

# Renumbering of Source-Code Line Number References

Numeric four-digit source-code line numbers that reference a statement (see Statement Reference Notation - r) are also renumbered if the Natural source program is renumbered. For the user's convenience and to aid in readability and debugging, all source code line number references that occur in a statement, an alphanumeric constant or a comment are renumbered. The position of the source code line number reference in the statement or alphanumeric constant (start, middle, end) does not matter.

The following patterns are recognized as being a valid source code line number reference and are renumbered (*nnnn* is a four-digit number):

Pattern	Sample Statement
( <i>nnnn</i> )	ESCAPE BOTTOM (0150)
( <i>nnnn</i> /	DISPLAY ADDRESS-LINE(0010/1:5)
( <i>nnnn</i> ,	DISPLAY NAME(0010,A10/1:5)

If the left parenthesis or the four-digit number *nnnn* is followed by a blank, or the four-digit number *nnnn* is followed by a period, the pattern is not considered to be a valid source code line number reference.

To avoid that a four-digit number that is contained in an alphanumeric constant is unintentionally renumbered, the constant should be split up and the different parts should be concatenated to form a single value by use of a hyphen.

## Example:

Z := 'XXXX (1234,00) YYYY' should be replaced by  
 Z := 'XXXX (1234' - ',00) YYYY'