cspsVer.9.8.31     2011-09-15  19:21:16

(Zip Format Install)

OSP Software Management Data Card

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                              OSP-P200LA

< Type of Machine >

                              LB3000M

                              1SC-500

                              V12

< Soft Production No >

                              #02130

< Project No >

                              P155716

< Software Production Date >

                              2011-09-15

===========================[ Customer Data ]==================================

< Name >

             O.A.C.

< Address >

             USA

< Phone >

< Customer >

             O.A.C.  L5A50309

< Address >

             USA

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===========================[ NOTE ]===========================================

< Note NO.1 >

< Special Spec >

< Comment >

             1  09-15-11  SO# 344779  P# 744300

===========================[ CD Media Version Data ]==========================

[ Windows System CD Version ]

  01

[ OSP System CD Version ]

  03

===========================[ Soft Version Excepted OSP System CD ]============

[ Windows System Version ]

  5.0.0.E

============================[ Package Soft composition ]======================

[ NC INSTALLER ]

     INST106C

[ REALTIME OS DRIVER ]

     VDRV200B

\*\*START

[ REALTIME OS ]

     VSYS200D

[ NC CONTROL ]

     LNC-288P-05-P200A

[ NC CONTROL MESSAGE ]

     LNC-288P-05-ENG-P200A

[ PLC SYSTEM ]

     PLCS200C

[ PLC SYSTEM MESSAGE ]

ccdrps-pv1.33                    - 1/7 - <W01><O03><          LB3000><P155716>

        [N/A]

[ NC ALARM HELP ]

     LPA-102P-ENG

[ NC MAMUAL ]

     LPM-100G-ENG

[ P100 TOOL ]

     UTY-002F

[ PLC CONTROL ]

     LU2-102G

[ ONE TOUCH IGF ]

        [N/A]

[ ONE TOUCH IGF MESSAGE ]

        [N/A]

[ VERTICAL FUNCTION KEY ]

     SVFKA253A

[ VERTICAL FUNCTION KEY MESSAGE ]

     LVFKA253A

[ CUSTOM API ]

     LCAPI-003K

[ SAFETY CONTROL ]

     SFTY001C

ccdrps-pv1.33                    - 2/7 - <W01><O03><          LB3000><P155716>

============================[ NC Custom Soft composition ]=====================

[ LPP ]

     C:\OSP-P\P-MANUAL\LPP\ENG\LPP512T-ENG.CNT

     C:\OSP-P\P-MANUAL\LPP\ENG\\*

[ HMI ]

     C:\OSP-P\HMI\PDSN401-LU100K.DLL

     C:\OSP-P\HMI\ENG\PDSN401-LU100KEN.DLL

     C:\OSP-P\HMI-REG\PSRD401-LU100K.REG

     C:\OSP-P\HMI-REG\PSRN401-LU100K.REG

     C:\OSP-P\HMI\PDSD401-LU100K.DLL

     C:\OSP-P\HMI\ENG\PDSD401-LU100KEN.DLL

     C:\OSP-P\HMI\PDSP401-LU005W.DLL

     C:\OSP-P\HMI\ENG\PDSP401-LU005WEN.DLL

[ PBU-DAT ]

     C:\PBU-DAT\LHDBKST-1200A.PBU

     C:\PBU-DAT\LALMHSA-1202A.PBU

     C:\PBU-DAT\LMCNDTA-1202A.PBU

     C:\PBU-DAT\LPRM11A-1205D.PBU

     C:\PBU-DAT\PLCUA21-LMF03J.PBU

     C:\PBU-DAT\PLCUD11-LA001A.PBU

     C:\PBU-DAT\PLCUF11-LA001A.PBU

     C:\PBU-DAT\LRTOF01-MF03-A.PBU

[ CNS-DAT ]

     C:\OSP-P\CNS-DAT\AXSPLN3-MF28-B.CNS

     C:\OSP-P\CNS-DAT\AXSPLP3-MF03-A1.CNS

     C:\OSP-P\CNS-DAT\AXSPLS3AMF43-C1.CNS

     C:\OSP-P\CNS-DAT\AXSPLS3BMF43-C1.CNS

     C:\OSP-P\CNS-DAT\AXSPLS3CMF43-C1.CNS

     C:\OSP-P\CNS-DAT\AXSPLS3DMF43-C1.CNS

     C:\OSP-P\CNS-DAT\PLCUB11-LA001A.CNS

     C:\OSP-P\CNS-DAT\PLCUC11-LUA101B.CNS

     C:\OSP-P\CNS-DAT\LNCSPEC-1200A.DAT

     C:\OSP-P\CNS-DAT\LNCBSPC-1200A.DAT

     C:\OSP-P\CNS-DAT\ENG\PMCA300-L512T-EN.MSG

     C:\OSP-P\CNS-DAT\PFCUA21-L001B.CNS

     C:\OSP-P\CNS-DAT\PMIO200-LU010B.CNS

     C:\OSP-P\VOLANTE\LOADERLOGO-P200A-001A.BMP

     C:\OSP-P\SharedDLL\OSPLANGINI\OSPLANGID-ENG-101A.INI

     C:\OSP-P\SharedDLL\OSPLANGINI\OSPLANG-DEFAULT-ENG-100A.INI

     C:\OSP-P\CNS-DAT\PIOCK11-L001Q.DAT

     C:\OSP-P\CNS-DAT\ENG\PIOD21-P155716CE.CNS

     C:\OSP-P\CNS-DAT\SIOD21-P155716C.CNS

     C:\OSP-P\TOOLS\SAFETY\SLGC01-LU001P.SEO

     C:\OSP-P\CNS-DAT\SLGCA01-LMF002D.CNS

[ MSB ]

     C:\OSP-P\MSB\LMSA310C.MSB

[ ETC ]

     C:\OSP-P\LMNT002I.DEF

     C:\OSP-P\OSPMNGCD.CNC

     C:\OSP-P\VOLANTE\OSPLOADER-004A.INI

\*\*END

ccdrps-pv1.33                    - 3/7 - <W01><O03><          LB3000><P155716>

===========================[ NC-SPEC CODE No.1 ]==============================

1100-0100-4101-0000-14C0-0F18-1300-1042

0001-9D52-2900-0100-0111-6000-1020-0000

==================  ==================  ==================  ==================

SLANT-Y AXIS     -  ONE TOUCH IGF ADV-  EXTERNAL MEASURE -  TOOL CENTER CTRL -

Y AXIS BY CT-Z   -  TAPE DATA IN/OUT o  MEASURE RS232C   -  Hi-Cut Pro       -

ABSO SCALE YS    -  FD IN/OUT(IBM)   -  CEJ MATIC        -  SUPER-NURBS Hi.  -

Y-AXIS BARRIER   -  WITHOUT MS-DOS   -  SIZE CATCHER     -  NURBS            -

Y HORI.BARRIER   -  T-SEPARATE EDIT  -  EX.MEASURE BCD   -  SUPER Hi-NC      -

B-AXIS 0.001°   -  DNC-C ETHERNET   -  T-SETTER R/L COM -  SUPER-NURBS Rac. -

B-AXIS 1°PITCH  -  P-200 SPEC       o                   -  TOOL-ID          -

B-AXIS CONTROL   -  FL-net           -                   -  Inverse Time Feed-

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ATC              -  BUFFER 160M      -  TOUCH SETTER     o  ST. REST ZB      -

1CAM-ATC         -  BUFFER 320M      -  2ND SP MEASURE   -  ST. REST MID     -

2CAM-ATC         -  BUFFER 640M      -  TOUCH SETTER AUTO-                   -

EXT.ATC HOME POS -  BUFFER 1280M     -  TOUCH SENSOR     -                   -

VTM MACHINE      -  NO-SSU-RD        o  C ZERO OFFSET    -  ST.R TOW-A.B     -

NEW MG.PANEL     -  FDD EDIT         -  Y GAUGING        -  ST.R TOW-A.AUTO  -

PANEL OLD TYPE   -  EDIT INTERLOCK   -  OPTICAL SENSOR   -  ST.R TOW-A.JOG   -

Y-AXIS TRQUE LIM.-  EDIT INTERLOCK C -  MEASU.DATA PRT.  -  ST. REST TOW-A.  -

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HI-G CONTROL     o  PROGRAM SELECT   -  PITCH ERROR COMP -  CE MARKING       -

PFCⅡ            -  MG TOOL READY    -  IND.PITCH COMP.  -  PITCH ER.COMP.SP.-

B-AXIS COMP.     -  COMMON VAR. NAME -  ABSO SCALE ZA    -  NC DOOR          -

X-AXIS COMP.     -  HOME POSITION B  -  ABSO SCALE XA    -  SPEC. SELECT     -

WK.CORDINATE 10  -  WARMING UP       -  ABSO SCALE ZB    -  R SPEC           -

WK.CORDINATE 50  -  MACHINE LOCK SP. -  ABSO SCALE XB    -  NOT R SPEC       o

TOOL OFFSET 500  -  G00 LINEAR FEED  -  ABSO SCALE CA    -  THERMAL COMP. L2 -

TOOL LIFE WARN.  -  A/B SYNC. MOTION -  WITHOUT COMP.    -  THERMAL COMP. L1 -

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NC TURRET        o  PLANE CONVERSION o  TURRET POS.COMP. o  NC MASTER        -

OTC TURRET       -  PROFILE GENERAT. o  TOOL OFFSET 64   -  S-LINK NC TEST   -

CAM TURRET       -  CONTOUR CUTTING. -  TOOL OFFSET 96   -  S-LINK SP TEST   -

MANY CHIPS TOOL  -  B-AXIS INTERPOL. -  TOOL LIFE MNGMNT o  OH               -

ABSO SCALE TA    -  SYNCHRO.TAPPING  o  TOOL OFFSET 200  -  NEW OPERAT.PANEL o

B-AXIS TURRET    -  FLAT TURNING     -  TOOL WEAR COMP.  o  NO SERVO         -

HEAVY TOOLING    o  HELICAL CUTTING  -  TOOL OFFSET SYS. -  S-LINK PLC TEST  -

DOUBLE TOOLING   -  SLANT CUTTING    -  TOOL OFFSET 800  -  PLC              -

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LT MACHINE       -  HOME POSITION    -  0.0001M CONTROL  -  NC ROBOT         -

SUB SPINDLE      -  SPINDLE SYNC.TAP -  I/M SWICTH       o  NC LOADER        -

PARALLEL 2 SPNDL -  TOOL RETRACTION  -  SCRIPT FUNCTION  -  SYSTEM STAT.DISP -

PICK OFF UNIT    -  SPIN. FLUCTUATE  o  WINDOWS OPERATION-  OH LOGO CHANGE   -

VERTICAL MACHINE -  NC TORQUE LIMIT. o  CYCLE TIME CAL.  o  C-AXIS COMP. 2   -

LAW-V MACHINE    -  THREAD OVERRIDE  -  CYCLE TIME REDUC -  F CONVERT        -

ACC MACHINE      -  GM CODE MCRO     -  CYCLE TIME RE.NEWo  LOST MOTION CMP. -

B-TURRET SUB SP. -  CENTER COMP.     -  NO LOAD DETECT   -  PLR2 LOW SEQUENCE-

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MULTIPLE MACHINE o  LAP4             o  NC WORK COUNTER  o  PROG. TAIL STOCK -

B-TURRET M-AXIS  -  NOSE-R 2B        o  WORK CNT.SPECIAL -  SIMPLE TOW-ALONG -

M-AXIS NO C-AX.  -  USER TASK 2      o  NC WORK MONITOR  o  PG. TAIL STOCK B -

T/M AXIS SW.     -  EXP.AUTO CHAMF   o  CYCLE TIME CHECK o  AUTO TAIL STOCK  -

L TOOL INDEX     -  THREAD PNT.OFFST -  LOAD MONITOR     o  TAIL STOCK CLUMP -

C-AX.PT.ERR.CMP. -  THREAD FEED HOLD -  LOAD MONITOR W   -  NC TAIL STOCK    o

MULTI-MAGAZINE   -  ARC THREAD CUT.  -  MAC MAN COMM.    -  NC TAIL STOCK TRQo

SYNCHRO. REVERSE -  COMMON VAR. 1000 -  MAC MAN          o  MANY CHIPS 12    -

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2 SADDLE MACHINE -  ONE TOUCH IGF    -  DNC-T1           o  SPINDLE ORIENT.  o

MIRROR IMAGE     -  IGF              -  DNC-T2           -  MANY CHIPS 4     -

Z-W OVER LAP     -  IGF CONVERT      -  DNC-T3           -  CB-AX. WO MB-AX. -

CAM MACHINE      -  IGF DATA TRANS   -  DNC-T4           -  C SYNC. CONTROL  -

NEW W-DATA       -  ONE-TOUCH S/SHEET-  DNC-P1           -  M-AXIS ORIENT.   o

SUB MAGAZINE     -  COL.AVOID.SYSTEM -  DNC-P2           -  L MULTIPLE MACHIN-

H1 TURRET        -  PROGRAMING HELP  o  DNC-P3           -  R MULTIPLE MACHIN-

FLAT BED         -  HELP             o  DNC-P4           -  HOB CUTTING      -

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SERVO LINK NC    o  STN L.C.D MONO.  -  DNC-A            -  SPINDLE MAX IL.  o

                 -  E100 SPEC.       -  DNC-B            -  SP-HEAD IL.      -

                 -  3D. ANIMATION    o  DNC-C1           -  PARTS CA. IL.    -

                 -  ACP EXPANSION    -  DNC-C2           -  1S PARTS CA. IL. -

SERVO LINK SPNDL o  ANIMATION        o  DNC-C3           -  ZA-W AXIS IL.    -

SPINDLE ANALOG   -  S10 SPEC.        -  DNC-DT           -  XB-W AXIS IL.    -

SPINDLE I/O      -  U100/U10 SPEC.   -  SMPL.REMOTE DIAG -  TURRET ZA-W IL.  -

                 -  OAC MESSAGE      -  DNC-RT           -  TAIL-ST.REST IL. -

==============================================================================

ccdrps-pv1.33                    - 4/7 - <W01><O03><          LB3000><P155716>

===========================[ NC-B SPEC CODE No.1 ]============================

0060-0001-0000-0000-0001-1100-0000-0000

0000-0200-0000-0000-0000-0000-0000-0000

==================  ==================  ==================  ==================

COORDINATE CONV. -  ATTACHMENT       -                   -                   -

WK.CORDINATE 100 -  ATTACHMENT SWIVEL-                   -                   -

TOOL OFFSET 999  -                   -                   -                   -

CORDINATE CAL    -                   -                   -                   -

PROGRAM MESSAGE  -                   -                   -                   -

3-D CO. CONV.    -                   -                   -                   -

                 -                   -                   -                   -

PREMIUM THREAD   -                   -                   -                   -

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NC TST HI PRECISE-  MEAS.DATA COMM.SP-                   -                   -

NC TST POLS LOW  -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

==================  ==================  ==================  ==================

APC              -  TOUCH SETTER2    -                   -                   -

                 -  STROKE LIMIT RLS -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

ATC.EX.HP        -                   -                   -                   -

POT TOOL TABLE   -                   -                   -                   -

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MG-AXIS ATC      -  PLC CROSS RAIL   -                   -                   -

C-AXIS 1POINT    -  NC CROSS RAIL    -                   -                   -

RT-AXIS ATC      -  HP CROSS RAIL    -                   -                   -

                 -                   -                   -                   -

TR. ATC TYPE-A   -                   -                   -                   -

TR. ATC TYPE-B   -                   -                   -                   -

TR. ATC TYPE-C   -                   -                   -                   -

                 -                   -                   -                   -

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CUSTOM-API       o  TOOL DIRECTION   -                   -                   -

OSP-API          -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

                 -                   -                   -                   -

M-GUIDANCE       -                   -                   -                   -

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USE TOOL DISP.   -  AXIS ACTIVE STOP o  CE MARKING STOP  -                   -

MACHINING MODE   -  M-AX LIFE COUNT  -                   o                   -

NOSE-R DIR CHG   -                   -                   -                   -

INTERRUPT PROGRAM-                   -                   -                   -

INTERRUPT PROG2  -  VAR. LOST MOTION o                   -                   -

BASE OP. SCREEN  -                   -                   -                   -

TOOL MAC INFORM. -                   -                   -                   -

OFFSET BASE FIX  -                   -                   -                   -

==================  ==================  ==================  ==================

SERVO ADJUST SP  -  WORK WEIGHT SET  o  SELF ST.R 1      -                   -

TOOL LIFE NOT.SP -  Y-AX MANUAL FEED -  SELF ST.R 2      -                   -

WORK ROUGH       -                   -  SELF ST.R 3      -                   -

ST.REST BARRIER  -                   -  SELF ST.R 1 REL. -                   -

WORK POSITION 30 -  HOME POSITION C  -  SELF ST.R 2 REL. -                   -

NO HIGH LOW TH.  o                   -  SELF ST.R 3 REL. -                   -

TORQUE WATCH     o  LONG BORING BAR  -                   -                   -

TAILSTOCK SP.LOW -  TOOL BASE        -                   -                   -

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TOOL LIFE NOTICE -  SYNC.CONTROL ZA  -  BELT SLIP CHECK  -                   -

GOT-HMI          -  SYNC.CONTROL XA  -  M BELT SLIP CHECK-                   -

MEASU.COMP.CLEAR -                   -                   -                   -

ALARM MESSAGE    -                   -                   -                   -

OTHER.SYS.WATCH  -                   -                   -                   -

CON BACK SP      -                   -                   -                   -

0.1u T/M AXIS SP.-                   -                   -                   -

LOST MOTION CMP. -  FEED AXIS RETRACT-                   -                   -

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ccdrps-pv1.33                    - 5/7 - <W01><O03><          LB3000><P155716>

===========================[ PLC-SPEC CODE No.1 ]=============================

0200-0210-0001-0100-0100-0251-0001-0100

0004-0020-8200-0012-0000-0000-0040-0000

==================  ==================  ==================  ==================

ST. REST FIX     -  HIGH COOLANT     -  OVERRIDE SPECIAL -  L TOOL INDEX SP  -

ST. REST MID     -  B-TURRET 1MMTR   -  LOAD MONITOR     o  TL EXST COMF.REV.-

ST. REST LOW-T   -  A-COOLANT 1MMTR  -  SAFETY TAPE SW   -                   -

ST. REST REL.    -  COOLANT H/L SP.  -  NC MASTER        -  FL-net           -

ST. REST OPEN    -  CLNT LEVEL CHECK -  CYCLE TIME RE.NEWo                   -

ST. REST CLOSE   -  CLNT FLOW CHECK  -  LAW-F L-MACHINE  -                   -

ST. REST TOW-A   -  COOLANT L/M CHG. -  PNL.POSIT. FRONT -                   -

ST. REST GR.COMF -  CLNT.THRU.SPNDL. -  T CONST SWITCH   -                   -

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CENTER WORK      o  M-AXIS ORIENT.   o  DNC-B            -  B-AXIS TURRET    -

TAIL STOCK LIMIT -  FLAT TURNING     -  DNC-C            -  B-AXIS 1°PITCH  -

TAIL-STK.IL.RLS. -  B-TURRET M-AXIS  -  ATC TYPE G       -  B-AXIS 0.001°   -

PROG. TAIL STOCK -  B-AXIS POS LOMP  -  W-AXIS OVERLAP   -  TURRET TYPE-H1   -

SIMPLE TOW-ALONG -  ATC TYPE H       -  ST.R AUTO TOW-A B-  TURRET TYPE-H2   -

TAIL STK.RT.INCH -  CAM AXIS LUB.    -  THREAD OVERRIDE  -  TR.PNDLM.CNTRL.  -

ST.R AUTO TOW-A. -  M-AXIS OIL MIST  -  IND.CHK1 NO CHECK-  L TOOL INDEX     -

ST. R. ENABLE SW -  M-SP. OILCOOLER  -  PROG. TAIL STK. B-  L TOOL THD. CLMP -

==================  ==================  ==================  ==================

CHUCK GRASP COMF o  TOUCH SETTER     o  WARMING UP       -  NO CEIL 2        -

CHUCK IL. RLS.   -  TOUCH SET. SLIDE -  WORK CNT.SPECIAL -  NO CEIL 3        -

CHUCK. MISS 1 SP -  TOUCH SET. COVER -  CHIP CNVYR CHECK -  WORK STOCKER     -

CHUCK. MISS 2 SP -  TOUCH SET. MOTOR -  THRU&MEASURE AIR -  WORK STOCKER2    -

CHUCK H/L 1 SP.  -  TL BRAK. DETECT. -  DRAIN PUMP       -  VERTICAL SW. LO. -

CHUCK H/L 2 SP.  -  WORK EJECTOR     -  SP AIR PURGE DET -  T.CLMP OUTPUT HLD-

INDEX CHK 45 1SP -  WORK EJ.AD CONF  -  AIR PRES.DETECT  -  B-PANEL          o

INDEX CHK 90 1SP -  WORK EJ.RT CONF  -  SEQUENCER ALARM  -  NC DOOR          -

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2 CHUCK PDL. 1SP -  EXTERNAL MEASURE -  DUAL START       -  NC ROBOT         -

SMW CHUCK 1 SP.  -  EX. MEASURE BCD  -  DUAL ST.DR. CLS. o  OR5              -

FR.DRV.CHUCK 1SP -  CEJ MATIC        -  EDIT INTERLOCK   -  HYD ER DET.      -

CHK GRSP SPC 1SP -  TOUCH SENSOR 2SP -  PROG.STOP SPECIA -  SPEC SELECT      -

2 CHUCK PDL. 2SP -  TOUCH SENSOR     -  PANEL POSIT. SP  -  NO CE DOOR OPENLS-

SMW CHUCK 2SP    -  OPTICAL SENSOR   -  PORTABLE PH      -  OSP CHIP CONVERE -

FR.DRV.CHUCK 2SP -  2SP TOUCH SETTER -  CE MARKING       -  SWING&LIMIT SWIVE-

CHK GRSP SPC 2SP -  TOUCH SET. COV.LK-  OIL LEVEL DETECT o  OR SEFTY FENCE   -

==================  ==================  ==================  ==================

HYD. UNIT COOLER -  MECHA-LOCK DOOR1 o  BF/PC BIT SWITCH -  A CLAMP MISS CHK -

OIL COOLER ALM-A -  MECHA-LOCK DOOR2 -  PARTS CATCHER    -  B CLAMP MISS CHK -

HYD. OIL COOLER  -  R.DOOR2          -  PARTS CA.DOOR IL -  SWING IL TYPE-A  -

WITHOUT STE SW   -  AUTO DOOR2       -  PARTS CA.AD/RT SP-  SWING IL TYPE-B  -

EX BRAKE RELEASE o  DOOR IL. S       o  PARTS CA.SWING   -  DUAL HAND OPE.   -

SAFETY RELAY     -  DOOR IL. D       -  NC TAIL STOCK    o  FENCE MECHA-LOCK -

POS UNIT         -  DOOR IL. E       o  CONV.DEVICE I/F  -  HAND OPE. I.L.   -

CHUCK IL.RLS.SP  -  MECHA-LOCK SP.   -  UNLOADER  I/F    -  LDR AXIS INTRLCK -

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SPNDL OIL AIR LUB-  DR.SPEED SWITCH  -  BAR FEEDER I/F 1 -  NC LOADER        -

SPNDL ORNT.ELEC. o  AUTO DOOR        o  BAR FEEDER I/F 2 -  NC LOADER TYPE-C -

SPNDL ORNT. PIN  -  DOOR CONTROL     -  B.FEEDER CHK.IL. -  2M1L             -

SPNDL ORNT. BRK. -  R.DOOR ONE BODY  -  BAR FEEDER I/F 3 -  3M1L             -

1SP. LOWEST SP.  -  R.DOOR SIDE OPEN -  BAR FEEDER I/F 4 -  GANTRY LOADER    -

2SP. LOWEST SP.  -  ROOF DOOR        -  BAR FEEDER I/F 5 -  RECIPROCAL INTER -

1SP. OIL COOLER  -  PL DOOR I.L.E-D  -  THRU. AIRBLOW IL.-  2CARRIERS LDR    -

2SP. OIL COOLER  -  PL DOOR I.L.E-C  -  CUT OFF DETECT   -  3 AXIS LOADER    -

==================  ==================  ==================  ==================

0.0001M CONTROL  -  ATC TYPE A       -  RBT/LDR I/F B    -  TURNOVER DEVICE  -

FLAT BED         -  ATC TYPE B       -  RBT/LDR I/F C    -  TRNOVR RTRCT SP. -

W-AXIS CONTROL   -  ATC TYPE C       -  RBT/LDR I/F D    o  TURNOVER L->R    -

HYD LESS         -  ATC TYPE D       -  OGL LOADER I/F   -  DIREC SWITCHABLE -

W-AXIS CLAMP     -  MG. DOOR 2       -  PROGRAM SELECT A -  MULTI-MAGAZINE   -

HOB CUTTING      -  MG.DOOR MECHA-LK -  PROGRAM SELECT B -  M.LOCK SP CVR.   -

B-TURRET SUB SP. -  MG TOOL MAN CHG  -  PROGRAM SELECT C -  LVT SAFETY FENCE -

B-AXIS INTERPOL. -  TOOL ID          -  FIX POT ATC      -  MEASURE OVER M/C -

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2 SADDLE MACHINE -  NC TURRET        o  LFS10            -  FINGER CHUCK 4-1 -

MULTIPLE MACHINE o  TURRET LIMIT A   -  LVT              -  FINGER CHUCK 4-2 -

OPPOSED TURRET   -  CAM TURRET       -  LAW-V            -  FINGER CHUCK 2-1 -

SUB SPINDLE      -  NC TR WITH BRAKE -  2SP-H            -  FINGER CHUCK 2-2 -

OPPOSED 2 SPNDL  -  TURRET LIMIT B   -  ACC MACHINE      -  COLLET GRSP COMF -

SLANT-Y AXIS     -  1MMT CLUTCH COMF.-  ATC TYPE-E       -  SIDE COVER I.L.  -

PARALLEL 2 SPNDL -  1 MOTOR MULTI TR -  ATC TYPE-F       -  M.LOCK SIDE CVR. -

B-AXIS TURRET    -  1MMT BRAKE CR    -  SUB MAGAZINE     -  SUB PANEL        -

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===========================[ PLC-SPEC CODE No.2 ]===========================

0100-0200-0300-0000-0000-0000-0000-0000

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HP COOLANT UNIT  -  1SP C BRAKE KEEP -                   -                   -

HP COOLANT UNIT2 -  2SP C BRAKE KEEP -                   -                   -

HP COOLANT UNIT3 -  FD.CHUCK 1 GRSP  -                   -                   -

RV. FLUSH CLNT   -  FD.CHUCK GRSP.CK -                   -                   -

                 -  C UNCLAMP CONF.  -                   -                   -

                 -                   -                   -                   -

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SAFETY SW RST    -  OPTICAL SENSOR B -  RIGID TURRET     -  RETRACT TOOL     -

DOOR DIVISION    -  TOUCH SET.SLD B  -  A-TURRET PENDULUM-  TCH STTR POS RV  -

FLAT DOOR IL     -  TOUCH SET.CROS-L -  B-TURRET PENDULUM-  1SP CHK GRASP C  -

FLAT 1 DOOR      -  TOUCH SET.CROS-R1-  A-TURRET PND. SW.-  2SP CHK GRASP C  -

FLAT DOOR IL SP  -  TOUCH SET.CROS-R2-  B-TURRET PND. SW.-                   -

FLAT DOOR MLK    -                   -                   -                   -

R.DR.GUIDE SLIDE -                   -                   -                   -

MAINTE DOOR      -                   -                   -                   -

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NC STEADY REST   -                   -  ACC AREA SENSOR  -                   -

ST REST AIR CLAMP-                   -  SP VIB. SENSOR   -                   -

SELF ST.R 1      -                   -  S-ST CHK. PDL/PB -                   -

SELF ST.R 2      -                   -                   -                   -

SELF ST.R 3      -                   -                   -                   -

SELF ST.R 1 REL. -                   -                   -                   -

SELF ST.R 2 REL. -                   -                   -                   -

SELF ST.R 3 REL. -                   -                   -                   o

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NC TAIL WORK HLD o  HAND OUSH. AIR   -  2PALLET APC      -                   -

NC TAIL NO CHG   o                   -  STACKER CRANE I/F-                   -

NC TAIL NO PEDAL -                   -  C AXIS GROUP SW. -                   -

HYD QL NC TAIL   -                   -  PALLET CLAMP B   -                   -

NC TAIL PRECISE  -                   -  2PALLET APC I/F C-                   -

NC TAIL POLS LOW -                   -  6PALLET APC I/F C-                   -

TAIL SLEEVE I.L  -                   -  APC DOOR         -                   -

                 -                   -                   -                   -

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CHUCK GRASP CO.B1-                   -  NEW CEMK         -  AIR NOZZLE SW    -

CHUCK GRASP CO.B2-                   -  M-NAVI GUIDANCE  -  M-SP AIRBLOW SW  -

NC CYLINDER 1SP  -                   -                   -  CHIP CON SW      -

1SP CHK DS SENSOR-                   -                   -  OILMIST SW       -

INDEX CHK 45/90SW-                   -                   -  OILHOLE SW       -

2SP CHK DS SENSOR-                   -                   -  OILHOLE HIGH SW  -

CHUCK GRASP CO.D1-                   -                   -  COOLANT CLOG     -

CHUCK GRASP CO.D2-                   -                   -  COOLANT LV CHECK -

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SP. LOW. FIX. SP.-                   -  PWR SUP R/L COM  -  M-SP COOLING     -

C AXS BR. TRQ LMTo                   -  EX CUT FEED OVR  -  THR SP COOLANT   -

ACCURATE C-AXIS1 -                   -  EX INT PROGRAM   -  X-AXIS OILMIST   -

ACCURATE C-AXIS2 -                   -  SUB PANEL B      -  OIL SKIMMER      -

1SP WIND-CHG SP  -                   -  EX NC FEED HOLD  -  COOLANT COOLING  -

2SP WIND-CHG SP  -                   -  INSIDE M/C CNVYR -  COOLANT SW       -

SP BRAKE PS      -                   -  LIST UP MOSNIC A -  WORK WASH SW     -

MAN MODE C BRAKE -                   -  LIST UP MOSNIC B -  CHIP FLUSH SW    -

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MANY CHIPS 12    -  M-SP LUBE CHECK  -                   -  AAC              -

MANY CHIPS 8     -  M-SP OIL AIR     -  AXIS RETRACT     -  M-SP CL/UC MCODE -

ATC POS INDEX RE -  MA-SP. LOWEST    -  CROSS RAIL AUTO 7-  AT MCODE         -

B-AXIS 5deg PITCH-  M-SP 4P INDEX    -  CROSS RAIL AUTO 8-  AT-C INDEX 5DEG  -

MANY CHIPS 4     -                   -  CROSS RAIL AUTO 9-                   -

TL EXIST COMF.   -                   -  CROSS RAIL AUTO10-                   -

TURNING IL       -                   -                   -                   -

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2MOTOR MULTI TR  o  LINEAR GUIDE CVR.-  FIRE ALARM CHK   -  ATC TYPE M       -

2MOTOR TR B      -  ATC CYCL TIME RE -  MIST COLLECTOR   -  ATC SHUTTER      -

TR index cond.W  -  ATC TYPE I       -  0.1UM PH CHG     -  MATRIX TIM.RE.A  -

2SP-H TR.CLMP-R  -  EX ATC HP        -  CROSS RAIL AUTO  -  MATRIX TIM.RE.B  -

2SP-H TR.CLMP-L  -  ATC TYPE J       -  CROSS RAIL AT-C  -  ATC COV.TOOL     -

                 -  ATC TYPE K       -  SP ER DET. SHARE -  ATC LATHE TOOL   -

                 -  TOOL RET MT CM   -  ABSO SCALE FILT. -  ATC TYPE N       -

                 -  ATC TYPE L       -  1SP INDEX CHK SP -  ATC SENS. TOOL   -

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