



致(To): 翏耀鋼鐵股份有限公司
SHYE YAO STEEL CO., LTD.

日期(Date): 2011/04/01
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「有害物質」化學成分證明書



Hazardous Substances Chemical Contents Declaration & Warranty

本公司供應貴公司之下列產品，其有害物質含有量，經分析、確認，保證如下表所示。
We hereby declare that the hazardous substances and their contents in the captioned product are shown as below.

產品名稱(Product Name): 冷軋鋼捲(CR Sheet-coil)

項次 Item No.	有害物質名稱/ Substance Name	CAS 編碼 CAS No.	測試方法 Test Method	極限值 MDL/RL (ppm)	濃度 Content (ppm)
1	鎘/Cadmium (Cd)	7440-43-9	IEC 62321/2ND CDV	2	N.D.
2	鉛/ Lead (Pb)	7439-92-1	IEC 62321/2ND CDV	2	<90
3	汞/Mercury (Hg)	7439-97-6	IEC 62321/2ND CDV	2	N.D.
4	六價鉻/ Hexavalent Chromium compounds.(Cr+6)	-	US EPA 3060A	2	N.D.
5	多溴聯苯/ Polybrominated Biphenyls(PBB)	-	IEC 62321/2ND CDV	5	N.D.
6	多溴聯苯醚/ Polybrominated Diphenyl Ethers (PBDE)	-	IEC 62321/2ND CDV	5	N.D.
7	蒽/ Anthracene	120-12-7	ZEK 01.1-08	50	N.D.
8	4,4'-二氨基二苯甲烷 /4,4'-Diaminodiphenylmethane	101-77-9	BLV B 82.02-2-2006	50	N.D.
9	重鉻酸鈉二水合物/ Sodium dichromate	7789-12-0	US EPA 3060A	-	N.D.
10	氯化鈷/ Cobalt dichloride	7646-79-9	US EPA 3052	-	N.D.
11	五氧化二砷/ Diarsenic pentaoxide	1303-28-2	US EPA 3052	-	N.D.
12	2,4,6-三硝基-5-叔丁基間二甲苯(二甲 苯麝香)/ 5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	US EPA 3550C	50	N.D.
13	鄰苯二甲酸二丁酯/ Dibutyl Phthalate (DBP)	84-74-2	EN14732	50	N.D.
14	鄰苯二甲酸二(2-乙基己基)酯/ Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	EN14732	50	N.D.
15	鄰苯二甲酸甲苯基丁酯/ Benzyl butyl phthalate (BBP)/	85-68-7	EN14732	50	N.D.
16	六溴環十二烷/ Hexabromocyclododecane (HBCDD)	25637-99-4	US EPA 3540 C	50	N.D.
17	短鏈氯化石蜡(10-13)/ Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	US EPA 3540 C	100	N.D.
18	氧化双三丁基錫/ Bis(tributyltin) oxide (TBTO)	56-35-9	BS ISO 17353	50	N.D.
19	砷酸氫鉛/ Lead hydrogen arsenate	7784-40-9	US EPA 3052	-	N.D.
20	三乙基砷酸酯/ Triethyl arsenate	15606-95-8	US EPA 3052	-	N.D.
21	三氧化二砷/ Diarsenic trioxide	1327-53-3	US EPA 3052	-	N.D.
22	環十二烷/ Cyclododecane	294-62-2	US EPA 5021	50	N.D.
23	蒽油/ Anthracene oil	90640-80-5	ZEK 01.2-08&GC/MS	500	N.D.

24	蔥油，蔥糊，輕油/ Anthracene oil, anthracene paste, distn. Lights	91995-17-4	ZEK 01.2-08&GC/MS	500	N.D.
25	蔥油，蔥糊，蔥餾分/ Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	ZEK 01.2-08 GC/MS	500	N.D.
26	蔥油，含蔥量少/ Anthracene oil, anthracene-low	90640-82-7	ZEK 01.2-08&GC/MS	500	N.D.
27	蔥油，蔥糊/ Anthracene oil, anthracene paste	90640-81-6	ZEK 01.2-08&GC/MS	500	N.D.
28	煤瀝青，高溫/ Pitch, coal tar, high temperature	65996-93-2	ZEK 01.2-08&GC/MS	500	N.D.
29	丙烯醯胺/ Acrylamide	79-06-1	USEPA 3550C&LC/MS	50	N.D.
30	矽酸鋁 耐火陶瓷纖維/ Aluminosilicate, refractory Ceramic Fibres	-	SGS in House RSTS-EE-SVHC-002	500	N.D.
31	鋯矽酸鋁，耐火陶瓷纖維/ Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	SGS in House RSTS-EE-SVHC-002	500	N.D.
32	2,4-二硝基甲苯/2,4-Dinitrotoluene	121-14-2	US EPA 3550C&GC/MS	50	N.D.
33	鄰苯二甲酸二異丁酯/ Diisobutyl phthalate	84-69-5	EN 14372&GC/MS	50	N.D.
34	鉻酸鉛/ Lead chromate	7758-97-6	SGS in House RSTS-EE-SVHC-002	100	N.D.
35	紅色鉬鉻酸鉛硫酸鹽；顏色索引: 顏料紅 104/ Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	SGS in House RSTS-EE-SVHC-002	100	N.D.
36	黃色硫化鉻酸鉛；顏色索引:顏料黃 34/ Lead sulphochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	SGS in House RSTS-EE-SVHC-002	100	N.D.
37	磷酸三(2-氯乙基)酯/ Tris(2-chloroethyl)phosphate	115-96-8	US EPA 3550C&GC/MS	50	N.D.
38	鉻酸鈉/ Sodium chromate	7775-11-3	US EPA 3060A	-	N.D.
39	重鉻酸鉍/ Ammonium dichromate	7789-09-5	US EPA 3060A	-	N.D.
40	重鉻酸鉀/ Potassium dichromate	7778-50-9	US EPA 3060A	-	N.D.
41	鉻酸鉀/ Potassium chromate	7789-00-6	US EPA 3060A	-	N.D.
42	硼酸/ Boric acid	10043-35-3 11113-50-1	US EPA 3052	-	N.D.
43	無水四硼酸二鈉 disodium tetraborate, anhydrous	1330-43-4	US EPA 3052	-	N.D.
44	水合硼酸鈉 Tetraboron disodium heptaoxide, hydrate	12267-73-1 12179-04-3 1303-96-4	US EPA 3052	-	N.D.
45	三氯乙烯 Trichloroethylene	79-01-6	US EPA 5021	50	N.D.
46	硫酸鈷(二價) Cobalt(II) sulphate	10124-43-3	US EPA 3052 & ICP-AES	-	N.D.
47	硝酸鈷(二價) Cobalt(II) dinitrate	10141-05-6	US EPA 3052 & ICP-AES	-	N.D.
48	碳酸鈷(二價) Cobalt(II) carbonate	513-79-1	US EPA 3052 & ICP-AES	-	N.D.
49	醋酸鈷(二價) Cobalt(II) diacetate	71-48-7	US EPA 3052 & ICP-AES	-	N.D.
50	乙二醇甲醚 2-Methoxyethanol	109-86-4	US EPA 3550C & GC/MS	10	N.D.
51	乙二醇乙醚 2-Ethoxyethanol	110-80-5	US EPA 3550C & GC/MS	10	N.D.
52	三氧化鉻 Chromium trioxide	1333-82-0	USEPA 3060A & UV/VIS	-	N.D.

53	從三氧化鉻與其它寡聚體生成的酸類：鉻酸, 重鉻酸, 鉻酸與重鉻酸的寡聚體 Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	USEPA 3060A &UV/VIS	-	N.D.
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註(Remarks):

1. 上表中 1~6 項為歐盟 RoHS 指令限制禁用之物質，RoHS 指令對鉛、汞、六價鉻、PBB 及 PBDE 之濃度限制為 Max.1000ppm，鎘為 Max.100ppm。
 Item 1 to 6 are specified as prohibitive substances by RoHS, in which maximum content of Pb、Hg、Cr⁺⁶、PBB and PBDE is restricted to 1000ppm respectively, while 100ppm is restricted for cadmium.
2. 上表中 7~53 項為歐盟 REACH 指令管制之物質，REACH 指令對其濃度建議為單一有害物質 Max.1000ppm。
 Item 7 to 53 are specified as prohibitive substances by REACH, in which maximum content of each substance is restricted to 1000ppm.
3. MDL : Method Detection Limit ; RL : Reporting Limit ; N.D. : Not detected. °
4. 本證明文件僅保證中鋼之產品，客戶加工後所產生之有害物質，不屬於本證明文件保證之範圍。
 This is to certify that the steel product of CSC in the as-delivered condition does not contain harmful substances in table, but this does not guarantee that the product will definitely not include those harmful substances after being processed mechanically or chemically.

Tien Yuan Cheng

冶金技術處
 冶金規範及試驗組組長
 Manager Metallurgical Specification and
 Testing Section, Metallurgical Dept



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Hazardous Substances Chemical Contents Declaration & Warranty

本公司供應貴公司之下列產品，其有害物質含有量，經分析、確認，保證如下表所示。
We hereby declare that the hazardous substances and their contents in the captioned product are shown as below.

產品名稱(Product Name): 電氣鍍鋅鋼捲(Electrolytic zinc-coated coil)

項次 Item No.	有害物質名稱/ Substance Name	CAS 編碼 CAS No.	測試方法 Test Method	極限值 MDL/RL (ppm)	濃度 Content (ppm)
1	鎘/Cadmium (Cd)	7440-43-9	IEC 62321/2ND CDV	2	N.D.
2	鉛/ Lead (Pb)	7439-92-1	IEC 62321/2ND CDV	2	<90
3	汞/Mercury (Hg)	7439-97-6	IEC 62321/2ND CDV	2	N.D.
4	六價鉻/ Hexavalent Chromium compounds.(Cr+6)	-	US EPA 3060A	2	N.D.
5	多溴聯苯/ Polybrominated Biphenyls(PBB)	-	IEC 62321/2ND CDV	5	N.D.
6	多溴聯苯醚/ Polybrominated Diphenyl Ethers (PBDE)	-	IEC 62321/2ND CDV	5	N.D.
7	蒽/ Anthracene	120-12-7	ZEK 01.1-08	50	N.D.
8	4,4'-二氨基二苯甲烷 /4,4'-Diaminodiphenylmethane	101-77-9	BLV B 82.02-2-2006	50	N.D.
9	重鉻酸鈉二水合物/ Sodium dichromate	7789-12-0	US EPA 3060A	-	N.D.
10	氯化鈷/ Cobalt dichloride	7646-79-9	US EPA 3052	-	N.D.
11	五氧化二砷/ Diarsenic pentaoxide	1303-28-2	US EPA 3052	-	N.D.
12	2,4,6-三硝基-5-叔丁基間二甲苯(二甲 苯麝香)/ 5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	US EPA 3550C	50	N.D.
13	鄰苯二甲酸二丁酯/ Dibutyl Phthalate (DBP)	84-74-2	EN14732	50	N.D.
14	鄰苯二甲酸二(2-乙基己基)酯/ Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	EN14732	50	N.D.
15	鄰苯二甲酸甲苯基丁酯/ Benzyl butyl phthalate (BBP)/	85-68-7	EN14732	50	N.D.
16	六溴環十二烷/ Hexabromocyclododecane (HBCDD)	25637-99-4	US EPA 3540 C	50	N.D.
17	短鏈氯化石蜡(10-13)/ Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	US EPA 3540 C	100	N.D.
18	氧化双三丁基錫/ Bis(tributyltin) oxide (TBTO)	56-35-9	BS ISO 17353	50	N.D.
19	砷酸氫鉛/ Lead hydrogen arsenate	7784-40-9	US EPA 3052	-	N.D.
20	三乙基砷酸酯/ Triethyl arsenate	15606-95-8	US EPA 3052	-	N.D.
21	三氧化二砷/ Diarsenic trioxide	1327-53-3	US EPA 3052	-	N.D.
22	環十二烷/ Cyclododecane	294-62-2	US EPA 5021	50	N.D.
23	蒽油/ Anthracene oil	90640-80-5	ZEK 01.2-08&GC/MS	500	N.D.

24	蔥油，蔥糊，輕油/ Anthracene oil, anthracene paste, distn. Lights	91995-17-4	ZEK 01.2-08&GC/MS	500	N.D.
25	蔥油，蔥糊，蔥餾分/ Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	ZEK 01.2-08 GC/MS	500	N.D.
26	蔥油，含蔥量少/ Anthracene oil, anthracene-low	90640-82-7	ZEK 01.2-08&GC/MS	500	N.D.
27	蔥油，蔥糊/ Anthracene oil, anthracene paste	90640-81-6	ZEK 01.2-08&GC/MS	500	N.D.
28	煤瀝青，高溫/ Pitch, coal tar, high temperature	65996-93-2	ZEK 01.2-08&GC/MS	500	N.D.
29	丙烯醯胺/ Acrylamide	79-06-1	USEPA 3550C&LC/MS	50	N.D.
30	矽酸鋁 耐火陶瓷纖維/ Aluminosilicate, refractory Ceramic Fibres	-	SGS in House RSTS-EE-SVHC-002	500	N.D.
31	鋯矽酸鋁，耐火陶瓷纖維/ Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	SGS in House RSTS-EE-SVHC-002	500	N.D.
32	2,4-二硝基甲苯/2,4-Dinitrotoluene	121-14-2	US EPA 3550C&GC/MS	50	N.D.
33	鄰苯二甲酸二異丁酯/ Diisobutyl phthalate	84-69-5	EN 14372&GC/MS	50	N.D.
34	鉻酸鉛/ Lead chromate	7758-97-6	SGS in House RSTS-EE-SVHC-002	100	N.D.
35	紅色鉬鉻酸鉛硫酸鹽；顏色索引: 顏料紅 104/ Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	SGS in House RSTS-EE-SVHC-002	100	N.D.
36	黃色硫化鉻酸鉛；顏色索引:顏料黃 34/ Lead sulphochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	SGS in House RSTS-EE-SVHC-002	100	N.D.
37	磷酸三(2-氯乙基)酯/ Tris(2-chloroethyl)phosphate	115-96-8	US EPA 3550C&GC/MS	50	N.D.
38	鉻酸鈉/ Sodium chromate	7775-11-3	US EPA 3060A	-	N.D.
39	重鉻酸鉍/ Ammonium dichromate	7789-09-5	US EPA 3060A	-	N.D.
40	重鉻酸鉀/ Potassium dichromate	7778-50-9	US EPA 3060A	-	N.D.
41	鉻酸鉀/ Potassium chromate	7789-00-6	US EPA 3060A	-	N.D.
42	硼酸/ Boric acid	10043-35-3 11113-50-1	US EPA 3052	-	N.D.
43	無水四硼酸二鈉 disodium tetraborate, anhydrous	1330-43-4	US EPA 3052	-	N.D.
44	水合硼酸鈉 Tetraboron disodium heptaoxide, hydrate	12267-73-1 12179-04-3 1303-96-4	US EPA 3052	-	N.D.
45	三氯乙烯 Trichloroethylene	79-01-6	US EPA 5021	50	N.D.
46	硫酸鈷(二價) Cobalt(II) sulphate	10124-43-3	US EPA 3052 & ICP-AES	-	N.D.
47	硝酸鈷(二價) Cobalt(II) dinitrate	10141-05-6	US EPA 3052 & ICP-AES	-	N.D.
48	碳酸鈷(二價) Cobalt(II) carbonate	513-79-1	US EPA 3052 & ICP-AES	-	N.D.
49	醋酸鈷(二價) Cobalt(II) diacetate	71-48-7	US EPA 3052 & ICP-AES	-	N.D.
50	乙二醇甲醚 2-Methoxyethanol	109-86-4	US EPA 3550C & GC/MS	10	N.D.
51	乙二醇乙醚 2-Ethoxyethanol	110-80-5	US EPA 3550C & GC/MS	10	N.D.
52	三氧化鉻 Chromium trioxide	1333-82-0	USEPA 3060A & UV/VIS	-	N.D.

53	從三氧化鉻與其它寡聚體生成的酸類：鉻酸, 重鉻酸, 鉻酸與重鉻酸的寡聚體 Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	USEPA 3060A &UV/VIS	-	N.D.
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註(Remarks):

- 上表中 1~6 項為歐盟 RoHS 指令限制禁用之物質，RoHS 指令對鉛、汞、六價鉻、PBB 及 PBDE 之濃度限制為 Max.1000ppm，鎘為 Max.100ppm。
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- 上表中 7~53 項為歐盟 REACH 指令管制之物質，REACH 指令對其濃度建議為單一有害物質 Max.1000ppm。
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- MDL : Method Detection Limit ; RL : Reporting Limit ; N.D. : Not detected. °
- 本證明文件僅保證中鋼之產品，客戶加工後所產生之有害物質，不屬於本證明文件保證之範圍。
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Tien Yuan Cheng

冶金技術處
 冶金規範及試驗組組長
 Manager Metallurgical Specification and
 Testing Section, Metallurgical Dept



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 We hereby declare that the hazardous substances and their contents in the captioned product are shown as below.

產品名稱(Product Name): 熱軋鋼捲/片；熱軋酸洗塗油鋼捲/片(HR Sheet-Coil, HR Sheet-Coil P/O)

項次 Item No.	有害物質名稱/ Substance Name	CAS 編碼 CAS No.	測試方法 Test Method	極限值 MDL/RL (ppm)	濃度 Content (ppm)
1	鎘/Cadmium (Cd)	7440-43-9	IEC 62321/2ND CDV	2	N.D.
2	鉛/ Lead (Pb)	7439-92-1	IEC 62321/2ND CDV	2	<90
3	汞/Mercury (Hg)	7439-97-6	IEC 62321/2ND CDV	2	N.D.
4	六價鉻/ Hexavalent Chromium compounds.(Cr+6)	-	US EPA 3060A	2	N.D.
5	多溴聯苯/ Polybrominated Biphenyls(PBB)	-	IEC 62321/2ND CDV	5	N.D.
6	多溴聯苯醚/ Polybrominated Diphenyl Ethers (PBDE)	-	IEC 62321/2ND CDV	5	N.D.
7	蒽/ Anthracene	120-12-7	ZEK 01.1-08	50	N.D.
8	4,4'-二氨基二苯甲烷 /4,4'-Diaminodiphenylmethane	101-77-9	BLV B 82.02-2-2006	50	N.D.
9	重鉻酸鈉二水合物/ Sodium dichromate	7789-12-0	US EPA 3060A	-	N.D.
10	氯化鈷/ Cobalt dichloride	7646-79-9	US EPA 3052	-	N.D.
11	五氧化二砷/ Diarsenic pentaoxide	1303-28-2	US EPA 3052	-	N.D.
12	2,4,6-三硝基-5-叔丁基間二甲苯(二甲 苯麝香)/ 5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	US EPA 3550C	50	N.D.
13	鄰苯二甲酸二丁酯/ Dibutyl Phthalate (DBP)	84-74-2	EN14732	50	N.D.
14	鄰苯二甲酸二(2-乙基己基)酯/ Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	EN14732	50	N.D.
15	鄰苯二甲酸甲苯基丁酯/ Benzyl butyl phthalate (BBP)/	85-68-7	EN14732	50	N.D.
16	六溴環十二烷/ Hexabromocyclododecane (HBCDD)	25637-99-4	US EPA 3540 C	50	N.D.
17	短鏈氯化石蜡(10-13)/ Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	US EPA 3540 C	100	N.D.
18	氧化双三丁基錫/ Bis(tributyltin) oxide (TBTO)	56-35-9	BS ISO 17353	50	N.D.
19	砷酸氫鉛/ Lead hydrogen arsenate	7784-40-9	US EPA 3052	-	N.D.
20	三乙基砷酸酯/ Triethyl arsenate	15606-95-8	US EPA 3052	-	N.D.
21	三氧化二砷/ Diarsenic trioxide	1327-53-3	US EPA 3052	-	N.D.
22	環十二烷/ Cyclododecane	294-62-2	US EPA 5021	50	N.D.
23	蒽油/ Anthracene oil	90640-80-5	ZEK 01.2-08&GC/MS	500	N.D.

24	蔥油，蔥糊，輕油/ Anthracene oil, anthracene paste, distn. Lights	91995-17-4	ZEK 01.2-08&GC/MS	500	N.D.
25	蔥油，蔥糊，蔥餾分/ Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	ZEK 01.2-08 GC/MS	500	N.D.
26	蔥油，含蔥量少/ Anthracene oil, anthracene-low	90640-82-7	ZEK 01.2-08&GC/MS	500	N.D.
27	蔥油，蔥糊/ Anthracene oil, anthracene paste	90640-81-6	ZEK 01.2-08&GC/MS	500	N.D.
28	煤瀝青，高溫/ Pitch, coal tar, high temperature	65996-93-2	ZEK 01.2-08&GC/MS	500	N.D.
29	丙烯醯胺/ Acrylamide	79-06-1	USEPA 3550C&LC/MS	50	N.D.
30	矽酸鋁 耐火陶瓷纖維/ Aluminosilicate, refractory Ceramic Fibres	-	SGS in House RSTS-EE-SVHC-002	500	N.D.
31	鋯矽酸鋁，耐火陶瓷纖維/ Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	SGS in House RSTS-EE-SVHC-002	500	N.D.
32	2,4-二硝基甲苯/2,4-Dinitrotoluene	121-14-2	US EPA 3550C&GC/MS	50	N.D.
33	鄰苯二甲酸二異丁酯/ Diisobutyl phthalate	84-69-5	EN 14372&GC/MS	50	N.D.
34	鉻酸鉛/ Lead chromate	7758-97-6	SGS in House RSTS-EE-SVHC-002	100	N.D.
35	紅色鉬鉻酸鉛硫酸鹽；顏色索引: 顏料紅 104/ Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	SGS in House RSTS-EE-SVHC-002	100	N.D.
36	黃色硫化鉻酸鉛；顏色索引:顏料黃 34/ Lead sulphochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	SGS in House RSTS-EE-SVHC-002	100	N.D.
37	磷酸三(2-氯乙基)酯/ Tris(2-chloroethyl)phosphate	115-96-8	US EPA 3550C&GC/MS	50	N.D.
38	鉻酸鈉/ Sodium chromate	7775-11-3	US EPA 3060A	-	N.D.
39	重鉻酸鉍/ Ammonium dichromate	7789-09-5	US EPA 3060A	-	N.D.
40	重鉻酸鉀/ Potassium dichromate	7778-50-9	US EPA 3060A	-	N.D.
41	鉻酸鉀/ Potassium chromate	7789-00-6	US EPA 3060A	-	N.D.
42	硼酸/ Boric acid	10043-35-3 11113-50-1	US EPA 3052	-	N.D.
43	無水四硼酸二鈉 disodium tetraborate, anhydrous	1330-43-4	US EPA 3052	-	N.D.
44	水合硼酸鈉 Tetraboron disodium heptaoxide, hydrate	12267-73-1 12179-04-3 1303-96-4	US EPA 3052	-	N.D.
45	三氯乙烯 Trichloroethylene	79-01-6	US EPA 5021	50	N.D.
46	硫酸鈷(二價) Cobalt(II) sulphate	10124-43-3	US EPA 3052 & ICP-AES	-	N.D.
47	硝酸鈷(二價) Cobalt(II) dinitrate	10141-05-6	US EPA 3052 & ICP-AES	-	N.D.
48	碳酸鈷(二價) Cobalt(II) carbonate	513-79-1	US EPA 3052 & ICP-AES	-	N.D.
49	醋酸鈷(二價) Cobalt(II) diacetate	71-48-7	US EPA 3052 & ICP-AES	-	N.D.
50	乙二醇甲醚 2-Methoxyethanol	109-86-4	US EPA 3550C & GC/MS	10	N.D.
51	乙二醇乙醚 2-Ethoxyethanol	110-80-5	US EPA 3550C & GC/MS	10	N.D.
52	三氧化鉻 Chromium trioxide	1333-82-0	USEPA 3060A & UV/VIS	-	N.D.

53	從三氧化鉻與其它寡聚體生成的酸類：鉻酸, 重鉻酸, 鉻酸與重鉻酸的寡聚體 Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	USEPA 3060A &UV/VIS	-	N.D.
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註(Remarks):

- 上表中 1~6 項為歐盟 RoHS 指令限制禁用之物質，RoHS 指令對鉛、汞、六價鉻、PBB 及 PBDE 之濃度限制為 Max.1000ppm，鎘為 Max.100ppm。
Item 1 to 6 are specified as prohibitive substances by RoHS, in which maximum content of Pb、Hg、Cr⁺⁶、PBB and PBDE is restricted to 1000ppm respectively, while 100ppm is restricted for cadmium.
- 上表中 7~53 項為歐盟 REACH 指令管制之物質，REACH 指令對其濃度建議為單一有害物質 Max.1000ppm。
Item 7 to 53 are specified as prohibitive substances by REACH, in which maximum content of each substance is restricted to 1000ppm.
- MDL : Method Detection Limit ; RL : Reporting Limit ; N.D. : Not detected. °
- 本證明文件僅保證中鋼之產品，客戶加工後所產生之有害物質，不屬於本證明文件保證之範圍。
This is to certify that the steel product of CSC in the as-delivered condition does not contain harmful substances in table, but this does not guarantee that the product will definitely not include those harmful substances after being processed mechanically or chemically.

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