INTERNATIONAL STANDARD ISO/IEC 8824-3:1998
TECHNICAL CORRIGENDUM 2

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Information technology — Abstract Syntax Notation One (ASN.1): Constraint specification

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Technologies de l'information — Notation de syntaxe abstraite numéro un (ASN.1): Spécification des contraintes

RECTIFICATIF TECHNIQUE 2

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

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1) Subclause 7.1

Add the reserved words "CONTAINING" *and* "ENCODED" *to the list of reserved words.*

2) Subclause 8.1

Replace the BNF with the following:

```
GeneralConstraint ::=
        UserDefinedConstraint       |
        TableConstraint             |
        ContentsConstraint
```

3) Subclause 8.2

Add a list item "c)" as follows:

c) "ContentsConstraint", in clause 11.

4) Clause 11

Create clause 11 as follows:

11 Contents Constraints

11.1 A contents constraint is specified by the syntax:

```
ContentsConstraint ::=
    CONTAINING Type |
    ENCODED BY Value |
    CONTAINING Type ENCODED BY Value
```

11.2 "Value" shall be a value of type object identifier.

11.3 The "ContentsConstraint" can only be applied to octet string types and bit string types. Such constrained types shall not have further constraints applied to them, either directly or through the use of "typereference" names.

11.4 The first and third alternatives of "ContentsConstraint" specify that the abstract value of the octet string or bit string is an encoding of the "Type". In the first alternative, the Encoding Rules applied to "Type" shall be the same as those applied to the octet string or bit string.

11.5 The second and third alternatives of "ContentsConstraint" specify that the abstract value of the octet string or bit string is the encoding produced by the Encoding Rules identified by the object identifier value, "Value".