

Jemison Metals - Cleveland

8100 Aetna Drive
Cleveland, OH 44105
Job Type SLT Process PWC CLO

Metric N Cust

Desc CARLISLE PPAP

Due Date 25Apr19 Whs CFG

Setup 00:00 Run 02:00 Ptd By kathym

<<< JOB SPECIFICATIONS >>>

Group CRC Grade C1020 Gauge 0.0480 (0.0480 to 0.0520) ID 2C.0000

<<< ORDER SPECIFICATIONS >>>

R 01 CRC/18D/C1020/10.3100"/.0480M
C 1020
Part 6920/D011697.
Ga Rng 0.0480 to 0.0520 Pc/Tag
WtHtol + 0.0320 - 0.0320 Wt/Skd 6000
Lthtol + 0.0000 - 0.0000 Ty J9 Pk
RB:0.00-102.00

FORKLIFT REAR UNLOAD

EACH COIL MUST BE SINGLE STACKED
EYE TO SKY ON PALLET

WIRE 4X4 SAMPLE ONTO EACH COIL

BURR TOLERANCE: .005

MUST HAVE A MINIMUM OF 13/16" SPACERS

MUST SHOW TAKE WEIGHT

MUST BE TARPED OR WEATHER PROTECTED

MUST CHECK AND RECORD WIDTH AT START OF SLITTING.

LEAD OPERATOR NEEDS TO VERIFY MEASUREMENT AGAINST
THE WORK ORDER AND SIGN OFF ON THE PRODUCTION

RECORD AS A DOUBLE CHECK

Slitter supervisor to watch all CBF production

runs for oscillation or separator damage. Banding
line operators will monitor both sides of all CBF

coils and sign off on CBF work orders

<<< ARBOR SET UP >>>

1 2 3 4
10.3100 10.3100 10.3100 10.3100

Arbor Recap: 4 X 10.3100

Total Width:

41.2400

<<< PROCESSING INSTRUCTIONS >>>

<Set 1, Step 1> Cut as follows:

1Pcs, 2Pass, Cut Full, Run @ Pos 1 - 4, To OD, Lgth, PIW

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Use Tags: D14624 CPW 0.051N 43.5000 ID Wdth 0.0000 OD Wdth 0.0000

<<< MATERIAL TO BE USED >>>

Tag No Wht Gauge Width Length PCS Weight Heat Number Locn

<CRC/18D/C1020> D14624 CPW 0.051N 43.5000 1 36170 NLMNLRK1757884 B12/326

Rmks: *Trial Material-do not setup released by RICK R*

Total: 1 36170

<<< MATERIAL TO STOCK >>>

Cons Tg Spc Prod Tg Wht Ty Gauge Width Length OD PCS<Prn>Wt PCS<Res>Wt

D14624

1 238805 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238806 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238807 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238808 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238809 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238810 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238811 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

1 238812 CPW R 0.0480 10.3100 2545 F 47.60 1 4286

Total:

8 34,288

<<< JOB RECAP >>>

PCS Weight Scrap Scrap % Unactd Scr %

1 36,170

Material Allocated

Master Returns

Returns to Stock

Work in Process

Material to be Shipped

Rejects

Net Weight to be Produced

8

34,288

1,882

5.20

START TIME:

9:10 AM

STOP TIME:

11:30 AM

APR. 25. 2019

*Need Resolution, OK'd or Segregated
**No Non-Conformance Present

Initials

Operator

Helper

Non-Conformance

Surface Defects
Burr Shape
Defects

Yes*/No** (If Yes, Description)

ON

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3235 3207

[illegible]

Slit Size Inspection

Work Order:

Date: ~~Nov. 25. 2019~~

SS/ELPTD

Slitting Order

Date:	4/25/19
Work Order #:	QTV79155
Customer:	Castle PPA
Date Run:	Apr. 05. 2019

Incoming Inspection Checklist

Tag #	Gauge & Width	Type	Tag Wgt.	RB	Olsen	Actual Wgt.	Width	Mic
414604	1" x 43.5"	ARC	36.170	56	—	36.170	43.9/16	43.5/5

Cutting Instructions: 4 cuts - 10.310

Slit Tolerance:	± .032	Max O.D:	split	Max Skid Wgt:	6.000	I.D:	00"
Gauge Range:	0.018 / 0.052	Salesman:					

Special Instructions:

1 Cuts with some defect but okay to ship

2 Cuts Rejected

3 Ok to move material for shipment or to Stock

Cut Size	
Cut Weight	
Defect	
Approved By	
Cut Size	
Cut Weight	
Tag No. or No.'s	
Reason for Reject	
Name	
Date	

Process/Product Audit Checklist

Cust #: 6920 Customer: GARLISLE GRP/Size/GRD/Width: APC-18D-01020/10.31
 PWC: CL-0 W/O#: 72155 Date: 4-25-19 Part #(s): D011697 Auditor:

Gauge Range: .048-.052 Actual Gauge: 10.278/10.342 Width Actual: 10.320
 Length Range: 41/4 Length Actual: 41.2 Other: 25.102 Other Actual: 56

Other: Other Actual: Other: Other Actual:

Item	YES	NO	N/A	Comments/Action Taken (Required for NO)
Process Inspection Sheets filled out according to frequency and sampling required?	✓			

Correct raw material type and size?	✓			Tag(s) to use: DV 14624 Tag(s) used: DV 14624
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Setup performed according to W/O?	✓			
Product is acceptable according to customer-specific requirements?	✓			
[Fab: Is the Part Print Present & the correct Revision? Are required measurements documented?]	✓			[Fab: Print Rev: , W/O Rev: , Part Spec Rev:] (Leave blank if non-Fab audit)

Packaging is acceptable according to customer-specific requirements?	✓			
Visual inspection performed and product meets requirements?	✓			
Out of spec noted, with actions taken?		✓	✓	
Non-conforming material put into reject warehouse and physically put into non-conforming area?			✓	

Required gages available & functional?	✓			
All Gages Calibrated (List in Comments)	✓			Gages Observed (list last calibration and when due) 24" Caliper 10/20 3/19/6/18 1" M.C 10 R81 21 3/19/5/19 Advance Gages 3/27/9/30

Housekeeping: Machine/Floor clean?	✓			
Loose tags & paperwork cleaned up?	✓			
Required PPE being worn?	✓			
Forms are the latest revision per Quality Intranet?	✓			List Forms (Observed Rev vs Intranet Rev)
Hardcopy Controlled Documents are listed on Quality Intranet by location?	✓			List Documents and their Location:

CLV-SL-001	Slitter Procedure
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Loopco (Slitter) Procedure

1. Slitter schedule to be used to stage coils in the order of use. If lineup is changed, Production Planner or Plant Manager will notify Slitter Operator and correct the schedule.

2. Use Work Orders "Order Spec" and "Arbor Setup" sections to determine sizes that will be input into C.A.S.S. system, which produces Arbor setup print out.

3. Coil is loaded onto slitter and tag is given to Slitter Operator to verify that the correct coil is fed up per the work order.

4. Operator loads the gauge range from the "Job Specifications" section of the Work Order into Gamma Computer.

5. Operator checks knife clearance, if clearance is correct, material is fed through knives. If clearance is incorrect, necessary adjustments are made.

6. Operator checks burr, gauge (edge-crown-edge) and Rockwell (if required). Information is recorded on JDM 3 or JDM 4.

7. Cuts ran out on table and checked for width, also recorded on JDM 3 or JDM 4.

8. Width of master coil, at entry side of knives checked per Inspection Checkpoints 8.3.3.

9. Operator & Helper inspect material during processing for any defects that do not meet specifications (Work Order Info).

10. If any check does not meet the Customer Part Specification/Job Requirements, QA (or Plant Manager) is notified and will contact sales with the information.

11. Sales to contact customer for deviation (if OK, this is noted on work order). Also, on occasion, based on knowledge of sales or customer needs, sales may also OK without notifying customer. If not OK'd by customer, Production Planner is notified so coil can be replaced. Status of removed coil to be determined at this time. (Typical dispositions include: placing in reject warehouse for MIB disposition, or application to another customer.)

12. Slit product is run to customer OD specification and banded to specification.

13. Material is packaged to specification, weighed & tagged, and moved to appropriate warehouse.

Revision Date	Revision Level	Changes Made
03/07/13	1	#4 Clarified data input for Gamma Computer
03/23/11	0	Original Version

Gauge readings provided by Advanced Gauging Technologies, L.L.C. Plain City, OH 43064 USA Tel: (614) 873-6691

Master Coil Information:				
Gauge(s)	Width(s)	Weight	PIW	Coil Usage
0.0900	43.5000	36,170	831.49	43.0500 / 43.5000 / 98.97 %
				Coil Remain
				Horizontal Clearances

Strip Width Requirements:				
ID	Qty	Width	Wt	Strip
Coil	Strip	Strip	Mult	Weight
Knife	Sizes	Strip	One	Two
Clear	Comments	Strip	Clear	Comments
A	4	10.3250	8585	2146
B	1	1.7500	1455	1455
			0.5000	0.5000
			0.5000	0.5000
			0.5000	0.0180

Spacer Requirements:

Spacer	Quantity	Spacer	Size	Required	Identity
0.0500	10	Steel	10	5	0.0510
0.0520	10	Steel	10	5	0.0540
0.0580	5	Steel	5	5	0.0650
0.0800	3	Steel	3	9	0.1000
0.2000	6	Steel	6	7	0.4000
0.8000	5	Steel	5	7	1.6000
3.2000	30	Steel	30	107	Total:

Coil ID:	A
Quantity:	4
Strip Width:	10.3250
Coil Weight:	8585
Total Weight:	34340
Strip Clearance:	0.0180
Comment:	

It is the Users' Responsibility to Verify that all Input and Output is Accurate and the Setup is Safe

Jemison Metals - Cleveland

17Apr18

DU14624

Loc:
Std:
Whts: CPW

A1008 GOLD ROLLED COIL C 1020
".0510 Nom X 43.5000"

1 PCS

36,170 LBS

Receiving Info-----

Supplier NLK (# 833)
Supl Tag 2355051
P0 25258-001 RC 46686-001 Job
Mst
Prn By sandy
PK qty 36,170 LBS Th qty
0 LBS
Specifications-----

Heat No : NLK1757884

Condition :

Gauge Min: 0.0000 Max: 0.0000
Width Min: .0000 Max: .0000
Length Min: .0000 Max: .0000
ID: .0000

Chemistry : C=0.2000 Mn=0.5400 P=0.0120 S=0.0080

SI=0.0200 N=0.0040 Cr=0.0150 Mo=0.0020
Cu=0.0170 Al=0.0480 V=0.0020 Ti=0.0010
Ni=0.0080 Nb=0.0020 Sn=0.0010 B=0.0002

Remarks

*Trial Material-do not setup released by RICK RM



DU14624

DU14624 Whts:CPW (CRC/18D/C1020)
A1008 GOLD ROLLED COIL C 1020
".0510 Nom X 43.5000"
P0 25258-001 RC 46686-001 Job
Supplier NLK (# 833)

Supl Tag 2355051

1 PCS



Prn

36,170 LBS

Date 17Apr18