

MATERIAL INSPECTION CERTIFICATE

To EN10204 3.1/ISO 10474 3.1

THAI BENKAN CO.,LTD. *BENKAN*

Purchaser Name : SILBO INDUSTRIES, INC

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TBC PO No. : SF-225

Customer PO No. : 70766

Benkan No. :

JOB No. :

D/M/Y 22/05/2021 Certificate No. : T202114001381 Rev. No. : 0

Specification for Product	ASTM A403/A403M-20/ASME SA403/SA403M-19										MFG No.	64CWED010-2			Seamless or Weld	WELD	Pipe/Plate	PIPE			
	NACE MR0175/ISO 15156-3 : 2015										Product Description	90EL WP304W/304LW 3 S40S					Quantity	279			
Specification for Inspection	ASME B16.9-2018,B16.25-2017																				
Starting Material	Heat No.	PCA080216																			
	Heat treatment										SOLUTION ANNEALING : 1060 C X 30 MINUTES W.Q.										
% Chemical content	C x100	Si x100	Mn x100	P x1000	S x1000	Ni x100	Cr x100	Mo x100													
Required Maximum	3.0	100	200	45	30	1,100	2,000														
Required Minimum						800	1,800														
Heat Analysis	1.3	42	9	33	1	801	1,813														
<div style="text-align: right;"> <p>Stock 4731460 10/14/2021</p>  <p>SSFIT 3IN SCH 40 304SS LR 90 IMPORT</p> </div>																					
Tension test	Gauge length	50 mm.										Hardness test									
TP Direction : Longitudinal												HRB	Req Max.		90						
MPa	Req.Min.	Req.Max.	Actual results									Fitting	81								
Yield Strength	205		265																	Visual Examination	Good
Tensile Strength	515		661																	Dimensional Inspection	Good
% Elongation	28		49																	100.00 % PMI : Good	
Supplementary Note :																					
Material is manufactured mercury free and free from mercury contamination																					
The fittings are in accordance with the PED 2014/68/EU																					
The raw material manufacturer has detected it to free from radioactive contamination																					
The fittings was manufactured, sampled, tested, and inspected in accordance with the specification																					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Form No. TZ-6ZV/0</p> </div> <div style="text-align: center;">  <p>Akemitsu Kondo Quality Assurance Manager Thai Benkan Co.,Ltd.</p> </div> </div>																					