 Error 1- Access to directory denied.

  Help: An attempt was made to access a directory without having the required permissions. That directory cannot be accessed.

 Error 2- Unformatted diskette or no disk in drive.

  Help: An attempt was made to either select a drive, copy a file, display the contents of a diskette in a drive containing no diskette or an empty diskette. Insert a correctly formatted diskette or format the diskette.

 Error 3- Unrecognised diskette.

  Help: The diskette inserted in the drive is either damaged or not formatted in standard DOS and UNIX

format. Diskettes containing work programs are formatted in CNI format and cannot be used by the copier.

 Error 4- Diskette with invalid compression or empty.

  Help: An attempt was made to display the contents of a diskette compressed with an unrecognised format or empty.

 Error 5- No file or toggle button selected.

  Help: If files are to be copied to or from a standard DOS- formatted diskette, the source files or the toggle

buttons corresponding to the different file types must be selected. If files are to be copied from the HARD DISK to a standard UNIX-formatted diskette, the source files must be selected.

 Error 6- Illegal configuration.

  Help: You cannot copy a file when both the source and the destination are Drive A.

 Error 7- Write-protected disk.

  Help: You cannot write data to a protected diskette. Slide open the protection tab.

 Error 8- Not enough space in DOS disk.

  Help: The capacity of the diskette is not sufficient to hold all the selected files. Select a smaller amount of files or insert a new diskette.

 Error 9- Disk display not complete. Progressive number of multi-volume diskette incorrect.

  Help: A disk was inserted belonging to a multi-volume backup set. It is possible to display the files

contained in it except for the files shared with the previous diskette. If you want to display all the files of a multi-volume backup, insert all diskettes in the correct sequence.

 Error 10- Incomplete copy from diskette. Progressive number of multi-volume diskette incorrect.

□ □ Help: A disk was inserted belonging to a multi-volume backup set. It is possible to restore all the files contained in it except for the files shared with the previous diskette. If you want to restore all the files of a multi-volume backup, insert all diskettes in the correct sequence

□ Error 11- Failure to copy directories to diskette.

□ □ Help: If the destination diskette is a DOS-formatted diskette, directories cannot be copied. To copy an

entire directory to a DOS diskette, enter in the directory and select all files. The directory copy operation is only permitted if the destination diskette is UNIX formatted.

□ Error 12- Incomplete copy on diskette. Compression of individual files impossible.

□ □ Help: The compression mode only allows compression of directories. Individual files can be copied only in non compressed mode.

□ Error 13- Operation not permitted.

□ □ Help: The following operations are permitted only from within program, subprogram, or work list directories: Creation of new directories, deletion of directories, deletion of files.

□ Error 14- Illegal sort on diskette.

□ □ Help: You tried to sort a diskette. Sorting is only permitted on the hard disk.

□ Error 15- Machine in start.

□ □ Help: This operation is not possible because the NC is in START. Try again when the NC is in STOP.

□ Error 16- Data write error.

□ □ Help: The data has not been saved due to an error which occurred when opening or writing to the file. Be sure that the writing rights of both the file and directory are valid.

□ Error 17- Data read error.

□ □ Help: The data has not been read due to an error which occurred when opening the file. Be sure that the reading rights of both the file and directory are valid.

□ Error 18- Table write error.

□ □ Help: It is not possible to save the data table due to an error which occurred when opening or writing to the file. Be sure that the reading/writing rights of both the file and directory are valid.

□ Error 19- Table read error.

□ □ Help: The table was not read due to an error which occurred when opening the file. Be sure that the file and directory are available and that the reading rights are valid.

□ Error 20- Data not found.

□ □ Help: The data has not been found within the table. Check the initialization file for the presence and correct location of the data.

 Error 21- Data type error

  Help: The data type is not among the acceptable types of data: string, integer, double, etc.

 Error 22- Head not found.

  Help: The head has not been found among those in the center. Check the head table to be sure that it is actually available.

 Error 23- Axis not found.

  Help: The axis has not been found among those in the center. Check the axis table to be sure that it is actually available.

 Error 24- Axis type not found.

  Help: The axis has been declared to be of a type which has not been found among the possible types.

Check the axis initialization file to be sure that the type is actually available.

 Error 25- Spindle not found

  Help: The spindle has not been found among those in the center. Check the spindle table to be sure that it is actually available.

 Error 26- Spindle type not found

  Help: The spindle has been declared to be of a type which has not been found among the possible types. Check the spindle initialization file to be sure that the type is actually available.

 Error 27- Aggregate not found.

  Help: The aggregate has not been found among those memorized. Check the aggregate table to be sure that it is actually available.

 Error 28- Aggregate sub-spindle not found

  Help: The aggregate subspindle has not been found among those memorized. Check the aggregate spindle table to be sure that it is actually available.

 Error 29- Incorrect screw

 Error 30- Tool not found

  Help: The drill bit has not been found among those memorized. Check the drill bit table to be sure that it is actually available.

 Error 31- Origin not found

  Help: The origin has not been found among those memorized. Check the origin table to be sure that it is actually available. Error 32 Wear not found

 Error 32- Wear not found

 Error 33- Tool change not found - incorrect

□ □ Help: The position of the tool change has not been found among those memorized in the center. Check the tool change table to be sure that it is actually available.

□ Error 34- Spindle, sub-spindle not tooled-up

□ □ Help: Either the spindle or the aggregate subspindle has not been tooled up.

□ Error 35- Incorrect centre number

□ □ Help: The set center number is not available in the NC. Be sure that the number is greater than 0 and less than the number of centers declared in the NC.

□ Error 36- Incorrect tool-up number

□ □ Help: The researched tooling number is less than 1. Be sure that an acceptable number has been set.

□ Error 37- Incorrect tool

□ Error 38- Incorrect aggregate

□ Error 39- Incorrect data number

□ □ Help: An erroneous data number is being researched: less than 0 or greater than the maximum limit.

□ Error 40- Offset memorisation error

□ Error 41- Message queue error

□ Error 42- Duplicate name

□ □ Help: The set object name already exists. Set an object name which hasn’t already been edited.

□ Error 43- Out of memory for new objects

□ □ Help: An attempt has been made to insert a new object in a table which is already full. Try the operation again after rebooting the machine.

□ Error 44- Incorrect requested element

□ □ Help: The requested element does not exist because it is either less than 0 or because it exceeds the maximum range.

□ Error 45- File write error

□ □ Help: The attempt to write to the file has failed. Be sure that the writing rights of both the file and directory are valid.

□ Error 46- File read error

□ □ Help: The attempt to read the file has failed. Be sure that the file is available and that the reading rights of both the file and directory are valid.

□ Error 47- An error occurred when saving active tooling-up

□ Error 48- Bit not found in tool change magazine

□ □ Help: The drill bit has not been found in the tool change magazine. Be sure that the tool has been declared in the magazine and that presence flag is 1.

□ Error 49- Incorrect operation in tool change magazine

□ □ Help: An attempt has been made to either retrieve from the tool change magazine a drill bit which is not available or to erroneously place a drill bit in the magazine.

□ Error 50- Incorrect work mode (runtime, interpreted, ...)

□ □ Help: The working mode is not among those managed by the machine: runtime, interpreted, etc.

□ Error 51- Tool cycle not found

□ □ Help: The researched tool cycle has not been found in the available tool cycle table.

□ Error 52- Tool change disabled (tooled manually)

□ □ Help: The tool was installed in the manual mode; therefore, the automatic tooling mode has been disabled. Remove the tool manually until automatic mode is restored.

□ Error 53- No free positions in tool change

□ □ Help: There are no more empty spaces in the magazine to accomodate the tool to be deposited. Check for and free up, if possible, a space in the magazine to continue with the operation.

□ Error 54- Work stopped

□ □ Help: The requested operation cannot be carried out because the machine data server is temporarily busy working on other requests (for example, when copying some data files from a diskette to hard disk using the DSK process). Wait and try again when the operation is finished.

□ Error 55- Machine data being re-loaded

□ □ Help: The machine data server is busy reloading machine data (for example, when copying some data files from a diskette to hard disk using the DSK process). Wait and try again when the operation is finished..

□ Error 56- No data to display

□ □ Help: An attempt is being made to open an object which does not have any data to be visualized.

□ Error 57- Edit field too long

□ □ Help: Too many characters have been edited with respect to the memorization capacity. Eliminate the excess characters and try again.

□ Error 58- Edit size at 0 for a group of data

□ □ Help: None of the characters is acceptable. Check the data structure of the configuration file.

□ Error 59- Description too long

 Error 60- Tool type set not compatible with installed tool

 Error 61- Password level too low to edit required data

  Help: The active password level does not allow for editing the requested data. Change the active password level and try again.

 Error 62- Incorrect password

  Help: The attempt to set a new password has failed due either to a rewriting error or to the fact that it

already exists.

 Error 63- Invalid category

 Error 64- No axis

 Error 65- Axis display number error

  Help: The axis visualization number is either less than 0 or is greater than the maximum number of machine axes. Check the number in the axis user table.

 Error 66- No axis configuration data

 Error 67- No axis type

 Error 68- No axis type configuration data

 Error 69- Spindle type error

  Help: The type of spindle is not among the manageable spindle types: vertical, horizontal, router or special. Check the type in the spindle user table.

 Error 70- No vertical spindles

  Help: There is no vertical spindle in the selected center.

 Error 71- No horizontal spindles

  Help: There is no horizontal spindle in the selected center.

 Error 72- No router spindles

  Help: There is no router-type spindle in the selected center.

 Error 73- No special spindles

  Help: There is no special-type spindle in the selected center.

 Error 74- Vertical spindle number error (>n)

  Help: The number of vertical spindles is greater than the number of center spindles.

 Error 75- Horizontal spindle number error (>n)

  Help: The number of horizontal spindles is greater than the number of center spindles.

 Error 76- Router spindle number error (>n)

□ □ Help: The number of router spindles is greater than the number of center spindles.

□ Error 77- Special spindle number error (>n)

□ □ Help: The number of special spindles is greater than the number of center spindles.

□ Error 78- No spindles

□ □ Help: There are no spindles in the selected center.

□ Error 79- No spindle types

□ Error 80- Spindle number too large

□ Error 81- No spindle type configuration data

□ Error 82- No heads

□ □ Help: There are no heads in the selected center.

□ Error 83- Head number error (>n)

□ Error 84- No head configuration data

□ Error 85- No wear

□ Error 86- Wear number error (>n)

□ Error 87- No wear configuration data

□ Error 88- No origin

□ □ Help: There are no origins in the machine.

□ Error 89- No origin configuration data

□ Error 90- Directory error (non existent or wrong rights)

□ □ Help: The management of the directory has failed. Check the existence of the directory or the directory which contains it, as well as the reading/ writing rights.

□ Error 91- Error in work directory of programs / subprograms / ...

□ Error 92- Directory deletion failed

□ □ Help: The deletion of the directory has failed. Check the existence of the directory or the directory which contains it, as well as the reading/ writing rights.

□ Error 93- Directory creation failed

□ □ Help: The creation of the directory has failed. Check whether or not it already exists and the read- ing/writing rights of the directory which should contain it.

□ Error 94- File deletion failed

□ □ Help: The deletion of the file has failed. Check the existence of the file or the directory which should contain it, as well as the reading/writing rights.

□ Error 95- Too many files open

□ Error 96- File section name error

 Error 97- Error in requested section (not found on file)

  Help: The requested section has not been found in the file. The section will continue to be empty until the file has been saved.

 Error 98- Filename not set error

 Error 99- File open error

  Help: The opening of the file has failed. Be sure that the file is available, and that the reading/writing rights of both the file and directory which should contain the file are valid.

 Error 100- File error

 Error 101- File write error

  Help: The attempt to write to the file has failed. Be sure that the writing rights of both the file and the directory are valid.

 Error 102- File does not appear to be of declared type

  Help: The file has not been recognized as the declared type. Be sure that the file is in the correct directory and that its extension corresponds with its content.

 Error 103- File read error

  Help: The reading of the file has failed. Be sure that the file is available and that the reading rights of both the file and the directory are valid.

 Error 104- Non recognised instruction error

  Help: The instruction is not managed by the running processing version. Check the congruence between the processing version and the instruction.

 Error 105- Parameters string too long

 Error 106- Line cannot be modified (empty or without N).

  Help: The line is either empty or it does not begin with the N command; therefore, it may not be modified. Change lines with the editor cursor and try again.

 Error 107- Unrecognised data type

 Error 108- File in execution

  Help: The machine is executing the file; therefore, it may not be modified. Wait until the execution is finished and try the operation again.

 Error 109- Cannot insert a new line.

  Help: It is not possible to insert a line in this particular cursor position. More than likely it is either in the

middle of a geometric triad or it divides a line which was begun on a preceding line. Change lines with the editor cursor and try again.

 Error 110- Assisted box without title

□ □ Help: The Help: box is without /I instruction and is, therefore, unmanaged. Edit the corresponding file in the box and be sure that the instruction has been correctly inserted.

□ Error 111- Syntax error

□ □ Help: A syntax error has been detected. Follow the instructions in the specific manual.

□ Error 112- Assisted box without ID string

□ □ Help: The Help: box is without /R instruction and is, therefore, unmanaged. Edit the corresponding file in the box and be sure that the instruction has been correctly inserted.

□ Error 113- Useless instruction: Overwritten or not used

□ □ Help: The instruction is useless because it has been overwritten by another instruction of either the same type or its equivalent.

□ Error 114- Assisted box without lines

□ □ Help: The Help: box has no line to be visualized. Edit the corresponding file in the box and be sure that the commands have been correctly set.

□ Error 115- Boring representation error (out of panel)

□ □ Help: The boring has been set outside the panel. Review the set coordinates.

□ Error 116- Incorrect panel corner

□ □ Help: An erroneous reference edge has been set. The allowed values are 1, 2, 3 and 4.

□ Error 117- Incorrect panel side

□ □ Help: An erroneous reference side has been set. The allowed values are 1, 2, 3, 4 and 5.

□ Error 118- Operation not allowed

□ Error 119- The program is not the same in start.

□ Error 120- No unit-of-measurement configuration data

□ Error 121- No aggregates

□ □ Help: There is no aggregate to be visualized for the machine.

□ Error 122- No aggregate configuration data

□ Error 123- No screw configuration data

□ Error 124- No tool change

□ □ Help: There is no tool change magazine to be visualized in the selected center.

□ Error 125- No tool change configuration data

□ Error 126- No tool up configuration data

 Error 127- No general data

  Help: The machine does not manage any general data.

 Error 128- No general data configuration data

 Error 129- No bits

  Help: The machine has no drill bit to be visualized.

 Error 130- No bit configuration data

 Error 131- Message queue destruction error

  Help: The destruction of the queue has failed.

 Error 132- Message reception error

  Help: The reception of a message from the queue has failed.

 Error 133- Shared memory destruction error

  Help: The destruction of the shared memory has failed.

 Error 134- Error in getting shared memory information

  Help: It has not been possible to obtain information on the shared memory.

 Error 135- Error in releasing shared memory

 Error 136- Syntax error in Program. Incorrect line beginning.

  Help: Each line can only begin with one of the following characters: "N", "%". Correct the program line.

 Error 137- Cannot execute Program Line. Incorrect subspindle programmed.

  Help: The programmed sub-spindle number does not exist. Correct the program or define the programmed sub-spindle in the sub- spindles table.

 Error 138- Cannot execute Program Line. Too many data instructions to the PLC.

  Help: Too many instruction of the types T, TH, TP, M, S, KA, WBT, WBY, WW, WL, WF in the same program line. Divide it into several lines.

 Error 139- Cannot execute Program Line. Tool rotation direction mismatch.

  Help: This error is generated after a KB=1 instruction or the activation of a subspindle, for example TP2:3. In both cases check that the direction of rotation of tool, spindle and sub-spindle in the relevant tables match.

 Error 140- Cannot execute Program line. Tool rotation speed out of permissible range.

  Help: This error is generated following a KB=1 instruction or following the activation of a subspindle, for instance TP2:3. In both cases, check that the rotation speed of the tool falls within the minimum and maximum speed range associated to it. Check also that the speed does not exceed the limits defined for the spindle and/or subspindle on which the tool is mounted.

 Error 141- Cannot execute Program line. Tool change instruction error.

  Help: The program contains a KB instruction associated to a spindle not allowing tool changes.

 Error 142- Cannot execute Program line. No tool on spindle.

  Help: The program contains an instruction like T=1,2,3,..., TH=1,2,3,..., TP=1,2,3,..., in which the first spindle in the list following the instruction (in this case 1) has no tool mounted on it. Correct the program, or change the tool- up data of the spindle.

 Error 143- Cannot execute Program line. Non existing spindle.

  Help: The program contains an instruction like T=1,2,3,..., TH=1,2,3,..., TP=1,2,3,..., in which the first spindle in the list following the instruction (in this case 1) does not exist. Correct the program, or define the spindle.

 Error 144- Cannot execute Program line. Programmed tool rotation speed out of permitted range.

  Help: The program contains an S instruction whose operand, which assigns the tool rotation speed, exceeds the permitted range. Check that the programmed rotation speed of the tool falls within the minimum and maximum speed range associated to the tool, and the spindle or subspindle on which the tool is mounted. If the error is generated by a line of the type: TP=1,2,3,... S=1000, check the speed for every spindle activated.

 Error 145- Cannot execute program; Panel size out of permitted range.

  Help: Instructions of the type LX=0, LY=0, LZ=0 have been programmed. Panel sizes must always be greater than 0 (zero). Check the "Parameters" section in the program.

 Error 146- Cannot execute Program line. Circle interpolation with incorrect radius.

  Help: The program contains a circular interpolation instruction with a radius which is less than half of the distance between beginning point and end point. Correct the program.

 Error 147- Cannot execute Program line. Interference in spatial direction X.

  Help: The same program line contains positioning instructions for two axes for which interference control is active (see Overall Dimensions in Heads Table). The execution of the program was stopped to prevent the collision of the heads. Correct the Dimension data for the heads or the positioning values of the axes.

 Error 148- Cannot execute Program line. Interference in spatial direction Y.

  Help: The same program line contains positioning instructions for two axes for which interference control is active (see Overall Dimensions in Heads Table). The execution of the program was stopped to prevent the collision of the heads. Correct the Dimension data for the heads or the positioning values of the axes.

 Error 149- Cannot execute Program line. Interference in spatial direction Z.

□ □ Help: The same program line contains positioning instructions for two axes for which interference control is active (see Overall Dimensions in Heads Table). The execution of the program was stopped to prevent the collision of the heads. Correct the Dimension data for the heads or the positioning values of the axes.

□ Error 150- Program, subprogram, or fixed cycle not found.

□ □ Help: The program, subprogram or fixed cycle to be executed could not be found.

□ Error 151- Cannot execute work list line. Error in interpreting comment string.

□ □ Help: A syntax error was found in the parameter assignment instructions in the Comment field of the Work List line. Check the syntax.

□ Error 152- Cannot execute program. Requested jump to non-existing label.

□ □ Help: JP or JM instructions have been found transferring the execution of the program to a non-existent

label. Correct the program.

□ Error 153- Incorrect origin number.

□ □ Help: The number corresponding to the selected origin (supplied by the PLC) against which the program is to be executed, does not exist. Check that the number is in the 1 to 16 range.

□ Error 154- Cannot execute Program line. Non-recognised G instruction.

□ □ Help: The program contains a G instruction that does not exist. Correct the program.

□ Error 155- Cannot execute Program line. Cannot call subprogram or fixed cycle.

□ □ Help: The nesting level of the called subprogram or fixed cycle is deeper than the maximum allowed level. The maximum nesting level allowed is 4. Correct the program.

□ Error 156- Cannot execute Program line. Incorrect operand of JP instruction.

□ □ Help: The operand of the JP instruction must be of the type: nn,bb where nn is a number in the range 0 to 63, and bb a number in the range 0 to 31. Correct the instruction.

□ Error 157- Cannot execute Program line. Incorrect operand of WBT, WBY, WW, WL, WF instructions.

□ □ Help: The operand of the WBT instruction must be of the type: nn,bb, where nn is number in the range 0 to 255, bb a number in the range 0 to 7. The operand of the WBY instruction must be of the type: nn, where nn is a number in the range 0 to 255. The operand of the WW instruction must be of the type: nn where nn is a number in the range 0 to 127. The operand of the instruction WL must be of the type: nn where nn is a number in the range 0 to 63. The operand of the instruction WF must be of the type: nn where nn is a number in the range 0 to 63. Correct the instruction.

□ Error 158- Incorrect configuration number defined in instruction HC.

□ □ Help: The operand of instruction HC is a number other than that identifying the active configuration of the machine.

□ Error 159- Cannot execute program. Too many labels in file.

□ □ Help: A "non CNI standard" program is being executed, that is program without routing, boring sections, etc. This type of program can contain up to a maximum of 100 labels. Correct the program.

□ Error 160- Cannot execute Program line. Tool change parameters not preset.

□ □ Help: Before programming an instruction of the type KB=1 (tool change), it is always necessary to program an instruction of the type TP=n:<"tool_name", where n is the spindle on which the tool change is to be performed and "tool_name" is the character string identifying the tool to collect. This instruction sets a series of parameters required by the NC. Correct the program.

□ Error 161- Error in tool change parameters preset instruction.

□ □ Help: An error was found in the tool change parameters preset instruction. Check if the programmed spindle accepts tool changes.

□ Error 162- Tool change: cannot unload tool.

□ Error 163- Tool change: cannot pick up tool.

□ Error 164- Cannot execute Program line. G60 programmed without G61.

□ □ Help: To be able to program the positioning of an axis moving in G60 mode it is necessary to first program a line containing the instruction G61.

□ Error 165- Cannot execute Program line. G60 instruction programming error.

□ □ Help: One of the following error cases was detected: 1) Instructions G60 and G61 are present in the same program line. 2) A line containing the instruction G60 contains also instructions of the type M, KA, S, WBT, WBY, WW, WL, WF.

□ Error 166- Cannot execute Program line. KL instruction with incorrect operand.

□ □ Help: The operand of the KL instruction programmed, that defines the "CAR" program step number must be in the range 1 to 16. Correct the program.

□ Error 167 Cannot execute Program line. Centre co-ordinates missing.

□ □ Help: A circular interpolation instruction given the centre has the following syntax: G2 X=n1 Y=n2 I=n3 J=n4 (or G3) where n1, n2 are the co-ordinates of the end point and n3, n4 the co-ordinates of the centre. For some types of operation it may be convenient to program only the end point, since the co-ordinates of the centre remain the same. However, I and J are required and must be assigned in the first G2 instruction. The same rule applies also to spherical interpolation.

□ Error 168 Cannot execute Program line. Radius length missing.

□ □ Help: A circular interpolation instruction given the radius has the following syntax: G4 X=n1 Y=n2 R=n3 (or G5) where n1, n2 are the co-ordinates of the end point and n3 the length of the radius. For some types of operation it may be convenient to program only the end point, since the length of the radius remains the same. However, R is

required and must be assigned in the first G4 instruction. The same rule applies also to elliptical interpolation.

 Error 169- The program requires a tool not loaded in the magazine

  Help: The tool magazine must be tooled up appropriately to execute the program

 Error 170- Non-existing tool associated to spindle.

  Help: The message displayed in the Errors windows shows the number of a spindle to which a non-existing tool was assigned. This error may have been generated following a variation of machine data, the execution of a tool change instruction, or the interpretation of a subspindle activation instruction.

 Error 171- Incorrect Correction Type Data (Tools Table).

  Help: The Correction Type data in the Tools Table can only take the values 0, 1, 2, 14. This error may have been generated following a variation of machine data, the execution of a tool change instruction, or the interpretation of a subspindle activation instruction.

 Error 172- Direction of rotation of Spindle and Subspindle mismatch.

  Help: A subspindle was associated to a spindle but its direction of rotation is not compatible with the spindle's.

 Error 173- Cannot execute Program line. Axis cannot be positioned at this time.

  Help: The programmed movement of the axis cannot be performed because the axis is performing another type of positioning not related with the execution of the program. The program execution procedure must be repeated (STOP RESET).

 Error 174- Generic error in Technical Data Table.

  Help: This error signals a mismatch of the data contained in the Technical Data Tables. To remove the cause of the error, it is necessary to eliminate the errors identified by the GMM code displayed with it.

 Error 175- Bad line start

 Error 176- Cannot execute Program line. Non-existing instruction.

 Error 177- Cannot execute Program line. Bad instruction beginning.

 Error 178- Cannot execute Program line. Equal sign (=) missing.

 Error 179- Cannot execute Program line. Tool number not permitted.

 Error 180- Cannot execute Program line. Delimiter not permitted.

 Error 181- Cannot execute Program line. Incorrect data.

 Error 182- Cannot execute Program line. Incorrect label.

 Error 183- Cannot execute Program line. Open parenthesis missing.

 Error 184- Cannot execute Program line. Closed parenthesis missing.

 Error 185- Cannot execute Program line. Bit to test missing.

 Error 186- Cannot execute Program line. Incorrect bit number.

 Error 187- Cannot execute Program line. Name too long.

 Error 188- Cannot execute Program line. No more space for symbols.

 Error 189- Cannot execute Program line. Colon (":") missing.

 Error 190- Cannot execute Program line. Illegal characters in literal entity.

 Error 191- Cannot execute Program line. Undefined parameter.

 Error 192- Cannot execute Program line. Cannot execute instruction.

 Error 193- Cannot execute Program line. Other instructions in label line.

 Error 194- Cannot execute Program line. Other instructions in end line.

 Error 195- Cannot execute Program line. Message too long.

 Error 196- Cannot execute Program line. Incomplete definition of plane.

 Error 197- Cannot execute Program line. Incorrect definition of three points.

 Error 198- Three points defined with non-existing axis.

 Error 199- Cannot execute Program line. Too many subroutine levels.

 Error 200- Cannot execute Program line. Instruction not permitted with current geometrical calculation.

 Error 201- Cannot execute Program line. Increment instruction on initial unknown value.

 Error 202- Cannot execute Program line. Instruction not permitted with mode G53 enabled.

 Error 203- Cannot execute Program line. Illegal use of PRK.

 Error 204- Cannot execute Program line. Non-blank characters after character ’?’.

 Error 205- Cannot execute Program line. Machine data read error (incorrect setup of QM parameters).

 Error 206- Cannot execute Program line. Machine data write error (incorrect setup of QM parameters).

 Error 207- Cannot execute Program line. Subroutine name missing.

 Error 208- Cannot execute Program line. Routine name does not begin with capital letter.

 Error 209- Cannot execute Program line. Subroutine name with extra characters.

 Error 210- Cannot execute Program line. Incorrect octal constant.

 Error 211- Cannot execute Program line. Geometrical calculation cannot be performed. Mathematical co-processor missing.

 Error 212- Cannot execute Program line. Interpolation impossible: different scale factors of axes.

 Error 213- Cannot execute Program line. Incorrect allocation type.
 Error 214- Cannot execute Program line. Incorrect octal address.
 Error 215- Cannot execute Program line. Incorrect spindle activation instruction.
 Error 216- Cannot execute Program line. Incorrect vector index number.
 Error 217- Cannot execute Program line. Incorrect vector index range.
 Error 218- Cannot execute Program line. Insufficient data space.
 Error 219- Cannot execute Program line. Incorrect PLC<->NC area address.
 Error 220- Cannot execute Program line. Speed or acceleration nil.
 Error 221- Cannot execute Program line. Radius or half-axis nil.
 Error 222- Cannot execute Program line. Incorrect G mode in geometry.
 Error 223- Cannot execute Program line. Unsolved case.
 Error 224- Cannot execute Program line. Impossible for tangent step.
 Error 225- Cannot execute Program line. Not line segments.
 Error 226- Cannot execute Program line. Line segment in rounding not possible.
 Error 227- Cannot execute Program line. Rounding too long.
 Error 228- Cannot execute Program line. Connection radius too long.
 Error 229- Cannot execute Program line. Radius smaller than half distance.
 Error 230- Cannot execute Program line. Arc longer than 2*pi.
 Error 231- Cannot execute Program line. Length smaller than DX.
 Error 232- Cannot execute Program line. Length smaller than DY.
 Error 233- Cannot execute Program line. No intersection.
 Error 234- Cannot execute Program line. Point on line.
 Error 235- Cannot execute Program line. Point in opposite direction.
 Error 236- Cannot execute Program line. Point internal to the circle.
 Error 237- Cannot execute Program line. Point on circumference.
 Error 238- Cannot execute Program line. Direction must agree.
 Error 239- Cannot execute Program line. Contained circumference.
 Error 240- Cannot execute Program line. Nil radius.
 Error 241- Cannot execute Program line. Line parallel to X.
 Error 242- Cannot execute Program line. Line parallel to Y.
 Error 243- Cannot execute Program line. Not implemented.
 Error 244- Cannot execute Program line. Syntax error.

 Error 245- Cannot execute Program line. Operator or closed parenthesis missing.

 Error 246- Cannot execute Program line. An operand is missing.

 Error 247- Cannot execute Program line. Undefined function.

 Error 248- Cannot execute Program line. Too many closed parenthesis.

 Error 249- Cannot execute Program line. Too many suspended operations.

 Error 250- Cannot execute Program line. Incorrect constant.

 Error 251- Cannot execute Program line. Closed parenthesis missing.

 Error 252- Cannot execute Program line. Division by zero.

 Error 253- Cannot execute Program line. Negative value root.

 Error 254- Cannot execute Program line. Open parenthesis required.

 Error 255- Cannot execute Program line. String end missing.

 Error 256- Cannot execute Program line. Run out of string space.

 Error 257- Cannot execute Program line. String too long.

 Error 258- Cannot execute Program line. Type mismatch.

 Error 259- Cannot execute Program line. Incorrect number of parameters.

 Error 260- Cannot execute Program line. Base zero and non-positive exponent.

 Error 261- Cannot execute Program line. Base negative and non-integer exponent.

 Error 262- Cannot execute Program line. Overflow during conversion.

 Error 263- Cannot execute Program line. Illegal number of bytes.

 Error 264- Cannot execute Program line. Cannot get symbolic value.

 Error 265- Cannot execute Program line. Illegal ASCII code.

 Error 266- Cannot execute Program line. Undefined angle.

 Error 267- Cannot execute Program line. Illegal bit index.

 Error 268- Cannot execute Program line. Illegal read mode.

 Error 269- Tool rotation speed out of permitted range.

  Help: Check that the tool rotation speed falls within the minimum and maximum speed range associated to it. Check also that this speed does not exceed the range defined for the spindle and/or subspindle on which the tool is mounted.

 Error 270- Router Spindles Correctors Table. Wrong inverter number.

  Help: The number of the inverter linked to the specified router spindle is not correct since it must be in the range 0 to n- 1 where n is the number of the inverters on the machine.

 Error 271- Router Spindles Correctors Table; Inverter already assigned to another centre.

  Help: Spindles belonging to different centres connected to the same inverter cannot be defined.

 Error 272- Cannot execute Program line. Too many dynamic inverters programmed.

  Help: It is not possible to program a router spindle list with over 5 spindles for which the associated inverter number is defined by the PLC "dynamically".

 Error 273- Cannot supply the PLC with information on the next program to execute.

  Help: The NC can supply to the PLC some data (for instance LX, LY, LZ, etc.) relative to the program that will be executed at the end of the program currently executed. This information is not available in the following cases: 1) The program being executed is the last in the work list and the number of times that it has been executed corresponds to the preset value. 2) The next program to be executed is a "non CNI standard" program and therefore it does not contain a parameter section. 3) The next program to be executed after the current program does not exist.

 Error 274- The inverter on a spindle without tool was actuated.

  Help: The PLC actuated a spindle without a tool mounted.

 Error 275- NC in emergency.

  Help: The NC detected the trigger of the Emergency signal belonging to the PLC-NC exchange signals.

 Error 276- The PLC commanded a coincidence yet to be defined.

  Help: Check the PLC program.

 Error 277- Technical data. Direction of rotation of spindle and tool mismatch.

  Help: When loading Technical Data, the NC detected that the direction of rotation of the tool associated to the spindle does not match with the direction of rotation of the spindle. Change the Machine Data as necessary.

 Error 278- Technical Data. Non existing tool

  Help: A non existing tool was associated to the spindle. Change the Spindles Configuration Table as necessary.

 Error 279- Tools Table. Unrecognised correction type.

  Help: At present 4 possible values are accepted: 0, 1, 2, 14. Correct the Correction Type data in the Tools Table.

 Error 280- Technical Data. Direction of rotation of spindle and subspindle mismatch.

  Help: When loading Technical Data, the NC detected that the direction of rotation of the subspindle does not match with the direction of rotation of the spindle. Change the Machine Data as necessary.

 Error 281- Movement cannot be performed.

□ □ Help: The axis cannot perform the movement required because it is already being moved.

□ Error 282- Technical Data. The tool declared in the magazine does not exist.

□ □ Help: Non-existing bits (or aggregates) cannot be declared to a magazine position. Change the technical data as necessary.

□ Error 283- Inverter not ready.

□ □ Help: The spindle associated to the inverter did not reach its work speed within the preset time interval. This time interval is set in an XNC configuration file. Check the setup data of the inverted for what concerns to the programmed time interval.

□ Error 284- Speed out of safety range.

□ □ Help: Once the spindle has reached its correct work speed, the XNC monitors periodically that the speed of the spindle remains in the range WS +-0, 1WS, where WS is the work speed. If the speed is found to be out of

this range, the inverter is stopped.

□ Error 285- Drive over temperature.

□ Error 286- Motor over temperature.

□ Error 287- Overload.

□ Error 288- Current pick trip.

□ Error 289- Power supply fail.

□ Error 290- Undervoltage trip.

□ Error 291- Overvoltage trip.

□ Error 292- Phase loss.

□ Error 293- Current loop loss.

□ Error 294- Error flag.

□ Error 295- Movement not possible. PLC not running.

□ □ Help: Check that the PLC is running.

□ Error 296- Movement not possible. Machine in emergency status.

□ □ Help: Remove the conditions causing the emergency status.

□ Error 297- Movement of machine not enabled.

□ □ Help: This error occurs only during remote servicing. Movements cannot be commanded from the remote NC.

□ Error 298- Movement not possible. Technical Data Table modified.

□ □ Help: An attempt was made to issue a movement command after changing at least one data of the

Technical Data Tables, without saving or cancelling the changes. Save or cancel the changes.

 Error 299- Movement not possible. Technical Data Table mismatch.

  Help: Changes have been made to the Technical Data Tables that caused the data to mismatch or be incongruous. Correct the Technical Data Tables as necessary.

 Error 300- Start command not permitted. Program contains an error.

  Help: The execution of a program cannot be resumed after it was interrupted following the detection of an error. The execution of the program must be stopped (STOP and RESET) and the program modified to remove the error.

 Error 301- Modified data. +/- sign not at the beginning or unexpected.

  Help: Characters + and - can only appear at the beginning of the data. Enter the data correctly.

 Error 302- Modified data. More than one '.' character.

  Help: The character . is used to separate the whole from the fractional portion of the data. It can appear only once. Enter the data correctly.

 Error 303- Modified data. Too many non-decimal digits.

  Help: The permitted number of digits in the whole portion of the number was exceeded. Enter the data correctly.

 Error 304- Modified data. Too many decimal digits.

  Help: The permitted number of digits in the fractional portion of the number was exceeded. Enter the data correctly.

 Error 305- Modified data. Unexpected character.

  Help: A non-permitted type of character was entered. For instance, a alphabetic character was entered in a numeric field, or in a positive-only field the - character was entered.

 Error 306- Impossible to move. Axis blocked by PLC.

  Help: The PLC is blocking the axis. Remove the conditions causing the block of the axis.

 Error 307- Impossible to move. Axis Homing.

  Help: An attempt was made to move an axis while the same was homing. Wait for the homing procedure to end.

 Error 308- Impossible to move. Axis jogging.

  Help: An attempt was made to move an axis while the same was being moved manually (jog). Wait for the manual movement to end

 Error 309- Impossible to move. Axis in preset movement.

  Help: An attempt was made to move an axis while the same was executing a preset movement. Wait for the preset movement to end.

 Error 310- Homing not enabled.

  Help: An attempt was made to home an axis not enabled to this function.

 Error 311- Impossible to move. Display-only axis.

  Help: An attempt was made to move an axis not enabled to perform any movement.

 Error 312- Impossible to move. Axis not calibrated.

  Help: An attempt was made to move an axis that had not been homed. Home the axis and repeat the operation.

 Error 313- Impossible to move. Execution of a single step.

  Help: An attempt was made to move an axis while a "single step" movement was being executed. Press STOP to interrupt the "single step" movement, otherwise wait until its end.

 Error 314- Impossible to move. Machine in start.

 Error 315- Reset not permitted. Machine homing.

  Help: The RESET button was pressed while a homing operation was being performed. To stop the homing, press STOP, otherwise wait until the homing operation ends.

 Error 316- Reset not permitted; Machine jogging.

  Help: RESET button has been pushed with a manual movement in progress. To interrupt manual movement, push STOP; otherwise, wait for it to finish.

 Error 317- Reset not permitted; Machine in preset movement.

  Help: The RESET button was pressed while a preset movement operation was being performed. To stop the preset movement, press STOP, otherwise wait until the homing operation ends.

 Error 318- Reset not permitted; Machine in start.

  Help: The RESET button was pressed during the execution of a program. To suspend the execution of the program, press STOP. To stop and cancel the execution of the program, press STOP and RESET.

 Error 319- Homing not permitted. Machine already received a command.

  Help: A homing command was issued during the movement of one or more axes. To stop the movement, press STOP, otherwise wait until this ends before issuing the homing command.

 Error 320- Impossible to move. Execution of a program.

  Help: A homing command was issued, or the execution of a program was attempted during the execution of a program. To suspend the execution of the program, press STOP. To stop and cancel the execution of the program, press STOP and RESET.

 Error 321- Start with non-existent single step function.

  Help: The "single step" function was activate without entering the program line to execute. Enter the program line before pressing START.

 Error 322- Program name to start not specified or with illegal characters.

  Help: An attempt was made to execute a program having an invalid name. For instance, the name contains an asterisk (*) or no name was specified.

 Error 323- Incorrect spindle selected.

  Help: A reference spindle was selected not connected to the axis actuated. Select one connected to the axis.

 Error 324- Attempt to write to the active configuration with machine in start.

  Help: It is not possible to change the active configuration during the execution of a program. To change the configuration, stop the execution of the program by pressing STOP and RESET.

 Error 325- Incorrect break write. Type program step first.

  Help: To insert a Break instruction in a program line enter the number of the line at which the execution is to stop, and if necessary, the name of subprogram or fixed cycle. Example: 10 G99 interrupts the execution at line 10 of fixed cycle G99.

 Error 326- On-line Help: not available.

  Help: A Help: description may not yet be available for some errors. Update the on-line Errors Help: to a newer version.

 Error 327- Incorrect program name in work list line.

  Help: The name of the program in the work list line contains the '*' character that cannot be accepted. Change the name of the program.

 Error 328- Piece counter greater than or equal to amount to manufacture.

  Help: The "AMOUNT" field on the work list cannot be set to value greater than that contained in the "PRESET" field. Change the value of one of the fields.

 Error 329- Non-existent work list file.

  Help: An attempt was made to access a work list file which does not exist or which is protected. Check that the file is correct.

 Error 330- Attempt to read work list file failed.

  Help: The attempt to read the work list file failed. The file contains meaningless data or is not a work list file. Check that the file is correct.

 Error 331- Attempt to write work list file failed.

  Help: The attempt to write the work list file failed. The file is protected or the data is meaningless. Check that the file is correct.

 Error 332- Could not find label of JMP instruction.

□ □ Help: A jump (JMP) instruction was found pointing to a non existent label. Check that the label name is written correctly.

□ Error 333- Too many characters received from BARCODE serial line

□ Error 334- Null line received from BARCODE serial line.

□ Error 335- A line was received with unsuitable machine status.

□ Error 336- Axis at software end of range UP.

□ □ Help: Move the axis below the UP end of range value.

□ Error 337- Axis at software end of range DOWN.

□ □ Help: Move the axis above the DOWN end of range value.

□ Error 338- Follow up error for positive feedback.

□ □ Help: The inversion of the encoder phases or the analogue reference polarity is possible. The counting direction may be changed in the wiring or by changing the sign of machine data 4 (number of encoder impulses). The polarity of the reference can be inverted in the wiring or by changing the sign of machine data 14 (position loop gain).

□ Error 339- Axis not calibrated. Homing must be performed.

□ □ Help: Incremental encoders do not guarantee the position of the axis after a power off of the numerical control. Only manual movements (jog) are permitted.

□ Error 340- A null speed was set.

□ □ Help: Null speeds are not permitted in machine data. Movements using them will not be executed.

□ Error 341- Incorrect auxiliary voltage on RCX2 card (+/-12V).

□ □ Help: Check +12 and -12 voltages outputted by the power supply. If the voltage values are correct, it is possible that the axis card is malfunctioning.

□ Error 342- Follow up error. Insufficient speed.

□ □ Help: Check the correct setting of machine data 17 (maximum follow-up error), 8 (maximum speed), 20 (maximum positioning speed) as indicated in the machine data description.

□ Error 343- Insufficient interpretation time of interpolation block.

□ □ Help: Decrease the forward speed F of the program being executed.

□ Error 344- Insufficient interpretation time of positioning block.

□ □ Help: Decrease the forward speed of the indicated axis in program being executed.

□ Error 345- Incorrect tracing cycle. Step without cycle end.

□ □ Help: Insert instruction M254 in the program being executed at the end of the tracing cycle.

□ Error 346- Division by zero.

□ □ Help: Control PLC program logic.

□ Error 347- I/O device missing or incorrectly defined.

□ □ Help: Control name and existence of indicated device.

□ Error 348- Positioning not completed. Excessive offset tension.

□ □ Help: a) Check that machine data 15 (positioning end advance) is not nil. b) Check that a few seconds have passed from the trigger of the Drive OK signal to the first movement command, to allow automatic offset compensation. c) Check the drive offset calibration. d) Check that the NC is correctly wired to the drives.

□ Error 349- Interpolation not completed. Excessive offset tension.

□ □ Help: a) Check that machine data 16 (interp. end advance) is not nil. b) Check that a few seconds have passed from the trigger of the Drive OK signal to the first movement command, to allow automatic offset compensation. c) Check the drive offset calibration. d) Check that the NC is correctly wired to the drives.

□ Error 350- Circular interpolation (G4/G5). Radius too small.

□ □ Help: The value of the radius is less than half the distance between the beginning point and the end point of the arc.

□ Error 351- Positioning start not permitted. Drive signal not OK.

□ □ Help: A drive OK signal for the relevant axis must be supplied.

□ Error 352- Interpolation start not permitted. Drive signal not OK.

□ □ Help: A drive OK signal must be supplied for the axis to perform the interpolated movement.

□ Error 353- Positioning out of software range.

□ □ Help: The program being started requires the indicated axis to move to a position external to the permitted range.

□ Error 354- Circular interpolation (G2/G3). Final radius not correct.

□ □ Help: The difference between the beginning and the end radii is greater than the minimum permitted (general machine data 12).

□ Error 355- Hardware error on RCX2 card.

□ □ Help: Axis card RCX2 may be malfunctioning.

□ Error 356- Error on phase signals from the encoder.

□ □ Help: Check the correct connection of the encoder to the NC and the correct operation of the encoder.

□ Error 357- Programming error. Cycle end code with tool radius correction set.

□ □ Help: a) Check the presence of instruction G40 at the end of the working. b) Check that instructions G41 or G42 are not followed by instructions T, TP, M, S (instruction causing a cycle end).

 Error 358- Ellipsis (G7/G8); Beginning point not on curve.

  Help: Programming error at the beginning point of the ellipsis.

 Error 359- Ellipsis (G7/G8); End point not on curve.

  Help: Programming error at the end point of the ellipsis.

 Error 360- Ellipsis (G7/G8); Intersection with non tangent ellipsis or circle.

  Help: In tool radius correction, the intersection of an ellipsis with other non-tangent steps.

 Error 361- Radius of tool greater than radius of circle or ellipsis.

  Help: This step cannot be performed with the selected tool: working radius too small.

 Error 362- Variable does not exist.

  Help: The variable entered was not found in the exchange signals or in the global variables of the dynamically-loaded PLC program. Check that the variable name is written correctly.

 Error 363- Dynamic loading of PLC program not possible.

  Help: It is not possible to load a PLC program while another PLC program is being executed. Stop the PLC program before loading.

 Error 364- Failed attempt to save PLC variables file.

  Help: The file with the global or exchange variables of the PLC could not be saved.

 Error 365- Saving of PLC variables file incomplete.

  Help: A part of the file containing the global or exchange variable of the PLC program could not be saved. Retry.

 Error 366- Failed attempt to read PLC variables file.

  Help: The file with the global or exchange variables of the PLC program could not be read.

 Error 367- Reading of PLC variables file incomplete.

  Help: A part of the file containing the global or exchange variable of the PLC program could not be read.

Retry.

 Error 368- Trace cannot be enabled. Press the stop button.

  Help: To start the trace option, disable the debugger by clicking on the stop button with the mouse.

 Error 369- Not a Boolean variable.

  Help: The variable edited exists but is not a Boolean variable. Tracing can be triggered only with Boolean variables.

 Error 370- Machine in start.

  Help: An attempt was made to HALT the PLC with the machine moving. To HALT the PLC, press sequen- tially the STOP and RESET keys.

 Error 371- PLC not yet initialised.

  Help: An attempt was made to set the PLC to GO even if isaker was not yet initialised. Check if the isaker process has been launched.

 Error 372- HALT

  Help: Start the PLC before resuming work.

 Error 373- PLC cycle too long.

  Help: Check the PLC program. Notify CNI if this error occurs frequently.

 Error 374- Device not found.

  Help: Hardware problem or incorrect machine configuration.

 Error 375- Time-out during communication with a device

  Help: Possible hardware problem.

 Error 376- Operation failed

  Help: Refer to the following messages.

 Error 377- Operation permitted only with PLC in HALT

  Help: HALT the PLC.

 Error 378- Program load failed

  Help: Check the name of the PLC program set.

 Error 379- Not enough memory for the PLC program.

  Help: Notify CNI.

 Error 380- Tool change not possible. The spindle was tooled manually.

  Help: The spindle must be re-defined with a tool change.

 Error 381- Start on non-existing intermediate step.

  Help: The intermediate start step number must exist in the selected section.

 Error 382- Generic error.

 Error 383- Edit does not meet set conditions.

 Error 384- Incorrect file name.

 Error 385- Duplicate label.

 Error 386- Erroneous definition of the right and left limits of the critical zone.

  Help: The left limit of the critical zone must be less than the right limit. Edit the data in the GENERAL section of the Technical Data.

 Error 387- Irreversible HALT.

  Help: Turn machine off and then on.

 Error 388- PLC cycle greater than nominal period.

  Help: Check the PLC program. Notify CNI if this error occurs frequently.

 Error 389- Erroneous G66 programming

  Help: The axes programmed in a step in which the G66 is present must belong to the same line.

 Error 390- No non-volatile memory available.

  Help: Possible hardware problem.

 Error 391- I/O configuration not set.

  Help: Set the I/O configuration.

 Error 392- IOS card missing or incomplete.

  Help: Hardware problem or incorrect machine configuration.

 Error 393- I/O module missing.

  Help: Hardware problem or incorrect machine configuration.

 Error 394- An instruction LX,LY,LZ is missing.

  Help: The first step is missing one of the definition instructions LX= LY= or LZ= of the dimensions of the panel. Correct the program.

 Error 395- The inverter did not receive the command sent; try the transmission again.

  Help: Check the hardware related to the serial connection with the inverter. Check the serial communication parameters set on the inverter. Check the address of the inverter.

 Error 396- Failed dialogue with the inverter.

  Help: Check the hardware related to the serial connection with the inverter. Check the serial communication parameters set on the inverter. Check the address of the inverter.

 Error 397- Initial direction of unknown value. Geometric error.

 Error 398- Different initial and final radiuses.

 Error 399- The programmed point does not belong to the ellipse.

 Error 400- The ellipse cannot be rotated.

 Error 401- Program end with open geometric sequence.

 Error 402- Program end with active tool correction.

 Error 403- An incremental axis was used in the triad definition.

 Error 404- The xy plane was not defined.

 Error 405- No step to apply the correction to the radius tool.

 Error 406- Positioning during the correction of the radius tool.

 Error 407- E 1 : The object has not a valid solution (SOLMNG)

 Error 408- W 1 : Mirror spindle not specified or not found (READDM)

 Error 409- W 1 : Two equal point found at the same quote, one point will be deleted (Point optimizer module)

 Error 410- Problems starting connection with remote host.

  Help: Connection with the remote host failed. Verify that cables are still in good conditions and connectors are still at their place. Verify also that login and password are the correct ones.

 Error 411- Problems sending file to the remote host.

  Help: It is impossible to send the file to the remote host. Verify that cables are still in good conditions and connectors are still at their place. Verify also write permissions on the remote host.

 Error 412- Problems receiving file from the remote host.

  Help: It is impossible to receive the file from the remote host. Verify that cables are still in good conditions and connectors are still at their place. Verify also read permissions and the file existence on the remote host.

 Error 413- Problems deleting remote file.

  Help: It is impossible to delete the file from the remote host. Verify that cables are still in good conditions and connectors are still at their place. Verify also write permissions and the file existence on the remote host.

 Error 414- Problems reading remote directory.

  Help: It is impossible to receive the directory list from the remote host. Verify that cables are still in good conditions and connectors are still at their place. Verify also the directory existence on the remote host.

 Error 415- Problems creating remote directory.

  Help: It is impossible to create the directory on the remote host. Verify that cables are still in good conditions and connectors are still at their place. Verify also write permissions on the remote host.

 Error 416- Problems deleting remote directory.

  Help: It is impossible to delete the directory on the remote host. Verify that cables are still in good conditions and connectors are still at their place. Verify also write permissions on the remote host.

 Error 417- Problems closing connection with the remote host.

  Help: Disconnection with the remote host failed. Verify that cables are still in good conditions and connectors are still at their place.

 Error 418- Cannot execute Operation because drawing program.

  Help: Cannot execute Operation because drawing program. Repeat the Operation.

 Error 419- E 1 : Spindles with the same offsets (READDM)

  Help: There are one or more spindles with coinciding x y and z offsets.

 Error 420- F 1 : Machine Data Server has returned error (READDM)

  Help: An error has occurred in the reading of the machine data.

 Error 421- F 6 : Invalid axes number (READDM)

  Help: An axis not present in the machine is connected to the spindle head.

 Error 422- Interpolation disabled

  Help: To allow interpolation, first define the default interpolating axis set (tables - AXIS system)

 Error 423- AX= instruction error

  Help: To allow programming of the AX= instruction, interpolation must be enabled and the stated axes must be interpolating

 Error 424- Hold on both X axes (2 heads)

  Help: Both X axes are placed in hold for 2 head type interference

 Error 425- Hold on one X axis (2 heads)

  Help: One of the 2 X axes is placed in hold for 2 head type interference

 Error 426- Interference on both X axes (2 heads)

  Help: Interference on both X axes (2 heads): BITINT bit supplied to PLC

 Error 427- Instantaneous wear correction impossible

  Help: PLC can command an instantaneous wear change only if the PIC signal is at 1 and if a drill bit is fit on the reference spindle.

 Error 428- Program file in editor.

  Help: The file or directory you are attempting to copy or delete is now loaded in program editor and a different version could be saved. To copy or delete it, change the file in editor.

 Error 429- Work list file being edited or executed.

  Help: The file or directory you are attempting to copy or delete is now loaded in the work list editor. To copy or delete it, you must first close the work list editor, or load a different file in it.

 Error 430- All units for manual movement occupied. Movement cannot be performed.

  Help: A non-program movement has been commanded (ex. JOG/MDI...); or a program movement has

been commanded in G66 mode but there are no free units. Movement not possible. Reduce number of simultaneous movements ordered.

 Error 431- You cannot program more than 3 axes in G66 mode.

  Help: A maximum of 3 axes may be commanded in G66 mode. Modify the program.

 Error 432- Peripheral device not working.

  Help: Possible electrical problem.

 Error 433- Data in non-volatile storage do not conform to PLC program.

  Help: Hardware problem, or new program has been installed.

 Error 434- Column pointer indication missing.

  Help: To debug a matrix element, you have to specify the column number in the edit field of the "Variable Type" window.

 Error 435- Center section missing from program file (subroutine, fixed cycle).

  Help: You are probably executing a program that is incompatible with the number of centers for the machine in use.

 Error 436- Program file (subroutine, fixed cycle) contains center section inappropriate to machine

  Help: You are probably executing a program that is incompatible with the number of centers for the machine in use.

 Error 437- Operation not permitted.

  Help: Compressed file copy or total backup are permitted only with UNIX disks and not with DOS disks.

 Error 438- File copy not permitted.

  Help: You cannot copy machine data from a remote unit when the local machine is in start. The local machine must be set to stop before the copy operation can take place.

 Error 439- Write-protected File.

  Help: The file you are attempting to copy in remote unit is in execution or loaded in program editor or loaded in the work list editor.

 Error 440- Error reading configuration file.

 Error 441- Error making data area.

 Error 442- Error memory allocation

 Error 443- Error reading file.

 Error 444- Tooling not loaded

 Error 445- Problem in object replacing

 Error 446- Error in left configuration reading

 Error 447- Error in right configuration reading

 Error 448- No space to locate left configuration

 Error 449- No space to locate right configuration

 Error 450- Different file version

 Error 451- Tooling file read error

 Error 452- File saving error

 Error 453- Panel graphics error

 Error 454- Temporary file opening error

 Error 455- Paragraph write error

 Error 456- DXF file read error

 Error 457- File label management error

  Help: The graphics process of a program is unable to correctly load the label structures for possible cause jumps (empty or damaged file). Try to edit with editor and then save?

 Error 458- Probable division by 0

  Help: Division by 0 has occurred during calculation due to truncation or incorrect input data.

 Error 459- One or more holes coincide

  Help: You are trying to insert one or more holes having the same characteristics as existing holes.

 Error 460- Incompatible version of machine data server

  Help: Active version of machine data server is incompatible with the process. Some edit or save operations may be unsuccessful. Contact CNI.

 Error 461- Time out in dialog with machine data server

  Help: The machine data server does not respond to request. Version may be incompatible or server is no longer active.

 Error 462- Machine data server is in read only mode

  Help: Data cannot be written because they are blocked by another process or because machine is in start.

 Error 463- Aggregate has no subspindles

  Help: The aggregate selected has no subspindles to display.

 Error 464- No subspindle configuration data

  Help: The subspindle tables have no data to display because the active password does not permit editing.

 Error 465- No tool cycle found

  Help: There are no tool cycles to display.

 Error 466- No tool cycle configuration data

  Help: The tool cycles table has no data to display because the active password does not permit editing.

 Error 467- Nvram init. error

  Help: Novram not available: update hardware

 Error 468- Read error from config. file such as homing with resolver

  Help: Update machine configuration file

 Error 469- Axis not enabled for homing

  Help: Modify PLC program

 Error 470- Impossible to define an MDI from PLC in a group with axes in positioning and axes in homing condition

  Help: Modify PLC program

 Error 471- Cannot open file: already used for other processes.

  Help: Wait for file to be closed by current user.

 Error 472- Cannot execute a save-as operation with files of different type.

  Help: You are probably trying to save an ASCII file as a program (operation not allowed).

 Error 473- Move not allowed in tool radius correction.

 Error 474- Axis already programmed.

 Error 475- Can’t find the new reference system.

 Error 476- Points are on the same line.

 Error 477- Trihedral xyz is undefined.

 Error 478- Interpolation mode not allowed for incremental axis.

 Error 479- No. of steps pre-interpreted by axes line is too large.

  Help: Control data for interpreter levels no. and preinterpreted steps no. on line system table.

 Error 480- Wrong connected head number.

  Help: Control spindle technical data (connected head).

 Error 481- Read problem in tooling section of current program.

  Help: Re-edit information on mobile tables and suction cups

 Error 482- Display module problem (mobile tables and suction cups).

□ □ Help: Control that display module address corresponds to that on DISPLAY system table. Control serial connection if necessary.

□ Error 483- Tooling file print error.

□ Error 484- Operation not allowed because file has been changed.

□ Error 485- Stop not associated with an origin.

□ □ Help: It is not possible to automatically reposition a stop which is not associated with an origin.

□ Error 486- Error in the creation of associated tooling.

□ □ Help: Check Origin Data (Origin Table) and Panel Dimensions (System table Translation Data).

□ Error 487- Error in calculation of active origin.

□ □ Help: Select as active origin the one relative to the loaded panel.

□ Error 488- No panel installed on active origin.

□ □ Help: Load a panel on the active origin.

□ Error 489- Error in calculation of origin relative to associated tooling.

□ □ Help: Check Origin Data (Origin Table) relative to active origin.

□ Error 490- Error in calculation of first working table relative to active tooling.

□ □ Help: Be sure that a working table with a stop associated with the active origin is available.

□ Error 491- Error in calculation of first working table relative to associated tooling.

□ □ Help: Be sure that a working table with a stop associated with the origin relative to the associated tooling is available.

□ Error 492- Problem of inconsistency between origin relative to active tooling and origin relative to associated tooling.

□ □ Help: Check Origin Data (Origin Table) relative both to active and associated origin.

□ Error 493- Number of interpreter levels is insufficient.

□ Error 494- Interfering axes interblock gap.

□ Error 495- Failure writing to HD.

□ □ Help: It is impossible to open the file during a writing operation. Be sure that the file is not being edited.

□ Error 496- Failure formatting diskette.

□ □ Help: The diskette may be defective. Substitute it.

□ Error 497- File not copied on HD.

□ Error 498- Attention! File dimensions greater than 64 Kb.

□ □ Help: The copy will be interrupted because of a deposit buffer which is too small for what is to be deposited.