 | | Unli W48-06 |
| National Standard LLC | B-G 49A 3 C G6 (ER49S-6) | NS-115 {cu} | USA | 100%CO2 | 0.6 | | Unli W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|------------------------------|-------------------------------------|----------------------|----------------------|------|------|----------|
| Nippon Steel & Sumikin Welding Co., | E491T-1M-H4 | Nittetsu SF-1A | Japan | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Nippon Steel & Sumikin Welding Co., | E491T-9MJ-H4 | Nittetsu SF-3A | Japan | Ar + 20% to 25%CO2 | 1.2 | 1.4 | W48-06 |
| Nucor Building Systems Group | F49A2-EM13K | Lincolnweld L-50 | Ohio | Recycled F49A2 (761) | 4.0 | Unli | W48-06 |
| ORS Nasco, Inc. | B-G 49A 5 C G6 (ER49S-6) | Anchor Brand (ER49S-6) | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Oerlikon Kaynak Elektrodleri ve San. | B-G 49A 2 C G3 (ER49S-3) | MG 102 | Turkey | 100%CO2 | 0.8 | Unli | W48-06 |
| Oerlikon Kaynak Elektrodleri ve San. | E4310 | ESC 60 | Turkey | N/A | | 5.0 | W48-06 |
| Oerlikon Kaynak Elektrodleri ve San. | E4311 | ESC 61 | Turkey | N/A | | 5.0 | W48-06 |
| Oerlikon Kaynak Elektrodleri ve San. | E4313 | ESR 13 | Turkey | N/A | | 5.0 | W48-06 |
| Oerlikon Kaynak Elektrodleri ve San. | E4918-1-H8 | ESB 52 (2 hours baking at min 300°C | Turkey | N/A | | 5.0 | W48-06 |
| Oerlikon Kaynak Elektrodleri ve San. | E4918-H8 | ESB 48 (2 hours baking at min. 300 | Turkey | N/A | | 5.0 | W48-06 |
| Oxford Alloys, Inc. | B-G 49A 2 C G3 (ER49S-3) | Oxford Alloys ER70S-3 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Oxford Alloys, Inc. | B-G 49A 3 C G6 (ER49S-6) | Oxford Alloys ER70S-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Praxair Canada Inc. | B-G 49A 2 C G3 (ER49S-3) | Prostar S-3 {cu} | Italy | 100%CO2 | 0.9 | Unli | W48-06 |
| Praxair Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | Praxair S-6 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Praxair Canada Inc. | B-G 49A 3 C G6 (ER49S-6) | Praxair S-6 EnvirosPOOL {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Praxair Canada Inc. | B-G 49A 5 C G6 (ER49S-6) | Prostar ER70S-6 | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Praxair Canada Inc. | B-G 49A 5 C G6 (ER49S-6) | Prostar ER70S-6 | Italy | TIME | 0.6 | Unli | W48-06 |
| Praxair Canada Inc. | B-G 55A 5 M G4M31 (ER80S-D2) | Prostar D2 | Italy | Ar + 15%CO2 | 0.9 | Unli | W48-06 |
| Praxair Canada Inc. | E308L-16 | PRSP308L-16 | Sweden | N/A | | 5.0 | W48-06 |
| Praxair Canada Inc. | E308L-17 | PRSP308L-17 | Sweden | N/A | | 4.0 | W48-06 |
| Praxair Canada Inc. | E309L-16 | PRSP309L-16 | Sweden | N/A | | 5.0 | W48-06 |
| Praxair Canada Inc. | E309L-17 | PRSP309L-17 | Sweden | N/A | | 5.0 | W48-06 |
| Praxair Canada Inc. | E316L-16 | PRSP316L-16 | Sweden | N/A | | 5.0 | W48-06 |
| Praxair Canada Inc. | E316L-17 | PRSP316L-17 | Sweden | N/A | | 5.0 | W48-06 |
| Praxair Canada Inc. | E4918-1 | Prostar Select 7018 | Hungary | N/A | | Unli | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Mig Mix Gold | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar Starcore 6LF | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar Starcore 6LF | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Ar + 20% to 25%CO2 | 0.9 | 0.9 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Ar + 5%CO2 | 0.9 | 0.9 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Mig Mix Gold | 0.9 | 0.9 | W48-06 |
| Praxair Canada Inc. | E491C-6M-H4 | Prostar StarCore 6 | USA | Ar + 5%O2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491C-6MJ-H4 | Prostar Starcore 6LS | USA | Ar + 5%CO2 | 1.2 | 1.2 | W48-06 |
| Praxair Canada Inc. | E491C-6MJ-H4 | Prostar Starcore 6LS | USA | Ar + 20% to 25%CO2 | 1.2 | 1.2 | W48-06 |
| Praxair Canada Inc. | E491T-12J-H8 | Prostar FC-71C | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-12J-H8 | Prostar FC-71C | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-12MJ-H4 | Prostar FC-71 Supreme | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-12MJ-H4 | Prostar FC-71 Supreme | USA | Ar + 15%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-12MJ-H8 | Prostar FC-71 Supreme | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-12MJ-H8 | Prostar FC-71 Supreme | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-9-H8 | Prostar FC-71LF | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-9-H8 | Prostar FC-71LF | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-9M-H8 | Prostar FC-71LF | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E491T-9M-H8 | Prostar FC-71LF | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Praxair Canada Inc. | E492C-6MJ-H4 | Prostar Starcore 6LS | USA | Ar + 5%CO2 | 1.4 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|-------------------------------------|----------------------|--------------------|------|------|----------|
| Praxair Canada Inc. | E492C-6MJ-H4 | Prostar Starcore 6LS | USA | Ar + 20% to 25%CO2 | 1.4 | 1.6 | W48-06 |
| Praxair Canada Inc. | E492T-9-H8 | Prostar FC-70 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Praxair Canada Inc. | E492T-9-H8 | Prostar FC-70LF | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Praxair Canada Inc. | E492T-9M-H8 | Prostar FC-70 | USA | Ar + 20% to 25%CO2 | 1.2 | 2.4 | W48-06 |
| Praxair Mexico, S. De R.L. De C.V. | B-G 49A 3 C G6 (ER49S-6) | Microalambre Solido Prostar | Mexico | 100%CO2 | 0.6 | Unli | W48-06 |
| RevWires, LLC | E491T-9-H4 | Tru-Core FC 71T-CG | USA | 100%CO2 | 1.2 | Unli | W48-06 |
| RevWires, LLC | E491T-9M-H4 | Tru-Core FC 71T AG | USA | Ar + 25%CO2 | 1.2 | Unli | W48-06 |
| SCN Industrial | B-G 49A 3 C G6 (ER49S-6) | Weld-Mate 70S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| SCN Industrial | E491T-9-H8 | Weld-Mate E71T-1-H8 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| SCN Industrial | E491T-9M-H8 | Weld-Mate E71T-1-H8 | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Sandvik Materials Technology | E308L-16 | 308/308L-16 | Sweden | N/A | | 5.0 | W48-06 |
| Sandvik Materials Technology | E308L-17 | 308/308L-17 | Sweden | N/A | | 4.0 | W48-06 |
| Sandvik Materials Technology | E309L-16 | 309/309L-16 | Sweden | N/A | | 5.0 | W48-06 |
| Sandvik Materials Technology | E309L-17 | 309/309L-17 | Sweden | N/A | | 5.0 | W48-06 |
| Sandvik Materials Technology | E316L-16 | 316/316L-16 | Sweden | N/A | | 5.0 | W48-06 |
| Sandvik Materials Technology | E316L-17 | 316/316L-17 | Sweden | N/A | | 5.0 | W48-06 |
| Select-Arc Inc. | E491C-6-H4 | Select 70C-6 | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6-H4 | Select 70C-7 | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6-H4 | Select 70C-6LS | USA | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6-H4 | Select 70C-T | USA | 100%CO2 | 0.9 | 2.4 | W48-06 |
| Select-Arc Inc. | E491C-6M-H4 | Select 70C-6 | USA | Ar + 5%CO2 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6M-H4 | Select 70C-7 | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6M-H4 | Select 70C-6LS | USA | Ar + 5%CO2 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6M-H4 | Select 70C-6LS | USA | Arcal 211 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6M-H4 | Select 70C-6LS | USA | Arcal 14 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491C-6M-H4 | Select 70C-T | USA | Ar + 5%CO2 | 0.9 | 2.4 | W48-06 |
| Select-Arc Inc. | E491C-6MJ-H4 | Select 70C-T | USA | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-11-H8 | Select 701 | USA | N/A | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-12J-H4 | Select 720HP | USA | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-12MJ-H4 | Select 720HP | USA | Arcal 211 | 1.1 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-12MJ-H4 | Select 720HP | USA | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9-H4 | Select 720 | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9-H4 | Select 71 Supreme | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9M-H4 | Select 720 | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9M-H4 | Select 71 Supreme | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9M-H4 | Select 720 | USA | Arcal 211 | 0.9 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9M-H8 | Encore | USA | Ar + 25%CO2 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E491T-9M-H8 | Select 720AR | USA | Arcal 211 | 1.2 | 1.6 | W48-06 |
| Select-Arc Inc. | E492T-9-H8 | Select 97 | USA | 100%CO2 | 1.2 | 2.4 | W48-06 |
| Select-Arc Inc. | E492T-9-H8 | Select 71 | USA | 100%CO2 | | Unli | W48-06 |
| Select-Arc Inc. | E492T-9-H8 | Select 70TR | USA | 100%CO2 | | Unli | W48-06 |
| Select-Arc Inc. | E492T-9M-H8 | Select 70TR | USA | Ar + 20% to 25%CO2 | | Unli | W48-06 |
| Shanghai Atlantic Welding Consumabl | E4915-H8 | CHE50 (2 hours baking at min. of 35 | China | N/A | | 5.0 | W48-06 |
| Shanghai Atlantic Welding Consumable | B-G 49A 2 C G3 (ER49S-3) | CHW-50C3 | China | 100%CO2 | | Unli | W48-06 |
| Shanghai Atlantic Welding Consumable | B-G 49A 3 C G6 (ER49S-6) | CHW-50C6SM | China | 100%CO2 | | Unli | W48-06 |
| Shanghai Atlantic Welding Consumable | E4918-1-H8 | CHE58-1 (2 hours baking at min. of | China | N/A | | 5.0 | W48-06 |
| Shanghai Mingyea Enterprises Co., Lt | B-G 49A 3 C G6 (ER49S-6) | Mingyea ER70S-6 | China | 100%CO2 | 0.6 | | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|------------------------------|-----------------------------|----------------------|--------------------|------|------|----------|
| Shanghai Mingyea Enterprises Co., Lt | E491T-9-H8 | Mingyea E71T-1 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Sidergas SPA | B-G 49A 2 C G3 (ER49S-3) | Sidergas S-3 {cu} | Italy | 100%CO2 | 0.9 | Unli | W48-06 |
| Sidergas SPA | B-G 49A 5 C G6 (ER49S-6) | Sidergas S-6 {cu} | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| Sidergas SPA | B-G 55A 5 M G4M31 (ER80S-D2) | Sidergas D2 | Italy | Ar + 15%CO2 | 0.9 | Unli | W48-06 |
| Sodel Limitee | E308-16 | 308-16 | Canada | N/A | | Unli | W48-06 |
| Sodel Limitee | E308L-16 | 308L-16 | Canada | N/A | | Unli | W48-06 |
| Sodel Limitee | E309-16 | 309-16 | Canada | N/A | | Unli | W48-06 |
| Sodel Limitee | E309L-16 | 309L-16 | Canada | N/A | | Unli | W48-06 |
| Sodel Limitee | E316-16 | 316-16 | Canada | N/A | | Unli | W48-06 |
| Sodel Limitee | E316L-16 | 316L-16 | Canada | N/A | | Unli | W48-06 |
| Sodel Limitee | E4918 | Sodel 318 | Canada | N/A | | Unli | W48-06 |
| Sowesco I, LLC | B-G 49A 3 C G6 (ER49S-6) | Pinnacle Alloys Premier S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Sowesco I, LLC | B-G 49A 3 C G6 (ER49S-6) | Pinnacle Alloys Premier S-6 | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Sowesco I, LLC. | B-G 49A 3 C G6 (ER49S-6) | Pinnacle Alloys Premier S-6 | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Sowesco I, LLC. | B-G 49A 3 C G6 (ER49S-6) | Pinnacle Alloys Premier S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Sowesco I, LLC. | B-G 49A 3 C G6 (ER49S-6) | Pinnacle Alloys Premier S-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Sowesco I, LLC. | E491T-1-H8 | Pinnacle Alloys Premier 71 | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Sowesco I, LLC. | E491T-1-H8 | Pinnacle Alloys Premier 71 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Sowesco I, LLC. | E491T-12-H8 | Pinnacle Alloys Premier 712 | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Sowesco I, LLC. | E491T-12M-H8 | Pinnacle Alloys Premier 712 | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Sowesco I, LLC. | E492T-9-H8 | Pinnacle Alloys Premier 70 | Korea | 100%CO2 | 1.6 | 2.4 | W48-06 |
| Starweld 2961 - 2611 Quebec Inc. | E308L-16 | Starweld 308L-16 | France | N/A | | 4.0 | W48-06 |
| Starweld 2961 - 2611 Quebec Inc. | E309L-16 | Starweld 309L-16 | France | N/A | | 4.0 | W48-06 |
| Starweld 2961 - 2611 Quebec Inc. | E316L-16 | Starweld 316L-VD | France | N/A | | 4.0 | W48-06 |
| Starweld 2961 - 2611 Quebec Inc. | E316L-16 | Starweld 316L-16 | France | N/A | | 4.0 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | B-G 49A 3 C G6 (ER49S-6) | SM-70 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E4310 | S-6010.D | China | 100%CO2 | | 5.0 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E4311 | S-6011.D | China | 100%CO2 | | 5.0 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E4918 | S-7018.G | China | 100%CO2 | | 5.0 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E491T-1-H8 | SF-71 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E491T-12-H8 | SF-71MC | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E491T-12M-H8 | SF-71MC | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E491T-9M-H8 | Supercored 71MAG | China | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | E4924 | S-7024.F | China | 100%CO2 | | 5.0 | W48-06 |
| Supertech (Kunshan) Co., Ltd. | F49A5-EM12K | M-12K | China | S-717 | | | W48-06 |
| Supertech (Kunshan) Co., Ltd. | F49A6-EM12K | M-12K | China | Superflux 800T | | | W48-06 |
| Supertech (Kunshan) Co., Ltd. | F49P5-EM12K | M-12K | China | S-717 | | | W48-06 |
| Supertech (Kunshan) Co., Ltd. | F49P6-EM12K | M-12K | China | Superflux 800T | | | W48-06 |
| Techniweld Products Corporation | B-G 49A 3 C G6 (ER49S-6) | Unibraze ER70S-6 {cu} | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Techniweld Products Corporation | B-G 49A 3 C G6 (ER49S-6) | Power Fist S-6 | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Techniweld Products Corporation | B-G 49A 3 C G6 (ER49S-6) | Unibraze S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Techniweld Products Corporation | E308L-16 | Powerweld E308L-16 | China | N/A | | 5.0 | W48-06 |
| Techniweld Products Corporation | E309L-16 | Powerweld E309L-16 | China | N/A | | 5.0 | W48-06 |
| Techniweld Products Corporation | E316L-16 | Powerweld E316L-16 | China | N/A | | 5.0 | W48-06 |
| Techniweld Products Corporation | E4313 | Powerweld E6013 | China | N/A | | 4.0 | W48-06 |
| Techniweld Products Corporation | E4918-1-H8 | Powerweld E7018 | China | N/A | | 5.0 | W48-06 |
| Techniweld Products Corporation | E491T-9-H8 | Powerweld E71T-1 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|-----------------------|----------------------|----------------------------|------|------|----------|
| The Harris Products Group | B-G 49A 2 C G3 (ER49S-3) | Harris ER70S-3 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| The Harris Products Group | B-G 49A 2 C G3 (ER49S-3) | Harris E70S3 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| The Harris Products Group | B-G 49A 2 C G3 (ER49S-3) | Harris E70S3 | Turkey | 100%CO2 | 0.9 | Unli | W48-06 |
| The Harris Products Group | B-G 49A 3 C G6 (ER49S-6) | ER70S-6 | Italy | 100%CO2 | 0.6 | Unli | W48-06 |
| The Harris Products Group | B-G 49A 3 C G6 (ER49S-6) | Harris ER70S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| The Harris Products Group | B-G 49A 3 C G6 (ER49S-6) | Harris E70S6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| The Harris Products Group | B-G 49A 3 C G6 (ER49S-6) | Harris E70S6 | Turkey | 100%CO2 | 0.8 | Unli | W48-06 |
| Tianjin Bridge Welding Materials Gro | B-G 49A 3 C G6 (ER49S-6) | Bridge THQ-50C | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Tianjin Bridge Welding Materials Gro | E491T-9-H16 | Bridge THY-51B | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Tianjin Sainteagle Welding Co., Ltd. | E491T-9 | SQJ501 | China | 100%CO2 | 1.2 | 1.2 | W48-06 |
| Tien Tai Electrode (Kun Shan) Co. Lt | E4915-H8 | TL-507 | China | N/A | | 5.0 | W48-06 |
| Tien Tai Electrode (Kun Shan) Co. Lt | E491T-1-H8 | TWE-711 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Tien Tai Electrode Co. Ltd. | E4310 | TC-10 | Taiwan | N/A | | 5.0 | W48-06 |
| Tien Tai Electrode Co. Ltd. | E4311 | TC-11 | Taiwan | N/A | | 5.0 | W48-06 |
| Tien Tai Electrode Co. Ltd. | E4313 | R-13 | Taiwan | N/A | | 5.0 | W48-06 |
| Tien Tai Electrode Co. Ltd. | E4914 | T-14 | Taiwan | N/A | | 5.0 | W48-06 |
| Tien Tai Electrode Co. Ltd. | E4918-H8 | TL-508 | Taiwan | N/A | | 5.0 | W48-06 |
| Tien Tai Electrode Co. Ltd. | F49A5-EC1 | Subcor M13K | Taiwan | TF-565 (made in Taiwan) | | 4.0 | W48-06 |
| Trafilerie di Cittadella S.P.A. | E491C-6J-H4 | Fileur AMC 01 | Italy | 100%CO2 | 1.0 | 1.6 | W48-06 |
| Trafilerie di Cittadella S.P.A. | E491C-6MJ-H4 | Fileur AMC 01 | Italy | Ar + 20% to 25%CO2 | 1.0 | 1.6 | W48-06 |
| Trafilerie di Cittadella S.P.A. | E491T-9J-H4 | Fileur ARS HP | Italy | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Trafilerie di Cittadella S.P.A. | E491T-9MJ-H4 | Fileur ARS HP | Italy | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Trefilal Inc. | B-G 49A 2 C G3 (ER49S-3) | S-3 Welding Wire{cu} | Canada | 100%CO2 | 0.9 | Unli | W48-06 |
| Trefilal Inc. | B-G 49A 5 C G6 (ER49S-6) | S-6 Welding Wire{cu} | Canada | 100%CO2 | 0.8 | Unli | W48-06 |
| Trefilal Inc. | B-G 49A 5 M G6 (ER49S-6) | S-6 Welding Wire{cu} | Canada | Arcal 14 | 0.8 | Unli | W48-06 |
| Trefilal Inc. | F49A3-EM12K | TrefilAL 12K | Canada | OP 176 (made in Germany) | | Unli | W48-06 |
| Trefilal Inc. | F49A3-EM12K | TrefilAL 12K | Canada | OP 139 (made in Germany) | | Unli | W48-06 |
| Trefilal Inc. | F49A4-EM12K | TrefilAL 12K | Canada | LA46 (made in Italy) | | Unli | W48-06 |
| Trefilal Inc. | F49A6-EM12K | TrefilAL 12K | Canada | LA59 (made in Germany) | | Unli | W48-06 |
| Trefilal Inc. | F49A6-EM12K | TrefilAL 12K | Canada | OP 121TT (made in Germany) | | Unli | W48-06 |
| Trefilal Inc. | F49P6-EM12K | TrefilAL 12K | Canada | LA59 (made in Germany) | | Unli | W48-06 |
| Unibraze Corp. | E491C-6-H4 | Smoothcor 70C-6M | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Unibraze Corp. | E491C-6M-H4 | Smoothcor 70C-6M | USA | Ar + 5%CO2 | 0.9 | 1.6 | W48-06 |
| Unibraze Corp. | E491T-9-H4 | Smoothcor 71T1-T9 | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| Unibraze Corp. | E491T-9M-H4 | Smoothcor 71T1-T9 | USA | Ar + 15%CO2 | 0.9 | 1.6 | W48-06 |
| Unitec-York Inc. | B-G 49A 3 C G6 (ER49S-6) | Super 6 {cu} | Canada | 100%CO2 | 0.6 | Unli | W48-06 |
| Unitec-York Inc. | B-G 49A 3 C G6 (ER49S-6) | Unitec Super 7 {cu} | China | 100%CO2 | 0.6 | Unli | W48-06 |
| Vanguard Steel Limited | B-G 49A 2 C G3 (ER49S-3) | Bonarc ER70S-3 {cu} | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Vanguard Steel Limited | B-G 49A 3 C G6 (ER49S-6) | Bonarc ER70S-6 {cu} | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Vanguard Steel Limited | B-G 49A 3 C G6 (ER49S-6) | ER70S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Vanguard Steel Limited | B-G 49A 3 C G6 (ER49S-6) | VGD S-6 {cu} | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Vanguard Steel Limited | E308-16 | Bonarc E308-16 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E308L-16 | Bonarc E308L-16 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E309-16 | Bonarc E309-16 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E309L-16 | Bonarc E309L-16 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E310-16 | Bonarc E310-16 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E316-16 | Bonarc E316-16 | Korea | N/A | | 5.0 | W48-06 |

List of Electrodes for 11/02/2011

(Sorted by Standard / Company Name/ Classification)

| Company Name | Classification | Electrode Designation | Point of Manufacture | Flux Gas | Min. | Max. | Standard |
|--------------------------------------|--------------------------|-----------------------|----------------------|--------------------|------|------|----------|
| Vanguard Steel Limited | E316L-16 | Bonarc E316L-16 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E4310 | Bonarc E6010 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E4311 | Bonarc E6011 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E4313 | Bonarc E6013 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E4914 | Bonarc E7014 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E4918 | Bonarc E7018 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E4918-1 | Bonarc E7018-1 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E491T-1-H8 | Bonarc E71T-1LF | Korea | 100%CO2 | 1.2 | 1.6 | W48-06 |
| Vanguard Steel Limited | E491T-1M-H8 | Bonarc E71T-1LF | Korea | Ar + 20% to 25%CO2 | 1.2 | 1.6 | W48-06 |
| Vanguard Steel Limited | E491T-9-H8 | Bonarc E71T-9 | Korea | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Vanguard Steel Limited | E491T-9M-H8 | Bonarc E71T-9 | Korea | Ar + 10%CO2 | 1.1 | 1.6 | W48-06 |
| Vanguard Steel Limited | E491T-GS | Bonarc E71T-GS | Korea | N/A | 0.8 | 2.4 | W48-06 |
| Vanguard Steel Limited | E4924 | Bonarc E7024 | Korea | N/A | | 5.0 | W48-06 |
| Vanguard Steel Limited | E492C-6M-H8 | Bonarc E70C-6M | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Vanguard Steel Limited | E492T-9-H8 | Bonarc E70T-9 | Korea | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Vanguard Steel Limited | E492T-9M-H8 | Bonarc E70T-9 | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Vanguard Steel Limited | E5518-C3 | Bonarc E8018-C3 | Korea | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | B-G 49A 3 C G6 (ER49S-6) | ER70S-6 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| Washington Alloy Co. | B-G 49A 3 C G6 (ER49S-6) | ER70S-6 | Korea | 100%CO2 | 0.8 | Unli | W48-06 |
| Washington Alloy Co. | E4310 | E6010 | Taiwan | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4310 | E6010 | Korea | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4311 | E6011 | Taiwan | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4311 | E6011 | Korea | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4313 | E6013 | Taiwan | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4313 | E6013 | Korea | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4914 | E7014 | Taiwan | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4914 | E7014 | Korea | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4918 | E7018 | Korea | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4918-H8 | E7018 | Taiwan | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E4918-H8 | E7018AC | Taiwan | N/A | | 5.0 | W48-06 |
| Washington Alloy Co. | E491T-1-H8 | Superflow 71TC | Taiwan | N/A | | 1.6 | W48-06 |
| Washington Alloy Co. | E491T-1M-H8 | Superflow 71TM | Taiwan | N/A | | 1.6 | W48-06 |
| Washington Alloy Co. | E491T-9-H8 | USA E71T-1-LF | Korea | 100%CO2 | 1.1 | 1.6 | W48-06 |
| Washington Alloy Co. | E491T-9M-H8 | USA E71T-1-LF | Korea | Ar + 20% to 25%CO2 | 1.1 | 1.6 | W48-06 |
| Washington Alloy Co. | E4924 | E7024 | Korea | N/A | | 5.0 | W48-06 |
| Weldability Sif | B-G 49A 3 C G6 (ER49S-6) | SIFMIG SG2 | China | 100%CO2 | 0.8 | Unli | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E308L-16 | E308L | USA | N/A | | 4.0 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E309L-16 | E309L | USA | N/A | | 4.0 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E4311 | E6011 | USA | N/A | | 5.0 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E4313 | E6013 | USA | N/A | | 5.0 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E4313 | DURA-STEEL | USA | N/A | | 5.0 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E4918 | E7018 | USA | N/A | | 5.0 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E491T-9-H8 | E71T-1 | USA | 100%CO2 | 0.9 | 1.6 | W48-06 |
| X-Ergon (Div. of NCH Canada Inc.) | E491T-9M-H8 | E71T-1 | USA | Ar + 20% to 25%CO2 | 0.9 | 1.6 | W48-06 |
| Zhangjiagang Hengchang Welding Mater | B-G 49A 3 C G6 (ER49S-6) | SJ-50 | China | 100%CO2 | 0.6 | | W48-06 |
| Zhangjiagang Hengchang Welding Mater | E491T-9-H8 | SJF-711 | China | 100%CO2 | 1.2 | 1.6 | W48-06 |