

RECORD FORMAT**Record format: CSX669**

Num	Field name	Field type	Length	Start	End	Attributes
1	NCS Header	Reserved	40	1	40	
2	Easy Pay Barcode	Numeric	14	41	54	Display
3	Barcode	Numeric	12	55	66	Display
4	SA ID	Numeric	13	67	79	
5	Foreign ID No.	Alphanumeric	15	80	94	
6	Gender	Alphanumeric	1	95	95	
7	Citizenship	Alphanumeric	1	96	96	
8	Home Lang	Alphanumeric	2	97	98	
9	Classification	Alphanumeric	1	99	99	
10	Contact No.	Alphanumeric	10	100	109	
11	Province you live	Alphanumeric	2	110	111	
12	Date of Test	Alphanumeric	8	112	119	
13	Home	Alphanumeric	1	120	120	
14	Home Info	Alphanumeric	5	121	125	
15	Test Venue12	Alphanumeric	1	126	126	
16	Test Venue13	Alphanumeric	1	127	127	
17	Test Venue14	Alphanumeric	1	128	128	
18	Test Venue15	Alphanumeric	1	129	129	
19	Shool Info16	Alphanumeric	8	130	137	
20	Shool Info17	Alphanumeric	8	138	145	
21	Name of School	Alphanumeric	44	146	189	
22	Complete Gr-12	Alphanumeric	4	190	193	
23	Postal Code	Alphanumeric	4	194	197	
24	School in ?	Alphanumeric	2	198	199	
25	Gr-12 Medium	Alphanumeric	1	200	200	
26	School	Alphanumeric	1	201	201	
27	Faculty123	Alphanumeric	3	202	204	
28	Rec End	Alphanumeric	1	205	205	
29	CR/LF	Reserved	2	206	207	System filler: 0 bytes

TRANSLATE TABLES

Tables 1 through 10 are reserved for system defined translations.

Table 11:	Barcode 1	Length: 2	Flags: 0
Omit:	< >		
Multiple:	<* >		
1:	<1 >		
2:	<2 >		
3:	<3 >		
4:	<4 >		
5:	<5 >		
6:	<6 >		
7:	<7 >		
8:	<8 >		
9:	<9 >		
10:	<10>		
11:	<11>		

Table 12:	Barcode 2	Length: 2	Flags: 0
Omit:	< >		
Multiple:	<* >		
1:	<1 >		
2:	<2 >		
3:	<3 >		
4:	<4 >		
5:	<5 >		
6:	<6 >		
7:	<7 >		
8:	<8 >		
9:	<9 >		
10:	<10>		

Table 13:	AQL Test	Length: 1	Flags: 0
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	Omit:	< >	
	Multiple:	<*>	
	1:	<E>	
	2:	<A>	
Table 14:	AQL Code	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	<*>	
	1:	<10>	
	2:	<11>	
	3:	<12>	
	4:	<13>	
	5:	<14>	
	6:	<15>	
	7:	<16>	
	8:	<17>	
	9:	<18>	
	10:	<19>	
	11:	<20>	
	12:	<21>	
	13:	<22>	
	14:	<23>	
	15:	<24>	
	16:	<25>	
	17:	<26>	
	18:	<27>	
	19:	<28>	
	20:	<29>	
	21:	<30>	
	22:	<31>	
	23:	<32>	
	24:	<33>	
	25:	<34>	
	26:	<35>	
	27:	<36>	
	28:	<37>	
	29:	<38>	
	30:	<39>	
	31:	<40>	
	32:	<41>	
	33:	<42>	
	34:	<43>	
	35:	<44>	
	36:	<45>	
	37:	<46>	
	38:	<47>	
	39:	<48>	
	40:	<49>	
	41:	<50>	
	42:	<51>	
	43:	<52>	
	44:	<53>	
	45:	<54>	
	46:	<55>	
	47:	<56>	
	48:	<57>	
	49:	<58>	
	50:	<59>	
	51:	<60>	
	52:	<61>	
	53:	<62>	
	54:	<63>	
	55:	<64>	
	56:	<65>	
	57:	<66>	
	58:	<67>	

59: <68>
 60: <69>
 61: <70>
 62: <71>
 63: <72>
 64: <73>
 65: <74>
 66: <75>
 67: <76>
 68: <77>
 69: <78>
 70: <79>
 71: <80>
 72: <81>
 73: <82>
 74: <83>
 75: <84>
 76: <85>
 77: <86>
 78: <87>

Table 15: Math Test Length: 1 Flags: 0

Omit: < >
 Multiple: <*>
 1: <E>
 2: <A>

Table 16: Matcode Length: 3 Flags: 0

Omit: < >
 Multiple: <*>
 1: <31 >
 2: <32 >
 3: <33 >
 4: <34 >
 5: <35 >
 6: <36 >
 7: <37 >
 8: <38 >
 9: <39 >
 10: <40 >
 11: <41 >
 12: <42 >
 13: <43 >
 14: <44 >
 15: <45 >
 16: <46 >
 17: <47 >
 18: <48 >
 19: <49 >
 20: <50 >
 21: <51 >
 22: <52 >
 23: <53 >
 24: <54 >
 25: <55 >
 26: <56 >
 27: <57 >
 28: <58 >
 29: <59 >
 30: <60 >
 31: <61 >
 32: <62 >
 33: <63 >
 34: <64 >
 35: <65 >
 36: <66 >
 37: <67 >

38:	<68 >
39:	<69 >
40:	<70 >
41:	<71 >
42:	<72 >
43:	<73 >
44:	<74 >
45:	<75 >
46:	<76 >
47:	<77 >
48:	<78 >
49:	<79 >
50:	<80 >
51:	<81 >
52:	<82 >
53:	<83 >
54:	<84 >
55:	<85 >
56:	<86 >
57:	<87 >
58:	<88 >
59:	<89 >
60:	<90 >
61:	<91 >
62:	<92 >
63:	<93 >
64:	<94 >
65:	<95 >
66:	<96 >
67:	<97 >
68:	<98 >
69:	<99 >
70:	<100>
71:	<101>
72:	<102>
73:	<103>
74:	<104>
75:	<105>
76:	<106>
77:	<107>
78:	<108>

Table 17: Surname

Length: 1

Flags: 0

Omit:	< >
Multiple:	<*>
1:	<->
2:	<A>
3:	
4:	<C>
5:	<D>
6:	<E>
7:	<F>
8:	<G>
9:	<H>
10:	<I>
11:	<J>
12:	<K>
13:	<L>
14:	<M>
15:	<N>
16:	<O>
17:	<P>
18:	<Q>
19:	<R>
20:	<S>
21:	<T>

22:	<U>	
23:	<V>	
24:	<W>	
25:	<X>	
26:	<Y>	
27:	<Z>	
Table 18: ID TYPE	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<S>	
2:	<F>	
Table 19: Gender	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<M>	
2:	<F>	
Table 20: Citizenship	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<1>	
2:	<2>	
3:	<3>	
4:	<4>	
Table 21: Health Scie App	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<Y>	
2:	<N>	
Table 22: 1	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<1>	
Table 23: 9	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<9>	
Table 24: 2	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<2>	
Table 25:	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<0>	
Table 26: Home Lang	Length: 2	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<01>	
2:	<02>	
3:	<03>	
4:	<04>	
5:	<05>	
6:	<06>	
7:	<07>	
8:	<08>	
9:	<09>	
10:	<10>	
11:	<11>	
12:	<12>	
Table 27: School Lang	Length: 1	Flags: 0
Omit:	< >	
Multiple:	<*>	
1:	<A>	
2:	<E>	
3:	<O>	

Table 28: Classification	Length: 1	Flags: 0
Omit:	< >	
Multiple:	< * >	
1:	< B >	
2:	< C >	
3:	< I >	
4:	< W >	
5:	< O >	
Table 29: Literal	Length: 1	Flags: 0
< Z >		
Table 30: 1ST	Length: 2	Flags: 0
Omit:	< >	
Multiple:	< * >	
1:	< A1 >	
2:	< B1 >	
3:	< C1 >	
4:	< D1 >	
5:	< E1 >	
6:	< Y1 >	
7:	< F1 >	
8:	< G1 >	
9:	< H1 >	
10:	< I1 >	
11:	< J1 >	
12:	< K1 >	
Table 31: 2ND	Length: 2	Flags: 0
Omit:	< >	
Multiple:	< * >	
1:	< A2 >	
2:	< B2 >	
3:	< C2 >	
4:	< D2 >	
5:	< E2 >	
6:	< Y2 >	
7:	< F2 >	
8:	< G2 >	
9:	< H2 >	
10:	< I2 >	
11:	< J2 >	
12:	< K2 >	
Table 32: 3RD	Length: 2	Flags: 0
Omit:	< >	
Multiple:	< * >	
1:	< A3 >	
2:	< B3 >	
3:	< C3 >	
4:	< D3 >	
5:	< E3 >	
6:	< Y3 >	
7:	< F3 >	
8:	< G3 >	
9:	< H3 >	
10:	< I3 >	
11:	< J3 >	
12:	< K3 >	
Table 33: A1	Length: 2	Flags: 0
Omit:	< >	
Multiple:	< * >	
1:	< A1 >	
Table 34: B1	Length: 2	Flags: 0
Omit:	< >	
Multiple:	< * >	
1:	< B1 >	
Table 35: C1	Length: 2	Flags: 0
Omit:	< >	

	Multiple:	< * >	
	1:	< C1 >	
Table 36:	D1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< D1 >	
Table 37:	E1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< E1 >	
Table 38:	Y1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< Y1 >	
Table 39:	F1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< F1 >	
Table 40:	G1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< G1 >	
Table 41:	H1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< H1 >	
Table 42:	I1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< I1 >	
Table 43:	J1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< J1 >	
Table 44:	K1	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< K1 >	
Table 45:	A2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< A2 >	
Table 46:	B2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< B2 >	
Table 47:	C2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< C2 >	
Table 48:	D2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< D2 >	
Table 49:	E2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< E2 >	
Table 50:	Y2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< Y2 >	
Table 51:	F2	Length: 2	Flags: 0
	Omit:	< >	

	Multiple:	< * >	
	1:	< F2 >	
Table 52:	G2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< G2 >	
Table 53:	H2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< H2 >	
Table 54:	I2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< I2 >	
Table 55:	J2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< J2 >	
Table 56:	K2	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< K2 >	
Table 57:	A3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< A3 >	
Table 58:	B3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< B3 >	
Table 59:	C3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< C3 >	
Table 60:	D3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< D3 >	
Table 61:	E3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< E3 >	
Table 62:	Y3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< Y3 >	
Table 63:	F3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< F3 >	
Table 64:	G3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< G3 >	
Table 65:	H3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< H3 >	
Table 66:	I3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< I3 >	
Table 67:	J3	Length: 2	Flags: 0
	Omit:	< >	

	Multiple:	< * >	
	1:	< J3 >	
Table 68:	K3	Length: 2	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< K3 >	
Table 69:	1st Choice	Length: 1	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< A >	
	2:	< B >	
	3:	< C >	
	4:	< D >	
	5:	< E >	
	6:	< Y >	
	7:	< F >	
	8:	< G >	
	9:	< H >	
	10:	< I >	
	11:	< J >	
	12:	< K >	
Table 70:	2nd Choice	Length: 1	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< A >	
	2:	< B >	
	3:	< C >	
	4:	< D >	
	5:	< E >	
	6:	< Y >	
	7:	< F >	
	8:	< G >	
	9:	< H >	
	10:	< I >	
	11:	< J >	
	12:	< K >	
Table 71:	3rd Choice	Length: 1	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< A >	
	2:	< B >	
	3:	< C >	
	4:	< D >	
	5:	< E >	
	6:	< Y >	
	7:	< F >	
	8:	< G >	
	9:	< H >	
	10:	< I >	
	11:	< J >	
	12:	< K >	
Table 72:	y/n	Length: 1	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< Y >	
	2:	< N >	
Table 73:	Home	Length: 1	Flags: 0
	Omit:	< >	
	Multiple:	< * >	
	1:	< R >	
	2:	< U >	
	3:	< I >	
	4:	< T >	
Table 74:	GR12	Length: 1	Flags: 0
	Omit:	< >	

Multiple:	<*>
1:	<A>
2:	<E>
3:	<O>

DOCUMENT SEQUENCE

There is no sequence information for this application

APPLICATION SETTINGS**Application Wide Settings:**

User extension specification:	None
Application Base:	
Assemblies:	
Private Bin Path:	
Inverted transport printing:	No
Limit Bitone Dynamic Threshold:	No
Scan Resolution:	240x120
OMR Light Source:	Infrared (pencil read)
Clipping light Source:	8-Bit Grayscale (non-drop)
SIDIF Compression:	Medium Compression
Back Side Image Processing:	Enabled
Read cell spacing:	.166 OMR From Image
ScanFlex:	Enabled
Minimum Grayboxes:	Enabled
Timing Mark Height/Width Checking:	Enabled
Timing Mark Skew Check and Repair:	Enabled
OMR/Merge Horizontal Adjustment:	
Form ID Adjust Timing Mark 1:	Disabled
Form ID Adjust Timing Mark End:	Disabled
Excessive Thickness Allowance Window:	4 Inch
NCS Header Translation Sentinel:	
Form ID Matching:	Normal

Scanning Read Characteristics

Application read level control:	Keyword
Bubble read controls:	
Mark threshold:	Normal
Discrimination margin:	Medium
Discrimination cutoff:	10
Form ID / litho threshold:	8
Check mark read controls:	
Mark threshold:	Normal
Discrimination margin:	Medium
Discrimination cutoff:	10
Tick mark read controls:	
Mark threshold:	Normal
Discrimination margin:	Medium
Discrimination cutoff:	10

Advanced Application Settings:

Image Quality Sentry Settings:	
Streak Protection:	40%
Overall Protection:	50%
Skip Timing Track:	Yes
Perform OMR Dark Check:	No

DEFAULT APPLICATION CONTEXT**Initial Context Files**

Data file:
 Edit profile:
 Score profile:
 Conversion profile:

Scanning Options

Data file: *** current file bar selection *** (Append)
 Edit profile: *** current file bar selection ***
 Score profile: *** current file bar selection ***
 Conversion profile: *** current file bar selection ***
 Conversion output: *** default *** (Append)
 Starting serial number: 1
 Batch number: 1
 Run number: 1
 Batch date: *** current date ***
 Print position: 1
 Print options: Serial
 Stop on litho errors: Yes
 Stop on thickness errors: Yes
 Stop on system errors: Yes
 Scan-time edit correction: Yes
 Render images flagged for archive: Yes
 Clean archive folders before scanning: Yes
 Offset edit printing: No
 Tick mark read controls:
 Mark threshold: Normal
 Discrimination margin: Medium
 Check mark read controls:
 Mark threshold: Normal
 Discrimination margin: Medium
 Bubble read controls:
 Mark threshold: Normal
 Discrimination margin: Medium

Edit Options

Data file: *** current file bar selection ***
 Edit profile: *** current file bar selection ***
 Edit mode: Edit normally

Conversion Options

Data file: *** current file bar selection ***
 Conversion profile: *** current file bar selection ***
 Conversion output: *** default *** (Append)

Application Totals

Number of documents: 1
 Total number of sheets: 1
 Total number of grids: 59
 Number of sequence descriptors: 0
 Number of record formats: 1
 Total number of fields: 29
 Number of translate tables: 73
 Total size of application (bytes): 27958