Table: GCG\_4273\_Furnace\_Rpt Green: Column picked from such table Blue: calculation based on others

(0) PART (CHAR 20)

JOB\_HEADER.Part example: Part: 442­MIM

(1) LOCATION (CHAR 2)

JOB\_HEADER.Location

(2) DATE\_DUE (DATE)

V\_JOB\_OPERATIONS.Date\_due ex: 8/22/2016

(3) QTY\_ORDER (NUMERIC 12,4)

JOB\_HEADER.Qty\_Order ex: 10500 parts

(4) UNITS\_SCRAP (NUMERIC 12,4)

V\_JOB\_DETAIL.Amt\_Scrap ex: 0.1 => make sure this is a rate in **percent**?

(5) MFG\_QTY (NUMERIC 12,4)

= QTY\_ORDER x (1 + UNITS\_SCRAP) ex: 10500 x (1 + 0.1) = 11550 parts

(6) NUM\_TRAYS (NUMERIC 12,4)

= MFG\_QTY / NUM\_PARTS\_PER\_TRAY (from GCG\_4273\_PART\_FURN) ex: 11550 / 48 = 240.62 => round to ceiling: 241

(7) TRAYS\_PER\_FULL\_LOAD (NUMERIC 12,4)

GCG\_4273\_FURNACE\_MNT.Trays\_Per\_Full\_Load ex: 66 trays

(8) FURNACE\_LOAD (NUMERIC 12,4)

= NUM\_TRAYS / TRAYS\_PER\_FULL\_LOAD ex: 241/66 = 3.65 => round to ceiling: 4 ? => 4 WOs for this order ?

(9) SETTING\_HOURS (NUMERIC 12,4)

**if work center = 'ST01' use runtime for Setting => to be confirmed by customer**

(10) NUM\_OF\_WO (NUMERIC 12,4)

=> Should clarify if this is **the number of WOs for this order** or this is the **total WOs associated with that specific furnace**? It would make sense with **the number of WOs for this order.** If it is, FURNACE\_LOAD should not be rounded up, and NUM\_OF\_WO is the rounded to ceiling of FURNACE\_LOAD ex: 4

(11) PARTS\_PER\_WO (NUMERIC 12,4) This is the average parts/WO, given the number of WOs

= MFG\_QTY / NUM\_OF\_WO ex: 11550/4 = 2887.5 => round to ceiling: 2888 parts/WO

(12) TRAYS\_PER\_WO (NUMERIC 12,4) This is the average trays/WO, given the number of parts/WOs

= PARTS\_PER\_WO / NUM\_PARTS\_PER\_TRAY (from GCG\_4273\_\_PART\_FURN) ex: 2888/48 = 60.17 =>round to ceiling: 61

(13) MOLD (NUMERIC 12,4)

**if work group = 'MOLD', use runtime for Molding => to be confirmed by customer**

(14) DEBIND (NUMERIC 12,4)

**if work center = 'DS01', use runtime for Debinding => to be confirmed by customer**

(15) FURNACE (CHAR 6)

GCG\_4273\_FURNACE\_MNT.Furnace

(16) INT\_SECONDARIES (NUMERIC 12,4)

**if LMO = O, use leadtime for internal secondaries**

(17) EXT\_SECONDARIES (NUMERIC 12,4)

**if LMO <> O, use leadtime for external secondaries Or there is just M ? => to be confirmed by customer**

(18) SHIP\_TO\_CUST (DATE)

= DATE\_DUE – 2 working days ex: 8/22/2016 – 2 working days = 8/18/2016

(19) REC\_FROM\_EXT (DATE)

(20) SHIP\_TO\_EXT (DATE)

(21) FURNACE\_DATE (DATE)

(22) MOLD\_BY (DATE)

(23) SEQ (CHAR 6)

V\_JOB\_OPERATIONS.Seq