Process/Product Audit Checklist

Cust #: 28816 Customer: Amc				GRP/Size/GRD/Width: CRS.0480DSENT120.7080
PWC: SRB W/O#: 67357 Date: 10-3-17				Part #(s): 9000860651 Auditor: B. Clem
Gauge Range: .0440-.0520 Actual Gauge: .048				Width Range: 20.678-20.738 Width Actual: 20.706
Length Range: 39.116-39.176 Length Actual: 39.148				Other: W-B-F 0-.12 Other Actual: .050
Other: SQ 0-.12 Other Actual: .008				Other: Wt. 2990 lbs. Other Actual: 2950 lbs.
Item	**YES**	**NO**	**N/A**	**Comments/Action Taken (Required for NO)**
Process Inspection Sheets filled out according to frequency and sampling required?		✓		End of run check not noted on FOP081 Lagwon
Correct raw material type and size?	✓			Tag(s) to use: 515262 Tag(s) used: 515262
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) 8-3 25' Tape 7-31-17 7-31-18 m-44 1" mic 6-27-17 6-27-18 ST-5 Step Gauge 7-5-17 7-5-18 63294 meas. Table 4-19-17 4-19-18
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) Smt-SRB-001 11-8-16 5 Jm-OP-001 4-21-15 0 FOP081 2-16-01 1
Hardcopy Controlled Documents are listed on Quality Intranet by location?			✓	List Documents and their Location:

AGT400 Coil Summary Report

JEMISON METALS --

Job Number: 67357   Coil Number: 515262

Customer Number: AMC   Coil Information: M S38777   Supplier: ARCELOR USA

Product: Steel   Oct-3-17 22:26 to 22:50 (clock 24.2 min/ run 13.0 min)   Shift: 2

Average Thickness and Tolerance Data

```
       0.0480 in    Average^ 0.0473 in     Average - Target      -0.0007 in (-1.46%)
                                           Standard Deviation^    0.0002 in ( 0.35%)

        1162 ft              Above High Limit    0.0520 in          0 ft (  0.0%)
      20.708 in              In Tolerance                        1162 ft (100.0%)
        3879 lbs             Below Low Limit     0.0440 in          0 ft (  0.0%)

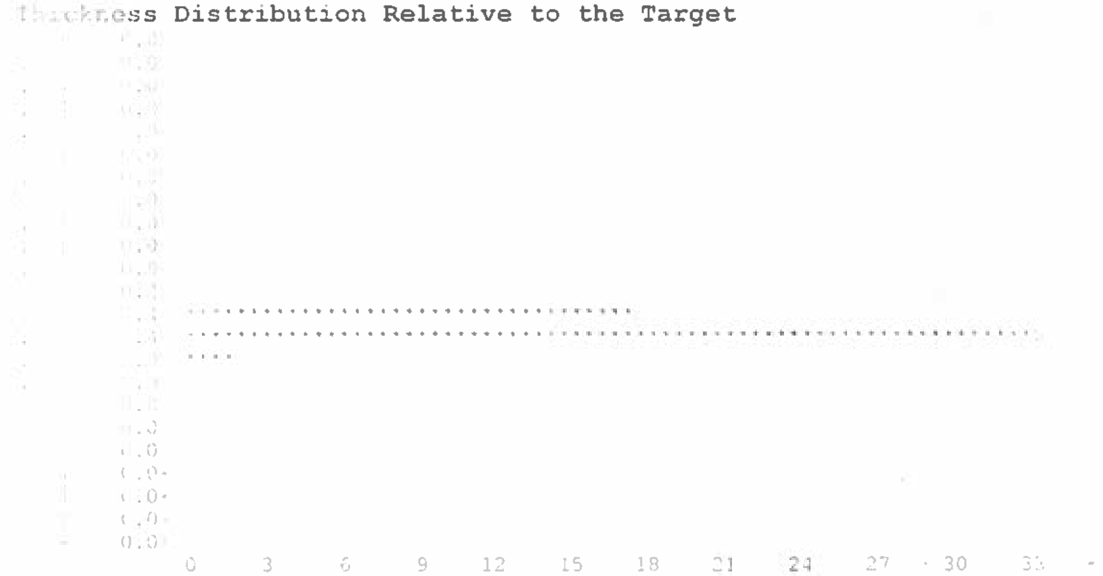
   ...ness  0.0481 in at   1147 ft        Min Thickness  0.0465 in at   1157 ft
```

Statistical Process Control Data

```
   ...ntrol Limit    0.0478 in    Upper Tolerance Limit      0.0520 in
      ... Bar        0.0473 in    R Bar                      0.0005 in
   ...ntrol Limit    0.0468 in    Lower Tolerance Limit      0.0440 in

   ...8     (Capability Ratio %, 100/CP)
   ...843   (Process Capability, HiLim-LoLim/6*Sigma)
   ...471   (Capability vs Limits)          TMW Ratio       0.930 (Low Limit/Avg)
```

Thickness Distribution Relative to the Target

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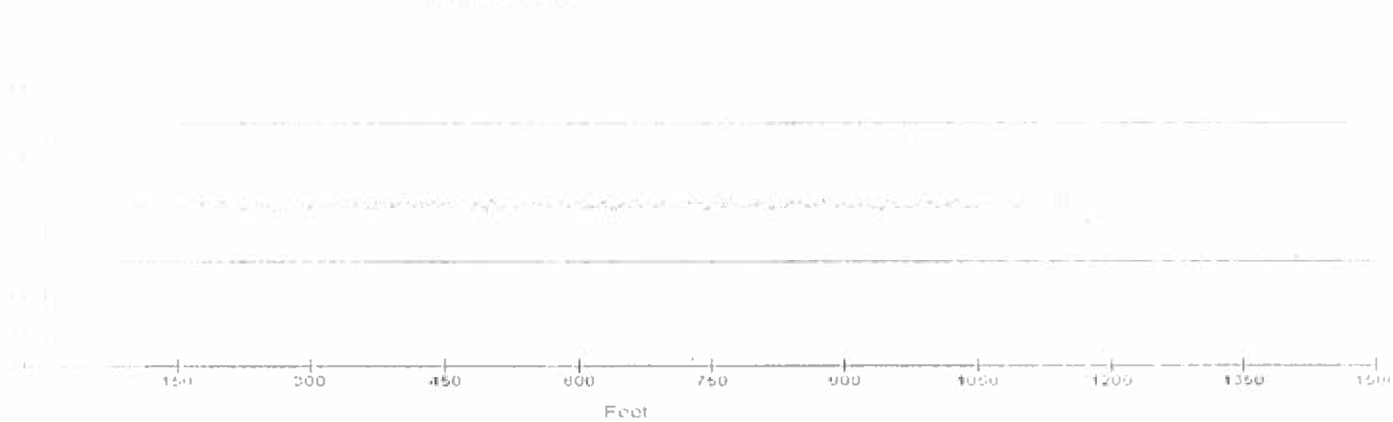
... within ± 0.0010 in of the target    100.0% is within ± 0.0025 in of the target
... within ± 0.0050 in of the target    100.0% is within ± 0.0100 in of the target
```

Thickness vs Length (Coil Number 515262)



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