



INSPECTION REPORT

Report No.: MIL161207

Issued on: 12/07/2016

P.O. No. 0510-0025P

Inspection Subject: Seamless Stainless Steel Tube

Specification: ASTM A269 TP316/316L

Inspector: Gaojie Lin

Summary:

Scope of Inspection

- Visual inspection.
- Dimension inspection.
- Packaging, quantity and marking inspection.
- Documents review.
- Part photo service.

Results of inspection

● Process Verification

1. Visual Inspection

The tubes were polished well and the tube ends have squared cut and deburred.

2. Dimension inspection

We had measured tube dimensions randomly and they were all qualified. The detailed data is in the following table.

Spec	OD of tube body	OD of tube ends	WT	Length
(mm)	(mm)	(mm)	(mm)	(mm)
12.70*0.89*6000	12.65~12.70	12.64~12.70	0.88~0.90	6005~6007
12.7*1.24*6000	12.65~12.70	12.66~12.70	1.23~1.26	6007-6013
6*1.00*6000	5.94~6.00	5.95~6.00	0.99~1.02	6003-6010

Photo attachment as below



Gauge calibration



Measuring OD of tube body



Measuring OD of tube end



Measuring WT

3. Packaging, quantity and marking inspection

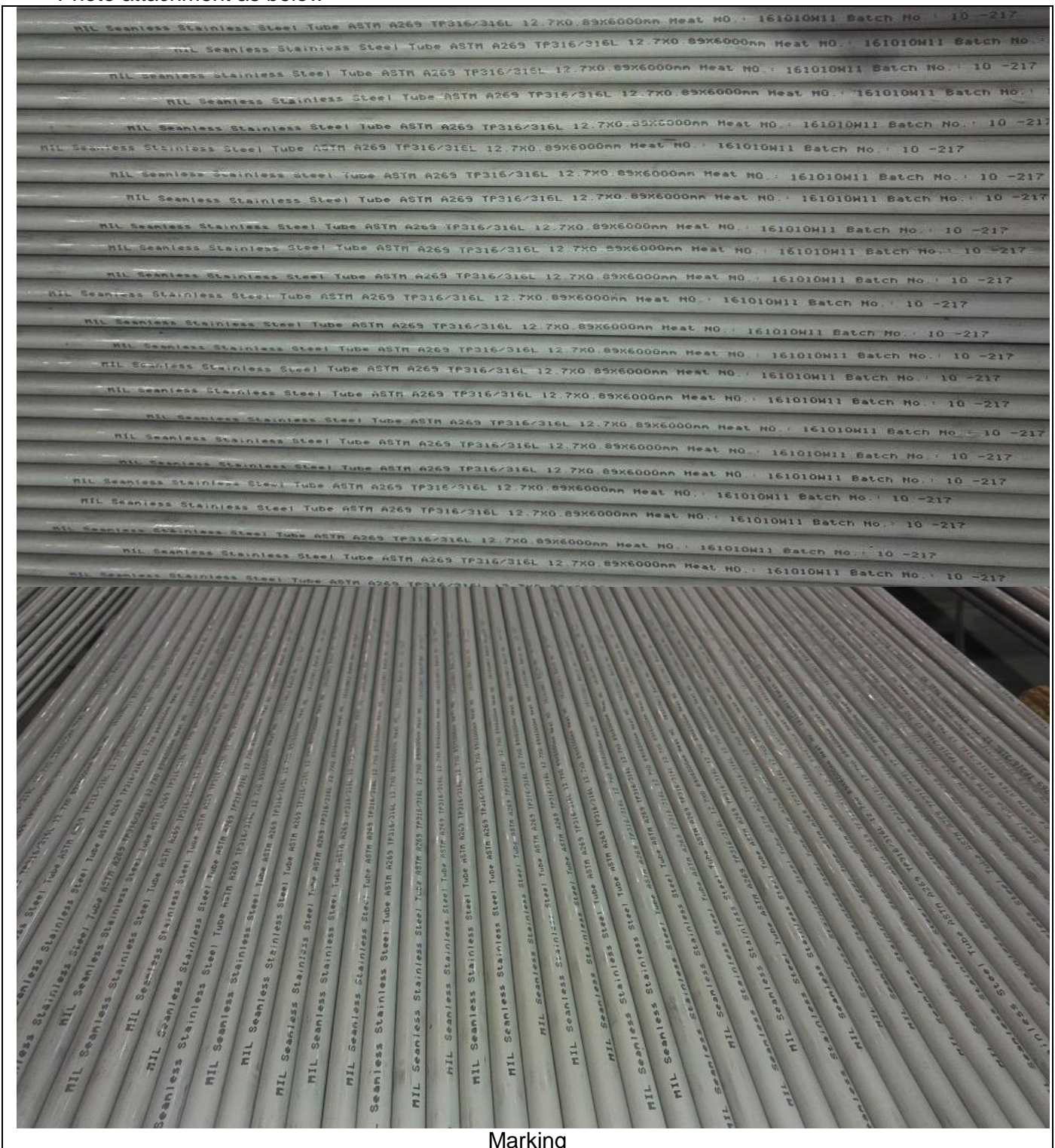
The tubes were plugged with blue covers on both ends first, then bundled by the poly bags and put into plywood case. The quantity and marking were right. Details as below:

Dimensions	Quantity
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MM					PCS	M
12.70	x	0.89	x	6000	532	3192
12.70	x	1.24	x	6000	510	3060
6.00	x	1.00	x	6000	220	1320

Photo attachment as below



Marking



Packaging

- **Review of Documentation**

Reviewed raw Material Test Certificate.

Reviewed Eddy-current Test Record.

Reviewed Physical Inspection Report.

Reviewed Inspection Report of Finished product.