## Expectation of procurement in FY 2023 (the year ending March 31, 2023)

[Rolling stock related goods]

No.	Category	Item Name	Quantity	Unit
11401	Railcar	Railcar	-	Car
	Bogie frame parts	Differential pressure valve of air spring		Piece
	Bogie frame parts	Oil damper		Piece
	Bogie frame parts	Automatic level controlling valve		Piece
	Bogie frame parts	Bogie	210	Set
12114	Bogie frame parts	Bogie frame parts	787,850	Piece
	Bogie frame parts	Torsion bar	40	Piece
12133	Bogie frame parts	Vibration control devices	90	Set
12134	Bogie frame parts	Vibration control device part	160	Piece
12199	Bogie frame parts	Other bogie frame parts	48,990	
	Foundation brake supplies	Brake shoe	52,580	
	Foundation brake supplies	Brake shoe lining	22,490	
	Foundation brake supplies	Brake disk	3,380	
	Foundation brake supplies	Foundation brake rigging	1,140	
	Foundation brake supplies	Other foundation brake supplies	219,090	
	Axle box supplies	Axle box	1,900	
	Axle box supplies	Axle box main body		Set
	Axle box supplies	Axle box parts	76,030	
	Axle box supplies	Other axle box supplies	88,840	
	Internal combustion railcar supplies	Engine		Set
	Internal combustion engine supplies Internal combustion engine supplies	Super charger Exhaust manifold bolt		Piece Piece
				Piece
	Internal combustion engine supplies Internal combustion engine supplies	Cylinder head Fuel control device		Set
	Internal combustion engine supplies	Other internal combustion engine supplies	46,580	
	Transmission supplies	Transmission		Unit
	Transmission supplies	Other transmission supplies		Piece
	Other internal combustion railcar	Other transmission supplies		
13301	supplies	Air cleaner	270	Piece
40005	Other internal combustion railcar			
13305	supplies	Reduction gear	60	Set
13307	Other internal combustion railcar	Starter	4	Piece
10007	supplies	otal tel	7	1 1000
13308	Other internal combustion railcar	Blower	50	Piece
	supplies			
13310	Other internal combustion railcar	Fuel oil tank	60	Piece
	supplies			
13311	Other internal combustion railcar	Propeller shaft	3	Piece
	supplies	·		
13312	Other internal combustion railcar	Radiator	100	Piece
	supplies			
13313	Other internal combustion railcar supplies	Radiator core	320	Piece
	Other internal combustion railcar			
13314	supplies	Water pump	100	Piece
	Other internal combustion railcar			
13315	supplies	Internal combustion railcar parts	18,940	Piece
1655	Other internal combustion railcar		40.55-	D:
13381	supplies	Other internal combustion railcar supplies	40,960	Piece
14201	Wheelset supplies	Axle	1,760	Piece
	Wheelset supplies	Wheel	20,790	
	Wheelset supplies	Wheelset	1,430	Set
14301	Gear unit supplies	Gear		Piece
	Gear unit supplies	Pinion		Piece
	Gear unit supplies	Gear case		Piece
	Gear unit supplies	Gear coupling		Set
	Gear unit supplies	Flexible coupling		Set
	Gear unit supplies	Other gear unit supplies	112,970	
	Current collection control supplies	Main circuit equipment		Set
	Current collection control supplies	Main traction converter		Set
15115	Current collection control supplies	Speed detecting device	<u>80</u>	Piece

1511   Current collection control supplies   1512   Current collection control supplies   1513   Current collection control supplies   1514   Current collection control supplies   1515   Current collection control supplies   1516   Current coll					
1512   Current collection control supplies   Soleton	15116	Current collection control supplies	Monitoring equipment		
15122 Current collection control supplies   5120 Piece   5120 Current collection control supplies   30 Set   15124 Current collection control supplies   Auxiliary contact strip   20,360 Piece   15125 Current collection control supplies   Auxiliary contact strip   20,360 Piece   37,350 Pie	15117	Current collection control supplies	Monitoring equipment parts	500	Piece
15122 Current collection control supplies   Pantograph   20,360 Piece   15122 Current collection control supplies   Auxiliary contact strip   37,350 Piece   15132 Current collection control supplies   Carabon contact strip   37,350 Piece   15133 Current collection control supplies   Vacuum circuit-breaker   4,340 Piece   4,340 Piece   15133 Current collection control supplies   Vacuum circuit-breaker   4,40 Piece   15136 Current collection control supplies   Vacuum circuit-breaker   1,000 Piece   15136 Current collection control supplies   Track layout circuit-breaker   1,000 Piece   15136 Current collection control supplies   Track layout circuit-breaker   1,000 Piece   15138 Current collection control supplies   ATS control device parts   240 Piece   15140 Current collection control supplies   ATS control device parts   240 Piece   240 Piece   241 Piece   241 Piece   242 Piece   243 Piece   244 Piece   245 Piece	15121	Current collection control supplies	Contact strip	30,850	Piece
15126 Current collection control supplies   Auxiliary contact strip   20,360 Piece   15132 Current collection control supplies   Carbon contact strip   37,350 Piece   15132 Current collection control supplies   Carbon contact strip   37,350 Piece   15133 Current collection control supplies   Carbon contact strip   15135 Current collection control supplies   Carbon control supplies   ATS control device parts   240 Piece   240 Piece   241 Current collection control supplies   ATS control device parts   310 Set   310 Set   311 Current collection control supplies   Carbon control suppl	15122	Current collection control supplies	Contact strip body	5,120	Piece
15124 Current collection control supplies   Auxiliary contact strip   20,360 Piece   15132 Current collection control supplies   Graben contact strip   37,350 Piece   15132 Current collection control supplies   Graben contact strip   4,340 Piece   15134   Grapen control supplies   Line breaker   4,340 Piece   15134   Gurrent collection control supplies   Line breaker   4,340 Piece   15134   Gurrent collection control supplies   Line breaker   1,500 Piece   15135   Gurrent collection control supplies   Line breaker   1,500 Piece   15136   Gurrent collection control supplies   Track layout circuit-breaker   1,500 Piece   15138   Gurrent collection control supplies   ATS control device parts   240 Piece   15139   Gurrent collection control supplies   ATS control device parts   240 Piece   480 Set   15141   Gurrent collection control supplies   ATS control device parts   310 Set   310 Set   315 ATS control device   310 Set   315 ATS control device parts   310 Set   315 ATS control device   310 Set   315 ATS control device parts   310 Set   315 ATS control device   310 Piece   315 ATS control control supplies   315 ATS co	15123	Current collection control supplies	Pantograph	30	Set
15126 Current collection control supplies   Carabon contact strip   37,350 Piece   15133 Current collection control supplies   Vacuum circuit-breaker   4,340 Piece   15133 Current collection control supplies   Vacuum circuit-breaker   150 Set   15135 Current collection control supplies   Track layout circuit-breaker   150 Set   15135 Current collection control supplies   Track layout circuit-breaker   1,000 Piece   15138 Current collection control supplies   ATS control device   30 Piece   15136 Current collection control supplies   ATS control device   460 Cet   15136 Current collection control supplies   ATS control device   460 Cet   15140 Current collection control supplies   ATS control device   460 Cet   15140 Current collection control supplies   ATC on board device   15141 Current collection control supplies   ATC on board device   15141 Current collection control supplies   ATC on board device   15141 Current collection control supplies   ATC on board device   15141 Current collection control supplies   15140 Current collection control supplies   15152 Current collection control supplies   15152 Current collection control supplies   15152 Current collection control supplies   15153 Current collection control supplies   15154 Current collection control supplies   15154 Current collection control supplies   15155 Current collection control supplies   15156 Current collection control supplies   15157 Current collection control supplies   15158 Current collection control supplies   15159 Current collection control supplies   1515	15124	Current collection control supplies		20,360	Piece
15132 Current collection control supplies   Circuit-breaker   4,340 Piece   15133 Current collection control supplies   Line breaker   150 Set   15136 Current collection control supplies   Line breaker   1,000 Piece   15136 Current collection control supplies   ATS control feceiver   30 Piece   15138 Current collection control supplies   ATS control feceiver   30 Piece   15139 Current collection control supplies   ATS control device parts   240 Piece   15130 Current collection control supplies   ATS control device parts   240 Piece   480 Set   15140 Current collection control supplies   ATS control device parts   240 Piece   480 Set   15141 Current collection control supplies   ATS control device parts   310 Set   311 Set   311 Current collection control supplies   ATS control device parts   310 Set   311 Set   311 Current collection control supplies   312 Current collection control supplies   313 Current collection control supplies   314 Current collection control supplies   31546 Current collection control supplies   34546 Current collection control supplies				37.350	Piece
15133 Current collection control supplies   Vacuum circuit-breaker   150 Set   15135 Current collection control supplies   Track layout circuit breaker   150 Set   15135 Current collection control supplies   ATS control receiver   30 Piece   15136 Current collection control supplies   ATS control device parts   240 Piece   15140 Current collection control supplies   ATS control device parts   240 Piece   25140 Current collection control supplies   ATS control device parts   240 Piece   25140 Current collection control supplies   ATS control device parts   240 Piece   25140 Current collection control supplies   ATS control device parts   310 Set   311 Set   311 Set   311 Set   312 Current collection control supplies   ATS control device parts   310 Set   311 Set   312 Current collection control supplies   ATS control device parts   310 Set   311 Set   312 Current collection control supplies   35140 Current collection control supplies   342 Current collection control supplies   342 Current collection control supplies   343 Current collection control supplies   344 Current collection control supplies   345 Current collection control supplies   346 Current collection control supplies   347 Current collection control supplies   347 Current collection control supplies   348 Current collection control suppli		• • • • • • • • • • • • • • • • • • • •			
15136 Current collection control supplies   Line breaker   1,000   Piece					
15138 Current collection control supplies   Track layout circuit-breaker   1,000   Piece   15138   Current collection control supplies   ATS control device parts   240   Piece   15140   Current collection control supplies   ATS control device parts   240   Piece   15140   Current collection control supplies   ATS control device   110   Set   15141   Current collection control supplies   ATC on board device   110   Set   15142   Current collection control supplies   ATC on board device   15144   Current collection control supplies   ATC on board device   20   Piece   15144   Current collection control supplies   ATC on board device   20   Piece   15146   Current collection control supplies   ATC on board device   20   Piece   15146   Current collection control supplies   ATC on board device   20   Piece   15147   Current collection control supplies   Master control   550   Piece   15147   Current collection control supplies   Master control   550   Piece   15148   Current collection control supplies   AUXiliary power supply   70   Piece   15152   Current collection control supplies   Contactales control device   50   Set   15158   Current collection control supplies   Contactales control device   50   Set   15158   Current collection control supplies   Contactales control device   50   Set   15161   Current collection control supplies   Contactor   300   Piece   15162   Current collection control supplies   Contactor   300   Piece   15162   Current collection control supplies   Contactor   300   Piece   15162   Current collection control supplies   ATC   AT					
15138   Current collection control supplies   ATS control device parts   240   Piece   15140   Current collection control supplies   ATS control device parts   240   Piece   15140   Current collection control supplies   ATS control device   460   Set   15141   Current collection control supplies   ATC on board device   110   Set   15142   Current collection control supplies   ATC on board device parts   310   Set   311   Set   311   Set   311   Set   311   Set   312   Set   312   Set   312   Set   313   Set   314   Current collection control supplies   ATC on board device parts   310   Set   312   Set   312   Set   313   Set   314   Current collection control supplies   Main controller   1   Piece   15146   Current collection control supplies   Main controller   550   Piece   151512   Current collection control supplies   Obor control unit   6   Piece   15152   Current collection control supplies   Auxiliary power supply   1   Piece   15153   Current collection control supplies   Auxiliary power supply   1   Piece   15154   Current collection control supplies   Auxiliary power supply   70   Set   15161   Current collection control supplies   Auxiliary power supply   70   Set   15161   Current collection control supplies   Contact maker   5,540   Piece   15171   Current collection control supplies   Contact maker   5,540   Piece   15181   Current collection control supplies   Arrestor   920   Piece   15182   Current collection control supplies   Relay   27,220   Piece   15183   Current collection control supplies   Relay   27,220   Piece   27,220   Piece   27,220   Piece   27,220   Piece   27					
15130   Current collection control supplies   ATS control device parts   240   Piece   15141   Current collection control supplies   ATS control device   480   Set   15142   Current collection control supplies   ATC on board device   110   Set   15142   Current collection control supplies   ATC on board device   110   Set   15144   Current collection control supplies   ATC on board device   120   Piece   15144   Current collection control supplies   ATC on board device   120   Piece   15144   Current collection control supplies   Starting device   20   Piece   15145   Current collection control supplies   Master controller   550   Piece   15147   Current collection control supplies   15152   Current collection control supplies   15153   Current collection control supplies   15153   Current collection control supplies   15154   Current collection control supplies   15155   Current collection control supplies   15156   Current collection control supplies   15162   Current collection control supplies   15162   Current collection control supplies   15163   Current collection control supplies   15164   Current collection control supplies   15165   Current c			i		
15140   Current collection control supplies   ATS control device   110   Set   15142   Current collection control supplies   ATC on board device   110   Set   15142   Current collection control supplies   ATC on board device   120   Piece   15144   Current collection control supplies   ATC on board device   20   Piece   15144   Current collection control supplies   ATC on board device   20   Piece   15146   Current collection control supplies   ATC on board device   20   Piece   15146   Current collection control supplies   ATC on board device   20   Piece   15146   Current collection control supplies   ATC on board device   70   Piece   15148   Current collection control supplies   Voltage regulator   70   Piece   15152   Current collection control supplies   Voltage regulator   70   Piece   15153   Current collection control supplies   Contactless control device   50   Set   15158   Current collection control supplies   Contactless control device   50   Set   15161   Current collection control supplies   Contactless control device   50   Set   15161   Current collection control supplies   Contactles   Contactles   70   Piece					
15141 Current collection control supplies   ATC on board device   110 Set					
15142 Current collection control supplies   Starting device   20 Piece   15146 Current collection control supplies   Starting device   20 Piece   15147 Current collection control supplies   Main controller   1 Piece   15147 Current collection control supplies   Main controller   550 Piece   15148 Current collection control supplies   Voltage regulator   70 Piece   15152 Current collection control supplies   Voltage regulator   70 Piece   15152 Current collection control supplies   Auxiliary power supply   1 Piece   15153 Current collection control supplies   Auxiliary power supply   1 Piece   15154 Current collection control supplies   Auxiliary power supply   70 Set   15158 Current collection control supplies   Contactless controll device   50 Set   15158 Current collection control supplies   Contact maker   5540 Piece   15162 Current collection control supplies   Contact maker   5540 Piece   15181 Current collection control supplies   Arrester   9920 Piece   15181 Current collection control supplies   Arrester   9920 Piece   15182 Current collection control supplies   Relay   27,220 Piece   15183 Current collection control supplies   15183 Current collect					
15144 Current collection control supplies   Starting device   15166 Current collection control supplies   Main controller   1   Piece   15147 Current collection control supplies   Master controller   550 Piece   15148 Current collection control supplies   Master controller   70 Piece   15158 Current collection control supplies   Door control unit   6 Piece   15153 Current collection control supplies   Door control unit   6 Piece   15153 Current collection control supplies   Contactless controll device   550 Set   15156 Current collection control supplies   Contactless controll device   550 Set   15156 Current collection control supplies   Contact maker   5540 Piece   15171 Current collection control supplies   Contact maker   5540 Piece   15171 Current collection control supplies   Contact maker   5540 Piece   15171 Current collection control supplies   Contact maker   5540 Piece   15181 Current collection control supplies   Thermal relay   300 Piece   15182 Current collection control supplies   Relay   27,220 Piece   15183 Current collection control supplies   Relay   27,220 Piece   15183 Current collection control supplies   Relay   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piec					
15146   Current collection control supplies   Main controller   550   Piece   15147   Current collection control supplies   Master controller   550   Piece   15152   Current collection control supplies   Master controller   550   Piece   15153   Current collection control supplies   Master control unit   6   Piece   15154   Current collection control supplies   Auxiliary power supply   1   Piece   15154   Current collection control supplies   Auxiliary power supply   1   Piece   15158   Current collection control supplies   Contactless controll device   50   Set   15158   Current collection control supplies   Emargency power supply   77   Set   15161   Current collection control supplies   Contact maker   5,540   Piece   15171   Current collection control supplies   Arrester   920   Piece   15181   Current collection control supplies   Arrester   920   Piece   15182   Current collection control supplies   Relay   27,220   Piece   15183   Current collection control supplies   Relay   27,220   Piece   15183   Current collection control supplies   Relay box   4   Piece   15183   Current collection control supplies   Relay disk   30   Piece   15183   Current collection control supplies   Relay disk   30   Piece   15183   Current collection control supplies   Relay disk   30   Piece   15183   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Contactless relay   70   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15202   Relay disk   30   Piece   15203   Relay disk   30   Piece			i		
15147 Current collection control supplies   Voltage regulator   70 Piece   15148 Current collection control supplies   Voltage regulator   70 Piece   15152 Current collection control supplies   Auxiliary power supply   1 Piece   15153 Current collection control supplies   Auxiliary power supply   1 Piece   15154 Current collection control supplies   Contactes control device   50 Set   15158 Current collection control supplies   Contactes control device   50 Set   15158 Current collection control supplies   Contactes control device   50 Set   15161 Current collection control supplies   Contact maker   5,540 Piece   15171 Current collection control supplies   Contact maker   5,540 Piece   15171 Current collection control supplies   Contact maker   5,540 Piece   15181 Current collection control supplies   Relay   27,220 Piece   15182 Current collection control supplies   Relay   27,220 Piece   15183 Current collection control supplies   Relay   27,220 Piece   15183 Current collection control supplies   Relay box   4 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Relay disk   30 Piece   15190 Current collection control supplies   Relay disk   30 Piece   15190 Current collection control supplies   Relay disk   30 Piece   31900 Rotators   30 Piece   31900 Rotators   30 Piece   31900 Rotators   30 Piece   31900 Rotators   31900 Piece   31900 Rotators   31900 Piece   31900 Piece					
15148 Current collection control supplies   Door control unit   6   Piece					
15152 Current collection control supplies   Auxiliary power supply   1   Piece   15153 Current collection control supplies   Auxiliary power supply   1   Piece   15154 Current collection control supplies   Contactless control device   50   Set   15158 Current collection control supplies   Contact   Cont	15147	Current collection control supplies	Master controller		
15153 Current collection control supplies   Contactless controll device   50 Set	15148	Current collection control supplies	Voltage regulator		
15154 Current collection control supplies   Contactless control device   50 Set	15152	Current collection control supplies	Door control unit	6	Piece
15154 Current collection control supplies   Contactless control device   50 Set	15153	Current collection control supplies	Auxiliary power supply	1	Piece
15158   Current collection control supplies   Contactor   30   Piece					
15161   Current collection control supplies   Contactor   S. 540   Piece					
15162   Current collection control supplies   Contact maker   S,540   Piece   15171   Current collection control supplies   Arrester   S20   Piece   15181   Current collection control supplies   Relay   S300   Piece   S1818   Current collection control supplies   Relay   Cy.220   Piece   S1818   Current collection control supplies   Relay   Cy.220   Piece   S1818   Current collection control supplies   Relay   Relay   Cy.220   Piece   S1818   Current collection control supplies   Relay   Gymen					
15171   Current collection control supplies   Arrester   920   Piece   15181   Current collection control supplies   Thermal relay   300   Piece   15182   Current collection control supplies   Relay   27,220   Piece   15183   Current collection control supplies   Relay box   4   Piece   15184   Current collection control supplies   Relay box   4   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15187   Current collection control supplies   Railcar information management system   3,500   Piece   15187   Current collection control supplies   Railcar information management system   3,500   Piece   15188   Current collection control supplies   Information provision equipment   4,090   Set   15191   Current collection control supplies   Information provision equipment   4,090   Set   15196   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Platform door device   1,550   Set   15202   Rotators   Platform door device   1,550   Set   15202   Rotators   Fan   1,480   Piece   15203   Rotators   Fan   1,480   Piece   15204   Rotators   Turbine generator   250   Piece   15205   Rotators   Turbine generator   250   Piece   15207   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Traction motor   720   Piece   15209   Rotators   Motor generator   1   Piece   15209   Rotators   Motor generator   1,290   Piece   15218   Rotators   Electric fan   1   Piece   15218   Rotators   Rotator parts   117,620   Piece   15238   Rotators   Rotator parts   13,870   Piece   15238   Rotators   Rotator parts   690   Piece   15238   Rotators   Generator parts   690   Piece   15238   Rotators   Generator parts   690   Piece   15230   Rotators   Generator par					
15181   Current collection control supplies   Relay   27,220   Piece   15182   Current collection control supplies   Relay   27,220   Piece   15183   Current collection control supplies   Relay box   4   Piece   15184   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Relay disk   35,000   Piece   15185   Current collection control supplies   Information management system   3,500   Piece   15186   Current collection control supplies   Information provision equipment   4,090   Set   15191   Current collection control supplies   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Other current collection control supplies   29,840   Piece   15202   Rotators   Ventilating fan   670   Piece   15203   Rotators   Fan   1,480   Piece   15204   Rotators   Fan   1,480   Piece   15205   Rotators   Turbine generator   5   Piece   15205   Rotators   Generator   250   Piece   15208   Rotators   Auxiliary motor   10   Piece   15209   Rotators   Auxiliary motor   10   Piece   15209   Rotators   Traction motor   720   Piece   15219   Rotators   Electric fan   1   Piece   15219   Rotators   Rotators   Rotator   1,290   Piece   15228   Rotators   Rotators   Rotator   1,290   Piece   15228   Rotators   Rotators   Rotator   1,290   Piece   15238   Rotators   Generator parts   690   Piece   15243   Rotators   Generator parts   690   Piece   15243   Rotators   Deflecting plate   5,330   Piece   15246   Rotators   Generator parts   690   Piece   15243   Rotators   Generator parts   690   Piece   15243   Rotators   Generator parts   690   Piece   15245   Rotators   Generator parts   690   Piece   15246   Rotators   Generator parts   690   Piece   15246   Rotators   Generator parts   690   Piece   15247   Rotators   Generator parts   690   Piece   15246   Rotators					
15182   Current collection control supplies   Relay   27,220   Piece   15183   Current collection control supplies   Relay box   4   Piece   15184   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Contactless relay   70   Piece   15187   Current collection control supplies   Railcar information management system   3,500   Piece   15187   Current collection control supplies   Railcar information management system   3,500   Piece   15187   Current collection control supplies   Current collection c					
15183   Current collection control supplies   Relay box   4   Piece   15184   Current collection control supplies   Relay disk   30   Piece   15185   Current collection control supplies   Railagar information management system   3,500   Piece   15187   Current collection control supplies   Railagar information management system   3,500   Piece   15188   Current collection control supplies   Railagar information provision equipment   4,090   Set   15191   Current collection control supplies   Current collection control supplies   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Other current collection control supplies   29,840   Piece   15202   Rotators   Fan   1,480   Piece   15203   Rotators   Fan   1,480   Piece   15204   Rotators   Turbine generator   5   Piece   15205   Rotators   Generator   250   Piece   15205   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Auxiliary motor   10   Piece   15209   Rotators   Motor generator   720   Piece   15219   Rotators   Motor generator   1   Piece   15219   Rotators   Carbon broats   117,620   Piece   15212   Rotators   Carbon broath   1,290   Piece   15228   Rotators   Rotator parts   117,620   Piece   15228   Rotators   Carbon broath   31,870   Piece   15238   Rotators   Carbon broath   31,870   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15240   Rot					
15184 Current collection control supplies   Relay disk   30 Piece   15185 Current collection control supplies   Contactless relay   70 Piece   15187 Current collection control supplies   Railcar information management system   3,500 Piece   15188   Current collection control supplies   Information provision equipment   4,090 Set   15191   Current collection control supplies   Current collection control supplies   Current collection control supplies   Current collection control parts   240,530 Piece   15199   Current collection control supplies   Platform door device   1,550 Set   15199   Current collection control supplies   Other current collection control supplies   29,840 Piece   15202   Rotators   Ventilating fan   670 Piece   15203   Rotators   Ventilating fan   670 Piece   15203   Rotators   Turbine generator   5 Piece   15204   Rotators   Turbine generator   5 Piece   15205   Rotators   Generator   250 Piece   15205   Rotators   Generator   250 Piece   15207   Rotators   Auxiliary motor   10 Piece   15208   Rotators   Traction motor   720 Piece   15209   Rotators   Motor generator   1 Piece   15212   Rotators   Electric fan   1 Piece   15212   Rotators   Electric fan   1 Piece   15212   Rotators   Rotators   Rotator parts   117,620 Piece   15222   Rotators   Rotators   Rotator parts   117,620 Piece   15223   Rotators   Generator parts   117,620 Piece   15238   Rotators   Generator parts   690 Piece   15240   Rotators   690 Pi					
15185   Current collection control supplies   Contactless relay   70   Piece   15187   Current collection control supplies   Railcar information management system   3,500   Piece   15188   Current collection control supplies   Information provision equipment   4,090   Set   15191   Current collection control supplies   Current collection control supplies   Current collection control supplies   Current collection control parts   240,530   Piece   15196   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Other current collection control supplies   29,840   Piece   15202   Rotators   Ventilating fan   670   Piece   15203   Rotators   Fan   1,480   Piece   15204   Rotators   Turbine generator   5   Piece   15204   Rotators   Turbine generator   250   Piece   15207   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Traction motor   720   Piece   15218   Rotators   Traction motor   720   Piece   15219   Rotators   Electric fan   1   Piece   15219   Rotators   Electric fan   1   Piece   15219   Rotators   Rotator parts   117,620   Piece   15228   Rotators   Rotator parts   117,620   Piece   15238   Rotators   Generator parts   690   Piece   15238   Rotators   Generator parts   690   Piece   15238   Rotators   Generator parts   690   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15240   Rotators   Brush holder   1,570   Piece   15240   Rotators   Brush holder   1,570   Piece   15240   Rotators   Brush holder   1,570   Piece   15240   Rotators   Stationary induction apparatus, rectifiers   Auxiliary transformer   4   Set   15306   Stationary induction apparatus, rectifier   Auxiliary reactor   2   Unit   15325   Stationary induction apparatus, rectifier   Stationary induction apparatus, rectifier   100   Piece   15348   Stationary induction apparatus, rectifier   100   Piece   15348   Stationary induction apparatus, rectifier   100   Piece   15348   Stationary induction a					
15187   Current collection control supplies   Railcar information management system   3,500   Piece   15188   Current collection control supplies   Information provision equipment   4,090   Set   15191   Current collection control supplies   Current collection control supplies   240,530   Piece   15190   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Other current collection control supplies   29,840   Piece   15202   Rotators   Ventilating fan   670   Piece   15203   Rotators   Ventilating fan   1,480   Piece   15204   Rotators   Turbine generator   5   Piece   15205   Rotators   Turbine generator   250   Piece   15207   Rotators   Generator   250   Piece   15208   Rotators   Auxiliary motor   10   Piece   15209   Rotators   Traction motor   720   Piece   15209   Rotators   Motor generator   1   Piece   15212   Rotators   Electric fan   1   Piece   15212   Rotators   Electric fan   1   Piece   15212   Rotators   Electric fan   1   Piece   15228   Rotators   Axle generator supplies   1,240   Piece   15228   Rotators   Axle generator supplies   1,240   Piece   15237   Rotators   Carbon brush   31,870   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15240   Rotators   Stationary induction apparatus, rectifiers   Auxiliary transformer   40   Set   15300   Stationary induction apparatus, rectifier   Auxiliary reactor   2   Unit   15325   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus,   Stationary induction a			i		
15188 Current collection control supplies Information provision equipment 4,090 Set 15191 Current collection control supplies Current collection control parts 240,530 Piece 15196 Current collection control supplies Platform door device 1,550 Set 15199 Current collection control supplies Other current collection control supplies 29,840 Piece 15202 Rotators Ventilating fan 670 Piece 15203 Rotators Fan 1,480 Piece 15203 Rotators Turbine generator 5 Piece 15205 Rotators Generator 250 Piece 15207 Rotators Generator 250 Piece 15208 Rotators Traction motor 10 Piece 15208 Rotators Traction motor 720 Piece 15208 Rotators Motor generator 1 Piece 15212 Rotators Motor 15212 Rotators Electric fan 1 Piece 15218 Rotators Other rotator 1,290 Piece 15219 Rotators Other rotator 1,290 Piece 15228 Rotators Carbon brush 31,870 Piece 15228 Rotators Carbon brush 31,870 Piece 15238 Rotators Carbon brush 31,870 Piece 15238 Rotators Generator parts 690 Piece 15238 Rotators Deflecting plate 5,330 Piece 15243 Rotators Deflecting plate 5,330 Piece 15300 Rotators Stationary induction apparatus, rectifier Main transformer 4 Set 15306 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15308 Stationary induction apparatus, Rotation apparatus			•		
15191 Current collection control supplies   Current collection control parts   1,550   Piece   15196   Current collection control supplies   Platform door device   1,550   Set   15199   Current collection control supplies   Other current collection control supplies   29,840   Piece   15202   Rotators   Ventilating fan   670   Piece   15203   Rotators   Ventilating fan   1,480   Piece   15204   Rotators   Turbine generator   5   Piece   15205   Rotators   Turbine generator   250   Piece   15205   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Auxiliary motor   10   Piece   15209   Rotators   Auxiliary motor   720   Piece   15209   Rotators   Motor generator   1   Piece   15209   Rotators   Motor generator   1   Piece   15212   Rotators   Carbon brush   15222   Rotators   Carbon brush   17,620   Piece   15223   Rotators   Axle generator supplies   1,240   Piece   15224   Rotators   Axle generator parts   117,620   Piece   15237   Rotators   Generator parts   660   Piece   15240   Rotators   Generator parts   660   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15243   Rotators   Deflecting plate   5,330   Piece   15243   Rotators   Brush holder   1,570   Piece   15303   Stationary induction apparatus, rectifiers   Auxiliary transformer   4   Set   15304   Stationary induction apparatus, rectifier   Auxiliary reactor   2   Unit   15325   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   100   Piece   15328   Statio					
15196   Current collection control supplies   Platform door device   1,550   Set	15188	Current collection control supplies	Information provision equipment		
15199   Current collection control supplies   29,840   Piece   15202   Rotators   Ventilating fan   670   Piece   15203   Rotators   Fan   1,480   Piece   15204   Rotators   Fan   1,480   Piece   15205   Rotators   Turbine generator   5   Piece   15205   Rotators   Generator   250   Piece   15207   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Traction motor   720   Piece   15208   Rotators   Motor generator   1   Piece   15209   Rotators   Motor generator   1   Piece   15209   Rotators   Electric fan   1   Piece   15219   Rotators   Clettric fan   1   Piece   15219   Rotators   Clettric fan   1   Piece   15220   Rotators   Rotator parts   117,620   Piece   15222   Rotators   Rotator parts   117,620   Piece   15228   Rotators   Rotator parts   117,620   Piece   15238   Rotators   Carbon brush   31,870   Piece   15238   Rotators   Carbon brush   31,870   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15243   Rotators   Deflecting plate   5,330   Piece   15243   Rotators   Deflecting plate   5,330   Piece   15302   Stationary induction apparatus, rectifiers   Main transformer   4   Set   15304   Stationary induction apparatus, rectifier   Auxiliary transformer   2   Unit   15325   Stationary induction apparatus, rectifier   Auxiliary reactor   2   Unit   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15328   Stationary induction apparatus, rectifier   15328   Stationary ind		• • • • • • • • • • • • • • • • • • • •	·		
15202         Rotators         Fan         1,480 Piece           15203         Rotators         Fan         1,480 Piece           15204         Rotators         Turbine generator         5 Piece           15205         Rotators         Generator         250 Piece           15207         Rotators         Auxiliary motor         10 Piece           15208         Rotators         Traction motor         720 Piece           15209         Rotators         Motor generator         1 Piece           15212         Rotators         Electric fan         1 Piece           15212         Rotators         Other rotator         1,290 Piece           15212         Rotators         Rotator parts         117,620 Piece           15222         Rotators         Rotator parts         117,620 Piece           15228         Rotators         Axle generator supplies         1,240 Piece           15237         Rotators         Carbon brush         31,870 Piece           15238         Rotators         Generator parts         690 Piece           15240         Rotators         Brush holder         1,570 Piece           15302         Stationary induction apparatus, rectifier plate         3,330 Piece	15196	Current collection control supplies		1,550	Set
15203   Rotators   Fan   1,480   Piece   15204   Rotators   Turbine generator   5   Piece   15205   Rotators   Generator   2500   Piece   15207   Rotators   Auxiliary motor   10   Piece   15208   Rotators   Traction motor   720   Piece   15209   Rotators   Motor generator   1   Piece   15209   Rotators   Motor generator   1   Piece   15212   Rotators   Electric fan   1   Piece   15218   Rotators   Other rotator   1,290   Piece   15229   Rotators   Rotator parts   117,620   Piece   15228   Rotators   Rotator parts   117,620   Piece   15228   Rotators   Axle generator supplies   1,240   Piece   15237   Rotators   Carbon brush   31,870   Piece   15238   Rotators   Generator parts   690   Piece   15238   Rotators   Generator parts   690   Piece   15240   Rotators   Deflecting plate   5,330   Piece   15243   Rotators   Brush holder   1,570   Piece   15302   Stationary induction apparatus, rectifiers   Auxiliary transformer   4   Set   15304   Stationary induction apparatus, rectifier   Auxiliary transformer   2   Unit   15325   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15238   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15238   Stationary induction apparatus, rectifier   Selenium rectifier   100   Piece   15238   Stationary induction apparatus, rectifier   Selenium rectifier   15308   Stationary induction apparatus, rectifier   Selenium rectifier   15328   Stationary induction apparatus, rectifier   Selenium rectifier   15328   Stationary induction apparatus, rectifier   Selenium rectifier   15328   Stationary induction apparatus, rect	15199	Current collection control supplies	Other current collection control supplies	29,840	Piece
15204 Rotators         Turbine generator         5 Piece           15205 Rotators         Generator         250 Piece           15207 Rotators         Auxiliary motor         10 Piece           15208 Rotators         Traction motor         720 Piece           15209 Rotators         Motor generator         1 Piece           15212 Rotators         Electric fan         1 Piece           15219 Rotators         Other rotator         1,290 Piece           15222 Rotators         Rotator parts         117,620 Piece           15228 Rotators         Axle generator supplies         1,240 Piece           15237 Rotators         Carbon brush         31,870 Piece           15238 Rotators         Generator parts         690 Piece           15240 Rotators         Deflecting plate         5,330 Piece           15243 Rotators         Deflecting plate         5,330 Piece           15243 Rotators         Brush holder         1,570 Piece           15302 Stationary induction apparatus, rectifier         Auxiliary transformer         40 Set           15303 Stationary induction apparatus, rectifier         Auxiliary reactor         2 Unit           15306 Stationary induction apparatus, rectifier         Selenium rectifier         100 Piece           15328 Stationary induction app	15202	Rotators	Ventilating fan	670	Piece
15204 Rotators         Turbine generator         5 Piece           15205 Rotators         Generator         250 Piece           15207 Rotators         Auxiliary motor         10 Piece           15208 Rotators         Traction motor         720 Piece           15209 Rotators         Motor generator         1 Piece           15212 Rotators         Electric fan         1 Piece           15219 Rotators         Other rotator         1,290 Piece           15222 Rotators         Rotator parts         117,620 Piece           15228 Rotators         Axle generator supplies         1,240 Piece           15237 Rotators         Carbon brush         31,870 Piece           15238 Rotators         Generator parts         690 Piece           15240 Rotators         Deflecting plate         5,330 Piece           15243 Rotators         Brush holder         1,570 Piece           15302 Stationary induction apparatus, rectifier         Main transformer         40 Set           15303 Stationary induction apparatus, rectifier         Auxiliary transformer         2 Unit           15306 Stationary induction apparatus, rectifier         Selenium rectifier         100 Piece           15328 Stationary induction apparatus, rectifier         Selenium rectifier         100 Piece	15203	Rotators	Fan	1,480	Piece
15205         Rotators         Generator         250         Piece           15207         Rotators         Auxiliary motor         10         Piece           15208         Rotators         Traction motor         720         Piece           15209         Rotators         Motor generator         1         Piece           15212         Rotators         Electric fan         1         Piece           15219         Rotators         Other rotator         1,290         Piece           15222         Rotators         Other rotator         1,290         Piece           15228         Rotators         Rotator parts         117,620         Piece           15237         Rotators         Axle generator supplies         1,240         Piece           15238         Rotators         Generator parts         690         Piece           15240         Rotators         Generator parts         690         Piece           15243         Rotators         Brush holder         1,570         Piece           15302         Stationary induction apparatus, rectifier         Auxiliary transformer         4         Set           15304         Stationary induction apparatus, rectifier         Auxiliary reactor	15204	Rotators	Turbine generator		
15207 Rotators Auxiliary motor 10 Piece 15208 Rotators Traction motor 720 Piece 15209 Rotators Motor generator 1 Piece 15212 Rotators Electric fan 1 Piece 15213 Rotators Other rotator 1,290 Piece 15215 Rotators Rotators Rotator parts 117,620 Piece 15228 Rotators Axle generator supplies 1,240 Piece 15237 Rotators Carbon brush 31,870 Piece 15238 Rotators Generator parts 690 Piece 15238 Rotators Generator parts 690 Piece 15240 Rotators Deflecting plate 5,330 Piece 15243 Rotators Brush holder 1,570 Piece 15302 Stationary induction apparatus, rectifiers Main transformer 40 Set 15303 Stationary induction apparatus, rectifier Auxiliary transformer 2 Unit 15305 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece 15328 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece					
15208 Rotators         Traction motor         720 Piece           15209 Rotators         Motor generator         1 Piece           15212 Rotators         Electric fan         1 Piece           15219 Rotators         Other rotator         1,290 Piece           15222 Rotators         Rotator parts         117,620 Piece           15228 Rotators         Axle generator supplies         1,240 Piece           15237 Rotators         Carbon brush         31,870 Piece           15238 Rotators         Generator parts         690 Piece           15240 Rotators         Deflecting plate         5,330 Piece           15243 Rotators         Brush holder         1,570 Piece           15302 Stationary induction apparatus, rectifiers         Main transformer         40 Set           15303 Stationary induction apparatus, rectifier         Auxiliary transformer         4 Set           15304 Stationary induction apparatus, rectifier         Auxiliary reactor         2 Unit           15325 Stationary induction apparatus, rectifier         Selenium rectifier         100 Piece           15328 Stationary induction apparatus, rectifier         Set         280 Set					
15209 Rotators         Motor generator         1 Piece           15212 Rotators         Electric fan         1 Piece           15219 Rotators         Other rotator         1,290 Piece           15222 Rotators         Rotator parts         117,620 Piece           15228 Rotators         Axle generator supplies         1,240 Piece           15237 Rotators         Carbon brush         31,870 Piece           15238 Rotators         Generator parts         690 Piece           15240 Rotators         Deflecting plate         5,330 Piece           15243 Rotators         Brush holder         1,570 Piece           15302 Stationary induction apparatus, rectifiers         Main transformer         40 Set           15303 Stationary induction apparatus, rectifiers         Auxiliary transformer         4 Set           15304 Stationary induction apparatus, rectifier         Main smoothing reactor         110 Set           15305 Stationary induction apparatus, rectifier         Selenium rectifier         100 Piece           15328 Stationary induction apparatus, rectifier         Selenium rectifier         280 Set			i		
15212   Rotators   Electric fan   1   Piece					
15219RotatorsOther rotator1,290Piece15222RotatorsRotator parts117,620Piece15228RotatorsAxle generator supplies1,240Piece15237RotatorsCarbon brush31,870Piece15238RotatorsGenerator parts690Piece15240RotatorsDeflecting plate5,330Piece15243RotatorsBrush holder1,570Piece15302Stationary induction apparatus, rectifiersMain transformer40Set15303Stationary induction apparatus, rectifiersAuxiliary transformer4Set15304Stationary induction apparatus, rectifierMain smoothing reactor110Set15306Stationary induction apparatus, rectifierAuxiliary reactor2Unit15325Stationary induction apparatus, rectifierSelenium rectifier100Piece15328Stationary induction apparatus, Static converter280Set					
15222 RotatorsRotator parts117,620 Piece15228 RotatorsAxle generator supplies1,240 Piece15237 RotatorsCarbon brush31,870 Piece15238 RotatorsGenerator parts690 Piece15240 RotatorsDeflecting plate5,330 Piece15243 RotatorsBrush holder1,570 Piece15302 Stationary induction apparatus, rectifiersMain transformer40 Set15303 Stationary induction apparatus, rectifierAuxiliary transformer4 Set15304 Stationary induction apparatus, rectifierMain smoothing reactor110 Set15305 Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325 Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328 Stationary induction apparatus, Static converter280 Set					
15228 RotatorsAxle generator supplies1,240 Piece15237 RotatorsCarbon brush31,870 Piece15238 RotatorsGenerator parts690 Piece15240 RotatorsDeflecting plate5,330 Piece15243 RotatorsBrush holder1,570 Piece15302 Stationary induction apparatus, rectifiersMain transformer40 Set15303 Stationary induction apparatus, rectifiersAuxiliary transformer4 Set15304 Stationary induction apparatus, rectifierMain smoothing reactor110 Set15305 Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325 Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328 Stationary induction apparatus, Static converter280 Set					
15237 RotatorsCarbon brush31,870 Piece15238 RotatorsGenerator parts690 Piece15240 RotatorsDeflecting plate5,330 Piece15243 RotatorsBrush holder1,570 Piece15302 Stationary induction apparatus, rectifiersMain transformer40 Set15303 rectifiersAuxiliary transformer4 Set15304 Stationary induction apparatus, rectifierMain smoothing reactor110 Set15306 Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325 Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328 Stationary induction apparatus, rectifierStatio converter280 Set			·		
15238 RotatorsGenerator parts690 Piece15240 RotatorsDeflecting plate5,330 Piece15243 RotatorsBrush holder1,570 Piece15302 Stationary induction apparatus, rectifiersMain transformer40 Set15303 Stationary induction apparatus, rectifiersAuxiliary transformer4 Set15304 Stationary induction apparatus, rectifierMain smoothing reactor110 Set15306 Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325 Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328 Stationary induction apparatus, Static converter280 Set					
15240 RotatorsDeflecting plate5,330 Piece15243 RotatorsBrush holder1,570 Piece15302 Stationary induction apparatus, rectifiersMain transformer40 Set15303 Stationary induction apparatus, rectifiersAuxiliary transformer4 Set15304 Stationary induction apparatus, rectifierMain smoothing reactor110 Set15306 Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325 Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328 Stationary induction apparatus, Static converter280 Set					
15243 RotatorsBrush holder1,570 Piece15302 Stationary induction apparatus, rectifiersMain transformer40 Set15303 Stationary induction apparatus, rectifiersAuxiliary transformer4 Set15304 Stationary induction apparatus, rectifierMain smoothing reactor110 Set15306 Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325 Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328 Stationary induction apparatus, Static converter280 Set			·		
15302Stationary induction apparatus, rectifiersMain transformer40 Set15303Stationary induction apparatus, rectifiersAuxiliary transformer4 Set15304Stationary induction apparatus, rectifierMain smoothing reactor110 Set15306Stationary induction apparatus, rectifierAuxiliary reactor2 Unit15325Stationary induction apparatus, rectifierSelenium rectifier100 Piece15328Stationary induction apparatus, Static converter280 Set					
rectifiers  Stationary induction apparatus, rectifiers  Auxiliary transformer  4 Set  15304  Stationary induction apparatus, rectifiers  Main smoothing reactor  110 Set  15306 Stationary induction apparatus, rectifier Auxiliary reactor  2 Unit  15325 Stationary induction apparatus, rectifier Selenium rectifier  15328 Stationary induction apparatus, Static converter  280 Set	15243	Rotators	Brush holder	1,570	Piece
15303 rectifiers  Stationary induction apparatus, rectifier  Main smoothing reactor  15306 Stationary induction apparatus, rectifier Auxiliary reactor  2 Unit  15325 Stationary induction apparatus, rectifier Selenium rectifier  15328 Stationary induction apparatus, Static converter  280 Set	15302		Main transformer	40	Set
15304 rectifiers Main smoothing reactor 110 Set  15306 Stationary induction apparatus, rectifier Auxiliary reactor 2 Unit  15325 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece  15328 Stationary induction apparatus, Static converter 280 Set	15303		Auxiliary transformer	4	Set
15325 Stationary induction apparatus, rectifier Selenium rectifier 100 Piece  15328 Stationary induction apparatus, Static converter 280 Set	15304		Main smoothing reactor	110	Set
15328 Stationary induction apparatus, Static converter 280 Set	15306	Stationary induction apparatus, rectifier	Auxiliary reactor	2	Unit
	15325	Stationary induction apparatus, rectifier	Selenium rectifier	100	Piece
		Stationary induction apparatus,			C - 1

15404 Resistor, condenser   Resistor equipment   20 Pr			Г		
15402 Resistor, condenser	5339 Sta	tationary induction apparatus, rectifier	Other rectifier	100	Piece
15402 Resistor, condenser	5401 Res	esistor. condenser	Condenser	370	Piece
15400   Resistor, condenser					
1540B Resistor, condenser   Resistor equipment   20 Pr		,	·		Piece
15503   Lighting supplies   Fluorascent lighting   10.450			Resistor equipment	20	Piece
15504 Lighting supplies			Resistor parts		
15505   Lighting supplies   Lightbulb   6,980   7	5503 Lig	ghting supplies	Indoor lighting	10,450	Piece
15506 Lighting supplies	5504 Lig	ghting supplies	Fluorescent lighting	210	Piece
15507   Lighting supplies   Lighting for signs   280 P	5505 Lig	ghting supplies	Lightbulb	6,980	Piece
15512   Lighting supplies   Lighting for signs   230   P	5506 Lig	ghting supplies	Bulb socket	460	Piece
15513 Lighting supplies   Lighting for indicator   930 P    15514 Lighting supplies   Blinking device   2 P    15515 Lighting supplies   Train destination signs   10 P    15517 Lighting supplies   Train destination signs   10 P    15517 Lighting supplies   Display   470 P    15518 Lighting supplies   Display   470 P    15519 Lighting supplies   Display   470 P    15599 Lighting supplies   Display   470 P    15590 General electric supplies   Low voltage switch   5,840 P    15601 General electric supplies   Insulator   330 P    15612 General electric supplies   High voltage insulation paste   30 P    15612 General electric supplies   High voltage fuse   400 P    15621 General electric supplies   High voltage fuse   400 P    15631 General electric supplies   Low voltage fuse   400 P    15632 General electric supplies   Low voltage fuse   90 P    15633 General electric supplies   Jumper coupler   40 P    15643 General electric supplies   Crimp terminal   9,970 P    15644 General electric supplies   Crimp terminal   9,970 P    15645 General electric supplies   Terminal block   230 P    15646 General electric supplies   Connector   11,020 P    15647 General electric supplies   Common electric parts   261,160 P    15653 General electric supplies   Devroltage connector box   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General electric supplies   Devroltage connector   10 Se Common electric parts   261,160 P    15663 General	5507 Lig	ghting supplies		8,810	Piece
15514 Lighting supplies					
15515 Lighting supplies			i		
15516   Lighting supplies					Piece
15517   Lighting supplies			i		Piece
15518   Lighting supplies			<u> </u>		
15599   Lighting supplies   Low voltage switch   5,840 Pi			i		
15602   General electric supplies   Low voltage switch   5,840   Pi					
15611   General electric supplies   Insulator   330   Pi     15621   General electric supplies   High voltage insulation paste   400   Pi     15623   General electric supplies   Low voltage fuse   90   Pi     15631   General electric supplies   Low voltage fuse   90   Pi     15631   General electric supplies   Competer   400   Pi     15631   General electric supplies   Crimp terminal   9,970   Pi     15642   General electric supplies   Connector   11,020   Pi     15645   General electric supplies   Connector   11,020   Pi     15646   General electric supplies   Connector   11,020   Pi     15647   General electric supplies   Common electric parts   261,160   Pi     15658   General electric supplies   Common electric parts   261,160   Pi     15659   General electric supplies   Buzzer   150   Pi     15650   General electric supplies   Magnet valve   9,530   Pi     15662   General electric supplies   Platform monitoring system   460   Se     15670   General electric supplies   Platform monitoring system   460   Se     15670   General electric supplies   Train security device   5,750   Se     15690   General electric supplies   Other general electric supplies   15,800   Pi     16001   Brake supplies for railcars   Pressure regulating valve   40   Pi     16002   Brake supplies for railcars   Pressure regulating valve   40   Pi     16003   Brake supplies for railcars   Anti-skid valve   590   Pi     16004   Brake supplies for railcars   Check valve   590   Pi     16005   Brake supplies for railcars   Check valve   590   Pi     16006   Brake supplies for railcars   Check valve   590   Pi     16007   Brake supplies for railcars   Check valve   590   Pi     16008   Brake supplies for railcars   Check valve   590   Pi     16009   Brake supplies for railcars   Check valve   590   Pi     16001   Brake supplies for railcars   Check valve   590   Pi     16002   Brake supplies for railcars   Check valve   590   Pi     16003   Brake supplies for railcars   Check valve   590   Pi     16004   Brake supplies for railcars   Brake					
15612   General electric supplies					
15621 General electric supplies					
15623   General electric supplies   Low voltage fuse   90   P			i		
15631   General electric supplies		• • • • • • • • • • • • • • • • • • • •	5		
15641 General electric supplies			i		
15642   General electric supplies   Connector   11,020   Pi   15645   General electric supplies   Terminal block   230   Pi   15646   General electric supplies   Low-voltage connector box   10   Step   15647   General electric supplies   Common electric parts   261,160   Pi   15653   General electric supplies   Buzzer   150   Pi   15655   General electric supplies   Magnet valve   9,530   Pi   15662   General electric supplies   Announcement equipment   2,270   Step   15667   General electric supplies   Platform monitoring system   460   Step   15667   General electric supplies   Train security device   5,750   Step   15669   General electric supplies   Other general electric supplies   15,800   Pi   15601   Brake supplies for railcars   Pressure regulating valve   40   Pi   16002   Brake supplies for railcars   Safety valve   170   Pi   16003   Brake supplies for railcars   Anti-skid valve   590   Pi   16004   Brake supplies for railcars   Anti-skid valve   590   Pi   16005   Brake supplies for railcars   Pneumatic pressure switch   80   Pi   16008   Brake supplies for railcars   Check valve   500   Pi   16009   Brake supplies for railcars   Check valve   500   Pi   16001   Brake supplies for railcars   Check valve   500   Pi   16002   Brake supplies for railcars   Check valve   500   Pi   16003   Brake supplies for railcars   Check valve   500   Pi   16004   Brake supplies for railcars   Check valve   500   Pi   16005   Brake supplies for railcars   Check valve   500   Pi   16006   Brake supplies for railcars   Check valve   500   Pi   16007   Brake supplies for railcars   Check valve   500   Pi   16008   Brake supplies for railcars   Check valve   500   Pi   16009   Brake supplies for railcars   Check valve   500   Pi   16001   Brake supplies for railcars   Check valve   500   Pi   16002   Brake supplies for railcars   Check valve   500   Pi   16003   Brake supplies for railcars   Check valve   500   Pi   16004   Brake supplies for railcars   Check valve   500   Pi   16005   Brake supplies for railcars   C					
15645   General electric supplies   Low-voltage connector box   10 Se					
15646   General electric supplies   Low-voltage connector box   10   Set					
15647   General electric supplies   Buzzer   150   Pi   15653   General electric supplies   Buzzer   150   Pi   15655   General electric supplies   Magnet valve   9,530   Pi   15656   General electric supplies   Announcement equipment   2,270   St   15667   General electric supplies   Platform monitoring system   460   St   15670   General electric supplies   Prain security device   5,750   St   15670   General electric supplies   Train security device   5,750   St   15670   General electric supplies   Other general electric supplies   15,800   Pi   16001   Brake supplies for railcars   Pressure regulating valve   40   Pi   16002   Brake supplies for railcars   Safety valve   170   Pi   16003   Brake supplies for railcars   Anti-skid valve   590   Pi   16004   Brake supplies for railcars   Pneumatic pressure switch   80   Pi   16006   Brake supplies for railcars   Automatic slack adjuster   30   Pi   16007   Brake supplies for railcars   Automatic slack adjuster   30   Pi   16018   Brake supplies for railcars   Compressor   160   Sc   16019   Brake supplies for railcars   Magnet supply and discharge valve   8   Pi   16021   Brake supplies for railcars   Drain valve   30   Pi   16025   Brake supplies for railcars   Brake cock   470   Pi   16026   Brake supplies for railcars   Brake cock   470   Pi   16027   Brake supplies for railcars   Brake cock   470   Pi   16028   Brake supplies for railcars   Brake cock   470   Pi   16029   Brake supplies for railcars   Brake cock   470   Pi   16020   Brake supplies for railcars   Brake cock   470   Pi   16021   Brake supplies for railcars   Brake cock   470   Pi   16022   Brake supplies for railcars   Brake cock   470   Pi   16023   Brake supplies for railcars   Brake cock   470   Pi   16024   Brake supplies for railcars   Brake cock   470   Pi   16025   Brake supplies for railcars   Brake cock   470   Pi   16026   Brake supplies for railcars   Brake cock   470   Pi   16027   Brake supplies for railcars   Brake parts   191,790   Pi   16029   Brake supplies for railcars					
15653 General electric supplies Magnet valve 9,530 pt 15655 General electric supplies Magnet valve 9,530 pt 15662 General electric supplies Announcement equipment 2,270 Sc 15667 General electric supplies Platform monitoring system 460 Sc 15670 General electric supplies Train security device 5,750 Sc 15699 General electric supplies Other general electric supplies 15,800 pt 16001 Brake supplies for railcars Pressure regulating valve 40 pt 16002 Brake supplies for railcars Anti-skid valve 590 pt 16001 Brake supplies for railcars Anti-skid valve 590 pt 16004 Brake supplies for railcars Pneumatic pressure switch 80 pt 16009 Brake supplies for railcars Oheck valve 500 pt 16009 Brake supplies for railcars Oheck valve 500 pt 16009 Brake supplies for railcars Automatic slack adjuster 3 pt 16012 Brake supplies for railcars Automatic slack adjuster 3 pt 16012 Brake supplies for railcars Automatic slack adjuster 3 pt 16012 Brake supplies for railcars Compressor 160 Sc 16013 Brake supplies for railcars Strainer 30 pt 16021 Brake supplies for railcars Brake cock 470 pt 16024 Brake supplies for railcars Brake cock 470 pt 16025 Brake supplies for railcars Brake cock 470 pt 16026 Brake supplies for railcars Brake cock 470 pt 16026 Brake supplies for railcars Brake coth device 11410 Sc 16041 Brake supplies for railcars Brake copinder 2,670 pt 16026 Brake supplies for railcars Brake coth device 11410 Sc 16041 Brake supplies for railcars Brake control device 11410 Sc 16041 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars Brake control device 11410 Sc 16040 Brake supplies for railcars 16160 Brake supplies for rai					
15655 General electric supplies Announcement equipment 2,270 Se 15667 General electric supplies Announcement equipment 2,270 Se 15667 General electric supplies Platform monitoring system 460 Se 15670 General electric supplies Train security device 5,750 Se 15699 General electric supplies Other general electric supplies 15,800 Pi 16001 Brake supplies for railcars Pressure regulating valve 40 Pi 16002 Brake supplies for railcars Safety valve 170 Pi 16003 Brake supplies for railcars Anti-skid valve 590 Pi 16004 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16006 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16009 Brake supplies for railcars Check valve 500 Pi 16001 Brake supplies for railcars Automatic slack adjuster 3 Pi 16012 Brake supplies for railcars Compressor 160 Se 160 S			·		
15662 General electric supplies Announcement equipment 2,270 Set 15667 General electric supplies Platform monitoring system 460 Set 15670 General electric supplies Train security device 5,750 Set 15699 General electric supplies Other general electric supplies 15,800 Pi 16001 Brake supplies for railcars Pressure regulating valve 40 Pi 16002 Brake supplies for railcars Anti-skid valve 590 Pi 16003 Brake supplies for railcars Anti-skid valve 590 Pi 16004 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16004 Brake supplies for railcars Check valve 500 Pi 16009 Brake supplies for railcars Automatic slack adjuster 3 Pi 16012 Brake supplies for railcars Compressor 16013 Brake supplies for railcars Compressor 16013 Brake supplies for railcars Strainer 30 Pi 16013 Brake supplies for railcars Magnet supply and discharge valve 8 Pi 16021 Brake supplies for railcars Brake cock 470 Pi 16025 Brake supplies for railcars Brake cock 470 Pi 16025 Brake supplies for railcars Brake control device 1,410 Set 16014 Brake supplies for railcars Brake control device 1,410 Set 16014 Brake supplies for railcars Brake control device 1,410 Set 16014 Brake supplies for railcars Brake control device 1,410 Set 16015 Brake supplies for railcars Brake control device 1,410 Set 16016 Brake supplies for railcars Brake control device 1,410 Set 16017 Brake supplies for railcars Straight air reserve brake 200 Set 16019 Brake supplies for railcars Straight air reserve brake 200 Set 16019 Brake supplies for railcars Straight air reserve brake 200 Set 16010 Brake supplies for railcars Straight air reserve brake 200 Set 17104 Carbody, power supplies Curtain winding drum 20 Pi 17101 Carbody, power supplies Curtain winding drum 20 Pi 17102 Carbody, power supplies Curtain winding drum 20 Pi 17103 Carbody, power supplies Curtain device 2,660 Pi 17108 Carbody, power supplies Curtain device 2,660 Pi 17109 Carbody, power supplies Curtain device 2,660 Pi 17109 Carbody, power supplies Curtain device 2,660 Pi 17101 Carbody, power supplies Curtain device					
15667 General electric supplies Platform monitoring system 460 Set 15670 General electric supplies Train security device 5.750 Set 15699 General electric supplies Other general electric supplies 15,800 Pi 16001 Brake supplies for railcars Pressure regulating valve 40 Pi 16002 Brake supplies for railcars Safety valve 170 Pi 16003 Brake supplies for railcars Anti-skid valve 590 Pi 16004 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16004 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16006 Brake supplies for railcars Check valve 550 Pi 16009 Brake supplies for railcars Automatic slack adjuster 3 Pi 16012 Brake supplies for railcars Compressor 160 Set 16013 Brake supplies for railcars Strainer 30 Pi 16018 Brake supplies for railcars Magnet supply and discharge valve 8 Pi 16021 Brake supplies for railcars Drain valve 8 Pi 16024 Brake supplies for railcars Brake cock 470 Pi 16025 Brake supplies for railcars Brake cock 470 Pi 16026 Brake supplies for railcars Brake cordinater 2,670 Pi 16026 Brake supplies for railcars Brake control device 1,1410 Set 16041 Brake supplies for railcars Brake control device 1,1410 Set 16071 Brake supplies for railcars Brake control device 1,1410 Set 16071 Brake supplies for railcars Brake control device 1,1410 Set 16071 Brake supplies for railcars Brake control device 1,1410 Set 16071 Brake supplies for railcars Brake control device 1,1410 Set 16071 Brake supplies for railcars Brake control device 1,1410 Set 16071 Brake supplies for railcars Straight air reserve brake 200 Set 16099 Brake supplies for railcars Curtain winding drum 20 Pi 17102 Carbody, power supplies Curtain winding drum 20 Pi 17103 Carbody, power supplies Curtain winding drum 20 Pi 17104 Carbody, power supplies Curtain device 2,660 Pi 17108 Carbody, power supplies Curtain device 2,660 Pi 17108 Carbody, power supplies Drinking water tank 2 Pi 17101 Carbody, power supplies Curtain device 2,660 Pi 17102 Carbody, power supplies Curtain device 2,660 Pi 17102 Carbody, power supplies Curtain device 2,6					
15670 General electric supplies Train security device 5,750 Se 15699 General electric supplies Other general electric supplies 15,800 Pi 16001 Brake supplies for railcars Pressure regulating valve 40 Pi 16002 Brake supplies for railcars Anti-skid valve 590 Pi 16003 Brake supplies for railcars Anti-skid valve 590 Pi 16004 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16006 Brake supplies for railcars Check valve 500 Pi 16009 Brake supplies for railcars Automatic slack adjuster 3 Pi 16012 Brake supplies for railcars Compressor 160 Se 16013 Brake supplies for railcars Strainer 30 Pi 16013 Brake supplies for railcars Strainer 30 Pi 16019 Brake supplies for railcars Magnet supply and discharge valve 8 Pi 16021 Brake supplies for railcars Drain valve 3 Pi 16024 Brake supplies for railcars Brake cock 470 Pi 16025 Brake supplies for railcars Brake cock 470 Pi 16026 Brake supplies for railcars Brake cortrol device 1,410 Se 16041 Brake supplies for railcars Brake control device 1,410 Se 16071 Brake supplies for railcars Brake parts 191,790 Pi 16072 Brake supplies for railcars Brake parts 191,790 Pi 16073 Brake supplies for railcars Brake parts 191,790 Pi 16074 Brake supplies for railcars Brake parts 191,790 Pi 17101 Carbody, power supplies Curtain winding drum 20 Pi 17102 Carbody, power supplies Carbody parts 99,550 Pi 17103 Carbody, power supplies Carbody parts 99,550 Pi 17104 Carbody, power supplies Carbody parts 99,550 Pi 17107 Carbody, power supplies Drinking water tank 2 Pi 17110 Carbody, power supplies Drinking water tank 2 Pi 17111 Carbody, power supplies Drinking water tank 2 Pi 17111 Carbody, power supplies Carbody power supplies Drinking water tank 2 Pi 17111 Carbody, power supplies Rotary window 2 Pi 17112 Carbody, power supplies Rotary window 2 Pi 17112 Carbody, power supplies Rotary window 2 Pi					
15699 General electric supplies Other general electric supplies 15,800 Pi 16001 Brake supplies for railcars Pressure regulating valve 40 Pi 16002 Brake supplies for railcars Safety valve 170 Pi 16003 Brake supplies for railcars Anti-skid valve 590 Pi 16004 Brake supplies for railcars Pneumatic pressure switch 80 Pi 16006 Brake supplies for railcars Check valve 500 Pi 16009 Brake supplies for railcars Check valve 500 Pi 16009 Brake supplies for railcars Compressor 160 Sc 16012 Brake supplies for railcars Compressor 160 Sc 16013 Brake supplies for railcars Strainer 30 Pi 16013 Brake supplies for railcars Magnet supply and discharge valve 8 Pi 16021 Brake supplies for railcars Drain valve 3 Pi 16024 Brake supplies for railcars Brake cock 470 Pi 16025 Brake supplies for railcars Brake cock 470 Pi 16026 Brake supplies for railcars Brake coltrol device 1,410 Sc 16041 Brake supplies for railcars Brake control device 1,410 Sc 16041 Brake supplies for railcars Brake parts 16041 Brake supplies for railcars Brake parts 16041 Brake supplies for railcars Brake parts 16072 Brake supplies for railcars Brake parts 16073 Brake supplies for railcars Straight air reserve brake 200 Sc 16072 Brake supplies for railcars Prake parts 17101 Carbody, power supplies Curtain winding drum 20 Pi 17102 Carbody, power supplies Carbody parts 99,550 Pi 17104 Carbody, power supplies Carbody parts 99,550 Pi 17107 Carbody, power supplies Carbody parts 99,550 Pi 17107 Carbody, power supplies Drinking water tank 2 Pi 17108 Carbody, power supplies Drinking water tank 2 Pi 17101 Carbody, power supplies Drinking water tank 2 Pi 17112 Carbody, power supplies Carbody parts 99,550 Pi 17110 Carbody, power supplies Carbody parts 99,550 Pi 17111 Carbody, power supplies Carbody parts 99,550 Pi 17111 Carbody, power supplies Carbody, power supplies Carbody, power supplies Point Rotary binding drum 2 Pi					
16001 Brake supplies for railcars   Pressure regulating valve   170 Pi					
16003 Brake supplies for railcars			i	40	Piece
16004 Brake supplies for railcars   Pneumatic pressure switch   80 Pi			Safety valve		
16006 Brake supplies for railcars   Check valve   500 Pi	6003 Bra	rake supplies for railcars	Anti-skid valve	590	Piece
16009 Brake supplies for railcars	6004 Bra	rake supplies for railcars	Pneumatic pressure switch	80	Piece
16012Brake supplies for railcarsCompressor160 Se16013Brake supplies for railcarsStrainer30 Pi16019Brake supplies for railcarsMagnet supply and discharge valve8 Pi16021Brake supplies for railcarsDrain valve3 Pi16024Brake supplies for railcarsBrake cock470 Pi16025Brake supplies for railcarsBrake cylinder2,670 Pi16026Brake supplies for railcarsBrake control device1,410 Se16041Brake supplies for railcarsBrake parts191,790 Pi16071Brake supplies for railcarsStraight air reserve brake200 Se16072Brake supplies for railcarsrelief brake30 Se16099Brake supplies for railcarsrelief brake30 Se16099Brake supplies for railcarsOther brake supplies146,040 Pi17101Carbody, power suppliesCurtain winding drum20 Pi17102Carbody, power suppliesAirtight device for glass door2 Pi17103Carbody, power suppliesSeat cushioning240 Se17104Carbody, power suppliesCarbody parts99,550 Pi17107Carbody, power suppliesCurtain device2,660 Pi17108Carbody, power suppliesDrinking water tank2 Pi17109Carbody, power suppliesDrinking water tank2 Pi17111Carbody, power suppliesRotary window2 Pi	6006 Bra	rake supplies for railcars	Check valve	500	Piece
16013 Brake supplies for railcars  16019 Brake supplies for railcars  16021 Brake supplies for railcars  16024 Brake supplies for railcars  16025 Brake supplies for railcars  16026 Brake supplies for railcars  16027 Brake supplies for railcars  16028 Brake supplies for railcars  16029 Brake supplies for railcars  16020 Brake supplies for railcars  16021 Brake supplies for railcars  16022 Brake supplies for railcars  16031 Brake supplies for railcars  16041 Brake supplies for railcars  16051 Brake supplies for railcars  16072 Brake supplies for railcars  16073 Brake supplies for railcars  16074 Brake supplies for railcars  16075 Brake supplies for railcars  16076 Brake supplies for railcars  16077 Brake supplies for railcars  16078 Brake supplies for railcars  16099 Brake supplies for railcars  16099 Brake supplies for railcars  17101 Carbody, power supplies  17102 Carbody, power supplies  17103 Carbody, power supplies  17104 Carbody, power supplies  17105 Carbody, power supplies  17107 Carbody, power supplies  17108 Carbody, power supplies  17109 Carbody, power supplies  17109 Carbody, power supplies  17109 Carbody, power supplies  17110 Carbody, power supplies  17111 Carbody, power supplies  17112 Carbody, power supplies	6009 Bra	rake supplies for railcars	Automatic slack adjuster	3	Piece
16019 Brake supplies for railcars   Magnet supply and discharge valve   3 Pi			Compressor		
16021 Brake supplies for railcars  Drain valve  Brake cock  470 Pi 16025 Brake supplies for railcars  Brake cylinder  2,670 Pi 16026 Brake supplies for railcars  Brake control device  1,410 Se 16041 Brake supplies for railcars  Brake parts  191,790 Pi 16071 Brake supplies for railcars  Straight air reserve brake  200 Se 16072 Brake supplies for railcars  relief brake  16099 Brake supplies for railcars  Other brake supplies  146,040 Pi 17101 Carbody, power supplies  Curtain winding drum  20 Pi 17102 Carbody, power supplies  Airtight device for glass door  2 Pi 17104 Carbody, power supplies  Carbody parts  99,550 Pi 17107 Carbody, power supplies  Curtain device  Curtain device  2,660 Pi 17108 Carbody, power supplies  Drinking water tank  2 Pi 17109 Carbody, power supplies  Glass fiber  3 M 17111 Carbody, power supplies  Rotary window  2 Pi 17112 Carbody, power supplies  Rotary window					Piece
16024Brake supplies for railcarsBrake cock470 Pi16025Brake supplies for railcarsBrake cylinder2,670 Pi16026Brake supplies for railcarsBrake control device1,410 Se16041Brake supplies for railcarsBrake parts191,790 Pi16071Brake supplies for railcarsStraight air reserve brake200 Se16072Brake supplies for railcarsrelief brake30 Se16099Brake supplies for railcarsOther brake supplies146,040 Pi17101Carbody, power suppliesCurtain winding drum20 Pi17102Carbody, power suppliesAirtight device for glass door2 Pi17103Carbody, power suppliesSeat cushioning240 Se17104Carbody, power suppliesCarbody parts99,550 Pi17107Carbody, power suppliesCurtain device2,660 Pi17108Carbody, power suppliesDrinking water tank2 Pi17109Carbody, power suppliesGlass fiber3 M17111Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesRotary window2 Pi					Piece
16025Brake supplies for railcarsBrake cylinder2,670Pi16026Brake supplies for railcarsBrake control device1,410Se16041Brake supplies for railcarsBrake parts191,790Pi16071Brake supplies for railcarsStraight air reserve brake200Se16072Brake supplies for railcarsrelief brake30Se16099Brake supplies for railcarsOther brake supplies146,040Pi17101Carbody, power suppliesCurtain winding drum20Pi17102Carbody, power suppliesAirtight device for glass door2Pi17103Carbody, power suppliesSeat cushioning240Se17104Carbody, power suppliesCarbody parts99,550Pi17107Carbody, power suppliesCurtain device2,660Pi17108Carbody, power suppliesDrinking water tank2Pi17110Carbody, power suppliesGlass fiber3M17111Carbody, power suppliesSeat36,330Pi17112Carbody, power suppliesRotary window2Pi					Piece
16026Brake supplies for railcarsBrake control device1,410 Se16041Brake supplies for railcarsBrake parts191,790 Pi16071Brake supplies for railcarsStraight air reserve brake200 Se16072Brake supplies for railcarsrelief brake30 Se16099Brake supplies for railcarsOther brake supplies146,040 Pi17101Carbody, power suppliesCurtain winding drum20 Pi17102Carbody, power suppliesAirtight device for glass door2 Pi17103Carbody, power suppliesSeat cushioning240 Se17104Carbody, power suppliesCarbody parts99,550 Pi17107Carbody, power suppliesCurtain device2,660 Pi17108Carbody, power suppliesDrinking water tank2 Pi17109Carbody, power suppliesGlass fiber3 M17111Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesRotary window2 Pi			i		
16041Brake supplies for railcarsBrake parts191,790 Pi16071Brake supplies for railcarsStraight air reserve brake200 Se16072Brake supplies for railcarsrelief brake30 Se16099Brake supplies for railcarsOther brake supplies146,040 Pi17101Carbody, power suppliesCurtain winding drum20 Pi17102Carbody, power suppliesAirtight device for glass door2 Pi17103Carbody, power suppliesSeat cushioning240 Se17104Carbody, power suppliesCarbody parts99,550 Pi17107Carbody, power suppliesCurtain device2,660 Pi17108Carbody, power suppliesDrinking water tank2 Pi17109Carbody, power suppliesGlass fiber3 M17111Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesRotary window2 Pi					
16071Brake supplies for railcarsStraight air reserve brake200 Set16072Brake supplies for railcarsrelief brake30 Set16099Brake supplies for railcarsOther brake supplies146,040 Pi17101Carbody, power suppliesCurtain winding drum20 Pi17102Carbody, power suppliesAirtight device for glass door2 Pi17103Carbody, power suppliesSeat cushioning240 Set17104Carbody, power suppliesCarbody parts99,550 Pi17107Carbody, power suppliesCurtain device2,660 Pi17108Carbody, power suppliesDrinking water tank2 Pi17110Carbody, power suppliesGlass fiber3 M17111Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesRotary window2 Pi					
16072Brake supplies for railcarsrelief brake30 Se16099Brake supplies for railcarsOther brake supplies146,040 Pi17101Carbody, power suppliesCurtain winding drum20 Pi17102Carbody, power suppliesAirtight device for glass door2 Pi17103Carbody, power suppliesSeat cushioning240 Se17104Carbody, power suppliesCarbody parts99,550 Pi17107Carbody, power suppliesCurtain device2,660 Pi17108Carbody, power suppliesDrinking water tank2 Pi17109Carbody, power suppliesGlass fiber3 M17111Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesRotary window2 Pi					
16099 Brake supplies for railcarsOther brake supplies146,040 Pi17101 Carbody, power suppliesCurtain winding drum20 Pi17102 Carbody, power suppliesAirtight device for glass door2 Pi17103 Carbody, power suppliesSeat cushioning240 Se17104 Carbody, power suppliesCarbody parts99,550 Pi17107 Carbody, power suppliesCurtain device2,660 Pi17108 Carbody, power suppliesDrinking water tank2 Pi17109 Carbody, power suppliesGlass fiber3 M17111 Carbody, power suppliesSeat36,330 Pi17112 Carbody, power suppliesRotary window2 Pi			· · · · · · · · · · · · · · · · · · ·		
17101 Carbody, power suppliesCurtain winding drum20 Pi17102 Carbody, power suppliesAirtight device for glass door2 Pi17103 Carbody, power suppliesSeat cushioning240 Se17104 Carbody, power suppliesCarbody parts99,550 Pi17107 Carbody, power suppliesCurtain device2,660 Pi17108 Carbody, power suppliesDrinking water tank2 Pi17109 Carbody, power suppliesGlass fiber3 M17111 Carbody, power suppliesSeat36,330 Pi17112 Carbody, power suppliesRotary window2 Pi			·		
17102 Carbody, power suppliesAirtight device for glass door2 Pi17103 Carbody, power suppliesSeat cushioning240 Se17104 Carbody, power suppliesCarbody parts99,550 Pi17107 Carbody, power suppliesCurtain device2,660 Pi17108 Carbody, power suppliesDrinking water tank2 Pi17109 Carbody, power suppliesGlass fiber3 M17111 Carbody, power suppliesSeat36,330 Pi17112 Carbody, power suppliesRotary window2 Pi					
17103 Carbody, power suppliesSeat cushioning240 Seat Cushioning17104 Carbody, power suppliesCarbody parts99,550 Pi17107 Carbody, power suppliesCurtain device2,660 Pi17108 Carbody, power suppliesDrinking water tank2 Pi17109 Carbody, power suppliesGlass fiber3 M17111 Carbody, power suppliesSeat36,330 Pi17112 Carbody, power suppliesRotary window2 Pi			i		
17104 Carbody, power supplies       Carbody parts       99,550 Pi         17107 Carbody, power supplies       Curtain device       2,660 Pi         17108 Carbody, power supplies       Drinking water tank       2 Pi         17109 Carbody, power supplies       Glass fiber       3 M         17111 Carbody, power supplies       Seat       36,330 Pi         17112 Carbody, power supplies       Rotary window       2 Pi			i		
17107 Carbody, power suppliesCurtain device2,660 Pi17108 Carbody, power suppliesDrinking water tank2 Pi17109 Carbody, power suppliesGlass fiber3 M17111 Carbody, power suppliesSeat36,330 Pi17112 Carbody, power suppliesRotary window2 Pi			i i		
17108 Carbody, power suppliesDrinking water tank2 Pi17109 Carbody, power suppliesGlass fiber3 M17111 Carbody, power suppliesSeat36,330 Pi17112 Carbody, power suppliesRotary window2 Pi					
17109Carbody, power suppliesGlass fiber3 M17111Carbody, power suppliesSeat36,330 Pi17112Carbody, power suppliesRotary window2 Pi					Piece
17111 Carbody, power supplies Seat 36,330 Pi 17112 Carbody, power supplies Rotary window 2 Pi			i		
17112 Carbody, power supplies Rotary window 2 Pi					
					Piece
17115 Carbody, power supplies Table 4,420 Pi			Table		Piece
					Piece

47447	Io	lo "	4.040	D:
	Carbody, power supplies	Door roller		Piece
	Carbody, power supplies	Baggage rack support		Piece
	Carbody, power supplies	Sliding door		Piece
	Carbody, power supplies	Hinged door		Set
	Carbody, power supplies	Ventilator		Piece
	Carbody, power supplies	Hat hook		Piece
	Carbody, power supplies	Cold reserving board		Piece
	Carbody, power supplies	Hood		Piece
	Carbody, power supplies	Window lock		Piece
17128	Carbody, power supplies	Sash stop bar		Piece
17129	Carbody, power supplies	Sash		Set
17130	Carbody, power supplies	Water tank	1	Piece
17131	Carbody, power supplies	Name plate	177,680	Piece
17134	Carbody, power supplies	Strap	40,610	Piece
17135	Carbody, power supplies	Sliding door lock	740	Piece
17136	Carbody, power supplies	Hinged door lock	5,010	Piece
	Carbody, power supplies	Pocket for placards		Piece
	Carbody, power supplies	Clamp for hood		Set
	Carbody, power supplies	Whistle		Piece
	Carbody, power supplies	Whistle parts		Piece
	Carbody, power supplies	Carbody parts		Piece
	Carbody, power supplies	Underframe skirt		Unit
	Carbody, power supplies Carbody, power supplies	Carbody tilting control system		Set
			45,450	
	Carbody, power supplies  Measuring instrument supplies	Other carbody, power supplies		Piece
		Pressure gauge	21,940	
	Measuring instrument supplies	Thermometer		
	Measuring instrument supplies	Water gauge		Piece
	Measuring instrument supplies	Speed meter		Piece
	Measuring instrument supplies	Speed meter parts		Piece
	Measuring instrument supplies	Voltmeter		Piece
	Measuring instrument supplies	Voltmeter multiplier		Piece
	Measuring instrument supplies	Ammeter		Piece
	Measuring instrument supplies	Other measuring instrument supplies	12,190	
17302	Spring	Seat spring		Piece
	Spring	Air spring		Piece
	Spring	Axle spring		Piece
	Spring	Brake shoe adjusting spring		Piece
	Spring	Bearing spring		Piece
17310	Spring	Retaining spring		Piece
	Spring	Sliding door lock spring		Piece
	Spring	Hinged door lock spring		Piece
17317	Spring	Secondary suspension		Piece
17318	Spring	Sash-window lifting spring	20	Piece
17319	Spring	Sash-lock spring	3	Piece
17399	Spring	Other spring	15,120	Piece
17404	Nonmetallic products	Curtain	1,560	Piece
17405	Nonmetallic products	Carpet	80	Piece
	Nonmetallic products	Vinyl cloth		М
	Nonmetallic products	Moquette	170	М
	Nonmetallic products	Felt		Piece
	Nonmetallic products	Hood material	100	
17419	Nonmetallic products	Other fabric	1,880	IVI
	Nonmetallic products Nonmetallic products		1,880 3	
17421	Nonmetallic products	Other fabric Inside panel Abrasion resistance resin	3	Piece
17421 17423	Nonmetallic products Nonmetallic products	Inside panel Abrasion resistance resin	3 30	Piece Piece
17421 17423 17424	Nonmetallic products Nonmetallic products Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip	3 30 1,660	Piece Piece Piece
17421 17423 17424 17425	Nonmetallic products Nonmetallic products Nonmetallic products Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials	30 1,660 20	Piece Piece Piece Set
17421 17423 17424 17425 17429	Nonmetallic products Nonmetallic products Nonmetallic products Nonmetallic products Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products	3 30 1,660 20 21,350	Piece Piece Piece Set Piece
17421 17423 17424 17425 17429 17431	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose	30 1,660 20 21,350 18,350	Piece Piece Set Piece Piece
17421 17423 17424 17425 17429 17431 17432	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose Air hose packing rubber	30 1,660 20 21,350 18,350 1,230	Piece Piece Set Piece Piece Piece Piece Piece
17421 17423 17424 17425 17429 17431 17432 17433	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose Air hose packing rubber Water feed hose	3 30 1,660 20 21,350 18,350 1,230 320	Piece Piece Set Piece Piece Piece Piece Piece Piece
17421 17423 17424 17425 17429 17431 17432 17433	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose Air hose packing rubber Water feed hose Oil resistance hose	3 30 1,660 20 21,350 18,350 1,230 320 300	Piece Piece Piece Set Piece Piece Piece Piece Piece Piece Piece
17421 17423 17424 17425 17429 17431 17432 17433 17434 17434	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose Air hose packing rubber Water feed hose Oil resistance hose Heating hose	3 30 1,660 20 21,350 18,350 1,230 320 300 110	Piece Piece Piece Set Piece Piece Piece Piece Piece Piece Piece Piece Piece
17421 17423 17424 17425 17429 17431 17432 17433 17434 17435	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose Air hose packing rubber Water feed hose Oil resistance hose Heating hose Rubber isolator	3 30 1,660 20 21,350 18,350 1,230 320 300 110 26,540	Piece Piece Piece Set Piece
17421 17423 17424 17425 17429 17431 17432 17433 17434 17435 17436	Nonmetallic products	Inside panel Abrasion resistance resin Abrasion resistance resin contact strip Floor finishing materials Other synthetic chemical products Air hose Air hose packing rubber Water feed hose Oil resistance hose Heating hose	3 30 1,660 20 21,350 18,350 1,230 320 300 110	Piece Piece Piece Set Piece

17499	Nonmetallic products	Other nonmetallic products	3,990	Piece
17501	Air conditioning supplies	Air conditioning equipment		Piece
	Air conditioning supplies	Freezer		Piece
	Air conditioning supplies	Cooling equipment		Piece
	Air conditioning supplies	Air conditioning parts	25,450	
	Air conditioning supplies	Heater		Piece
	Air conditioning supplies	Heating parts		Piece
	Air conditioning supplies	Other air conditioning supplies	61,180	
	Rolling bearing	Rolling bearing for axle	10,820	
	Rolling bearing Wash room supplies	Rolling bearing Sanitation system	23,620	Set
	Wash room supplies	Sanitation system Sanitation system parts		Piece
	Wash room supplies	Wash basin drain device		Set
	Wash room supplies	Hand wash basin		Piece
	Wash room supplies	Hand wash valve		Piece
	Wash room supplies	Toilet bowl		Piece
	Wash room supplies	Toilet bowl wash valve		Piece
	Wash room supplies	Wash room parts		Piece
17716	Wash room supplies	Other wash room supplies	850	Piece
	Coupling device supplies	Bracket	10	Piece
17803	Coupling device supplies	Automatic coupler	50	Set
	Coupling device supplies	Intermediate coupler		Set
	Coupling device supplies	Shank guide spring box	_	Piece
	Coupling device supplies	Follower plate		Piece
	Coupling device supplies	Tight lock coupler		Set
	Coupling device supplies	Coupler bush		Piece
	Coupling device supplies	Buffer for coupler	3,770	
	Coupling device supplies	Lock for coupler		Piece
	Coupling device supplies	Lock supplies for coupler		Piece
	Coupling device supplies Coupling device supplies	Body for coupler Cover for coupler		Piece Piece
	Coupling device supplies  Coupling device supplies	Frame for coupler		Piece
	Coupling device supplies	Coupling device parts	20,780	
	Coupling device supplies	Joint for coupler		Piece
	Coupling device supplies	Other coupling device supplies		Piece
	Other general supplies for rolling stock	Five forked valve		Piece
17904	Other general supplies for rolling stock	Hot water tank	20	Piece
17908	Other general supplies for rolling stock	Water supply pump	10	Piece
17910	Other general supplies for rolling stock	Oil supply, water supply parts	4,870	Piece
17913	Other general supplies for rolling stock	Drinking water sterilizer	3,010	Piece
17914	Other general supplies for rolling stock	Water heater	9	Piece
17915	Other general supplies for rolling stock	Automatic rail lubricator	30	Piece
17919	Other general supplies for rolling stock	Reducing valve for water supply system	130	Piece
17931	Other general supplies for rolling stock	Oil thrower	510	Piece
17936	Other general supplies for rolling stock	Oil seal	28,280	Piece
17939	Other general supplies for rolling stock	Grease seal	1,270	Piece
17940	Other general supplies for rolling stock	Air Valve	1,480	Piece
17942	Other general supplies for rolling stock	Microwave oven	1	Piece
17945	Other general supplies for rolling stock	Drink refrigerator case	20	Piece
17946	Other general supplies for rolling stock	Packing	153,890	Piece

17947	Other general supplies for rolling stock	Heat insulating belt	400	Piece
17948	Other general supplies for rolling stock	Heat insulating pipe	6	Piece
17949	Other general supplies for rolling stock	Heat-retantion board	20	Piece
17950	Other general supplies for rolling stock	Water cooler	3	Piece
17952	Other general supplies for rolling stock	Flexible air duct	560	Piece
17953	Other general supplies for rolling stock	Flexible pipe	6	Piece
17954	Other general supplies for rolling stock	Dust guard	1,210	Piece
17955	Other general supplies for rolling stock	Sash chain	10	Piece
17956	Other general supplies for rolling stock	Door operator	1,560	Piece
17957	Other general supplies for rolling stock	Stop valve	9	Piece
17958	Other general supplies for rolling stock	Screw	340	Piece
17960	Other general supplies for rolling stock	Window wiper	4,010	Piece
17963	Other general supplies for rolling stock	Vending machine	7	Unit
17966	Other general supplies for rolling stock	Electric door closing device	3,680	Set
17967	Other general supplies for rolling stock	Protection board	20	Set
17971	Other general supplies for rolling stock	Wireless LAN device	590	Set
17981	Other general supplies for rolling stock	Hose belt	1,360	Piece
17982	Other general supplies for rolling stock	Hose joint	50	Piece
17983	Other general supplies for rolling stock	Hose coupler	160	Piece