

# MATERIAL SPECIFICATION TITLE INDEX FERROUS

SPEC	PIPE	SA	A	MATERIAL
53	PIPE, STEEL, BLACK AND HOT-DIPPED, ZINC-COATED, WELDED AND SEAMLESS	X	X	CARBON STEEL
106	SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE	X	X	CARBON STEEL
312	SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL PIPE	X	X	STAINLESS STEEL
333	SEAMLESS AND WELDED STEEL PIPE FOR LOW-TEMPERATURE SERVICE	X	X	LOW TEMP
335	SEAMLESS FERRITIC ALLOY-STEEL PIPE FOR HIGH TEMPERATURE SERVICE	X	X	CHROME ALLOY
376	SEAMLESS AUSTENITIC STEEL PIPE FOR HIGH-TEMPERATURE CENTRAL-STATION SERVICE	X	X	STAINLESS STEEL
671	ELECTRIC-FUSION-WELDED STEEL PIPE FOR ATMOSPHERIC AND LOWER TEMPERATURES	X	X	LOW TEMP
672	ELECTRIC-FUSION-WELDED STEEL PIPE FOR HIGH -PRESSURE SERVICE AT MODERATE TEMPERATURES	X	X	CARBON STEEL
691	CARBON AND ALLOY STEEL PIPE ELECTRIC-FUSION-WELDED FOR HIGH-PRESSURE SERVICE AT HIGH TEMPERATURES	X	X	CHROME ALLOY
790	SEAMLESS AND WELDED FERRITIC/AUSTENITIC STAINLESS STEEL PIPE	X	X	DUPLEX
<b>TUBE</b>				
178	ELECTRIC-RESISTANCE-WELDED CARBON STEEL AND CARBON-MANGANESE STEEL BOILER AND SUPERHEATER TUBES	X	X	CARBON STEEL
179	SEAMLESS COLD-DRAWN LOW-CARBON STEEL HEAT-EXCHANGER AND CONDENSER TUBES	X	X	CARBON STEEL
192	SEAMLESS CARBON STEEL BOILER TUBES FOR HIGH-PRESSURE SERVICE	X	X	CARBON STEEL
210	SEAMLESS MEDIUM-CARBON STEEL BOILER AND SUPERHEATER TUBES	X	X	CARBON STEEL
213	SEAMLESS FERRITIC AND AUSTENITIC ALLOY-STEEL BOILER, SUPERHEATER AND HEAT-EXCHANGER TUBE	X	X	STAINLESS/ALLOY
249	WELDED AUSTENITIC STEEL BOILER, SUPERHEATER, HEAT-EXCHANGER AND CONDENSER TUBES	X	X	STAINLESS/ALLOY
268	SEAMLESS AND WELDED FERRITIC AND MARTENSITIC STAINLESS STEEL TUBING FOR GENERAL SERVICE	X	X	MARTENSITIC
269	SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL TUBING FOR GENERAL SERVICE		X	STAINLESS STEEL
334	SEAMLESS AND WELDED CARBON AND ALLOY-STEEL TUBES FOR LOW-TEMPERATURE SERVICE	X	X	LOW TEMP
500	COLD-FORMED WELDED AND SEAMLESS CARBON STEEL STRUCTURAL TUBING IN ROUNDS AND SHAPES		X	CARBON STEEL
511	SEAMLESS STAINLESS STEEL MECHANICAL TUBING		X	STAINLESS STEEL
519	SEAMLESS CARBON AND ALLOY STEEL MECHANICAL TUBING		X	CARBON STEEL
554	WELDED STAINLESS STEEL MECHANICAL TUBING		X	STAINLESS STEEL
789	SEAMLESS AND WELDED FERRITIC/AUSTENITIC STAINLESS STEEL TUBING FOR GENERAL SERVICE	X	X	DUPLEX
<b>FITTINGS</b>				
234	PIPE FITTINGS OF WROUGHT CARBON STEEL AND ALLOY STEEL FOR MODERATE AND HIGH TEMPERATURE SERVICE	X	X	
403	WROUGHT AUSTENITIC STAINLESS STEEL PIPE FITTINGS	X	X	
420	PIPE FITTINGS OF WROUGHT CARBON STEEL AND ALLOY STEEL FOR LOW TEMPERATURE SERVICE	X	X	
815	WROUGHT FERRITIC, FERRITIC/AUSTENITIC AND MARTENSITIC STAINLESS STEEL PIPE FITTINGS	X	X	
<b>FLANGES AND FORGINGS</b>				
105	CARBON STEEL FORGINGS FOR PIPING APPLICATIONS	X	X	CARBON STEEL
182	FORGED OR ROLLED ALLOY AND STAINLESS STEEL PIPE FLANGES, FORGED FITTINGS FOR HIGH TEMPERATURE SERVICE	X	X	STAINLESS/ALLOY
350	CARBON AND LOW ALLOY STEEL FORGINGS REQUIRING NOTCH TOUGHNESS TESTING FOR PIPING COMPONENTS	X	X	LOW TEMP
<b>PLATE</b>				
36	CARBON STRUCTURAL STEEL	X	X	LOW TEMP
167	STAINLESS AND HEAT RESISTING CHROMIUM NICKEL STEEL PLATE SHEET AND STRIP		X	309/310
240	CHROMIUM AND CHROMIUM NICKEL STAINLESS STEEL PLATE SHEET AND STRIP FOR PRESSURE VESSELS	X	X	STAINLESS STEEL
285	PRESSURE VESSEL PLATES CARBON STEEL LOW AND INTERMEDIATE TENSILE STRENGTH	X	X	CARBON STEEL
387	PRESSURE VESSEL PLATES ALLOY STEEL CHROMIUM-MOLYBDENUM	X	X	CHROME ALLOY
<b>BAR</b>				
29	STEEL BARS CARBON AND ALLOY HOT WROUGHT GENERAL REQUIREMENTS	X	X	CARBON STEEL
108	STEEL BARS CARBON AND ALLOY COLD FINISHED		X	CARBON STEEL
276	STAINLESS STEEL BARS AND SHAPES	X	X	STAINLESS STEEL
336	ALLOY STEEL FORGINGS FOR PRESSURE AND HIGH TEMPERATURE PARTS	X	X	CHROME ALLOY
479	STAINLESS STEEL BARS AND SHAPES FOR USE IN BOILERS AND PRESSURE VESSELS	X	X	STAINLESS STEEL

# MATERIAL SPECIFICATION TITLE INDEX NON-FERROUS

SPEC	PIPE	SB	B	MATERIAL
165	NICKEL-COPPER ALLOY SEAMLESS PIPE AND TUBE	X	X	MONEL
167	NICKEL-CHROMIUM-IRON SEAMLESS PIPE AND TUBE	X	X	INCONEL, INCOLOY
407	NICKEL-IRON-CHROMIUM ALLOY SEAMLESS PIPE AND TUBE	X	X	INCOLOY
444	NICKEL-CHROME-MOLY-COLUMBIUM ALLOY PIPE AND TUBE	X	X	INCONEL
619	WELDED NICKEL AND NICKEL-COBALT ALLOY PIPE	X	X	MONEL
622	SEAMLESS NICKEL AND NICKEL-COBALT ALLOY PIPE	X	X	MONEL
675	WELDED TUBE N08367	X	X	AL-6XN
690	NICKEL-CHROME-MOLY SEAMLESS PIPE AND TUBE	X	X	AL-6XN
861	TITANIUM AND TITANIUM ALLOY SEAMLESS PIPE	X	X	TITANIUM
862	TITANIUM AND TITANIUM ALLOY WELDED PIPE	X	X	TITANIUM
<b>TUBE</b>				
163	SEAMLESS NICKEL AND NICKEL ALLOY HEAT EXCHANGER AND CONDENSER TUBE	X	X	NICKEL ALLOY
165	NICKEL-COPPER ALLOY SEAMLESS PIPE AND TUBE	X	X	MONEL
167	NICKEL-CHROMIUM-IRON SEAMLESS PIPE AND TUBE	X	X	INCONEL, INCOLOY
338	SEAMLESS AND WELDED TITANIUM AND TITANIUM ALLOY TUBES FOR HEAT EXCHANGERS/CONDENSERS	X	X	TITANIUM
407	NICKEL-IRON-CHROMIUM ALLOY SEAMLESS PIPE AND TUBE	X	X	INCOLOY
444	NICKEL-CHROME-MOLY-COLUMBIUM ALLOY PIPE AND TUBE	X	X	INCONEL
622	SEAMLESS NICKEL AND NICKEL-COBALT ALLOY PIPE	X	X	HASTELLOY
626	WELDED NICKEL AND NICKEL-COBALT ALLOY TUBE	X	X	MONEL
676	WELDED TUBE N08367	X	X	AL-6XN
690	NICKEL-CHROME-MOLY SEAMLESS PIPE AND TUBE	X	X	AL-6XN
705	NICKEL-CHROME-MOLY-COLUMBIUM ALLOY WELDED TUBE	X	X	INCONEL
<b>FITTINGS</b>				
363	SEAMLESS AND WELDED TITANIUM AND TITANIUM ALLOY WELDED FITTINGS	X	X	INCOLOY
366	FACTORY-MADE WROUGHT NICKEL AND NICKEL ALLOY FITTINGS	X	X	NICKEL ALLOY
462	ALLOY PIPE FLANGES, FORGED FITTING FOR CORROSIVE HIGH TEMPERATURE SERVICE	X	X	NICKEL ALLOY
<b>FLANGES AND FORGINGS</b>				
381	TITANIUM AND TITANIUM ALLOY FORGINGS	X	X	TITANIUM
462	ALLOY PIPE FLANGES, FORGED FITTING FOR CORROSIVE HIGH TEMPERATURE SERVICE	X	X	AL-6XN
564	NICKEL ALLOY FORGINGS	X	X	NICKEL ALLOY
<b>PLATE</b>				
127	NICKEL-CHROME-COPPER ALLOY PLATE, SHEET, STRIP	X	X	MONEL
168	NICKEL-CHROME-IRON ALLOY PLATE, SHEET, STRIP	X	X	INCONEL, INCOLOY
265	TITANIUM AND TITANIUM ALLOY STRIP, PLATE, SHEET	X	X	TITANIUM
409	NICKEL-IRON-CHROMIUM-COPPER ALLOY PLATE, SHEET, STRIP	X	X	INCOLOY
575	LOW CARBON NICKEL-CHROMIUM-MOLYBDENUM ALLOY PLATE, SHEET, STRIP	X	X	HASTELLOY
688	CHROME-NICKEL-MOLY-IRON PLATE, SHEET, STRIP	X	X	INCOLOY
<b>BAR</b>				
166	NICKEL-CHROME-IRON ALLOY ROD, BAR AND WIRE	X	X	INCONEL, INCOLOY
348	TITANIUM AND TITANIUM ALLOY BARS AND BILLETS	X	X	TITANIUM
446	NICKEL-CHROME-MOLY-COLUMBIUM ALLOY ROD AND BAR	X	X	INCONEL
574	LOW CARBON NICKEL-CHROMIUM-MOLYBDENUM ALLOY ROD	X	X	HASTELLOY