



# SIAM YAMATO STEEL CO., LTD. MILL INSPECTION CERTIFICATE

In Accordance with DIN 50049 / EN 10204-3.1



Head office : 1 Siam Cement Road, Bangsue, Bangkok Thailand 10800 Tel : (662) 586-2783-4, 5865329-30 Fax: (662) 586 2687, 910-3123

Factory-I : 9 I-7 Rd., Maptaphut Industrial Estate, Rayong ,Thailand 21150 Tel : (038) 683-723-32 Fax:(038) 683-200

Factory-II : 9/9 Soi G-5 Pakorn Songkronraj Road, Huay Pong Muang, Rayong 21150 Tel.: (038) 698 - 500 Fax : (038) 698 - 549

Certificate No. : 42523050483

Reference No. : 000516-05-23-012

D/P No. : 302009629

Standard: TIS 1227-2558 (2015) SS400

Steelmaking and Manufacturing Process :EAF,Killed Steel ,AS-Rolled

Revision :00

Customer :

Description of Goods : Hot Rolled Structural Steel

Location of sample and test piece : Comply with TIS 1227-2558 (2015)

Date of Issue : 16/05/2023

Remark 1 : Chemical & Mechanical conform to JIS G3101:2015 SS400

Type of Impact test piece : -

Page 1 of 1

Remark 2 :

Shape of Tensile test piece : Rectangular cross-section

Remark 3 :

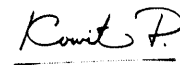
Marking of the product : Marking and Information available on Sticker

Dimension & Length	Grade	Qty (Pcs.)	Heat No.	Yield Str (MPa)	Mechanical Property (Test Piece Direction : L)							Chemical Composition (%)																	
					Tensile Str (MPa)	Elong.(%)	Bend Test	Charpy Impact (J) -				C x100	Si x100	Mn x100	P x1000	S x1000	Cu x100	Ni x100	Cr x100	Mo x1000	Ti x1000	B x1000	Nb x1000	V x1000	Al x1000	N x1000	Pcm x100	CE	
								Test1	Test2	Test3	Avg.																		
H 148X100X6/9X12.00M	SS400	20	DB1077	395.51	503.42	28.24	PASS	-	-	-	-	13	19	51	11	13	32	9	14	17	1	4	0	1	1	9	19	26	
H 148X100X6/9X12.00M	SS400	14	DB1078	367.95	484.71	27.80	PASS	-	-	-	-	13	17	50	11	15	29	9	13	17	1	5	1	1	2	8	18	25	
H 148X100X6/9X12.00M	SS400	32	DB1079	364.77	474.50	28.14	PASS	-	-	-	-	13	17	51	12	15	28	10	14	17	1	5	0	1	1	8	19	26	
H 200X100X5.5/8X12.00M	SS400	6	DB1339	362.15	465.06	29.45	PASS	-	-	-	-	11	17	51	10	12	25	12	12	26	1	4	0	1	0	6	17	24	
H 200X100X5.5/8X12.00M	SS400	2	DB1342	380.93	476.72	27.96	PASS	-	-	-	-	11	20	48	10	20	25	11	15	32	1	5	1	1	1	8	16	24	
H 200X100X5.5/8X12.00M	SS400	2	DB1347	347.72	438.25	24.50	PASS	-	-	-	-	10	14	53	13	21	24	10	16	24	1	3	1	1	1	9	16	24	
H 200X100X5.5/8X12.00M	SS400	2	DB1348	352.21	451.92	25.71	PASS	-	-	-	-	11	14	55	13	17	25	10	15	21	1	5	0	1	0	9	17	25	
H 250X250X9/14X12.00M	SS400	1	3A0704	340.49	451.61	28.84	PASS	-	-	-	-	13	19	50	16	22	35	10	12	22	0	3	1	3	2	6	19	25	
H 250X250X9/14X12.00M	SS400	1	VA0170	333.74	463.50	30.39	PASS	-	-	-	-	15	22	58	15	10	16	6	14	10	0	1	0	2	3	9	21	29	
				344.36	465.21	28.41	PASS	-	-	-	-	15	22	58	15	10	16	6	14	10	0	1	0	2	3	9	21	29	
H 300X300X10/15X12.00M	SS400	1	3A1163	341.39	479.40	30.38	PASS	-	-	-	-	16	18	53	15	11	27	8	11	16	0	2	1	2	2	6	22	28	
H 300X300X10/15X12.00M	SS400	6	VA0194	327.47	458.87	31.68	PASS	-	-	-	-	15	21	57	19	13	16	6	12	9	0	1	0	2	1	9	20	28	
				357.07	477.31	31.97	PASS	-	-	-	-	15	21	57	19	13	16	6	12	9	0	1	0	2	1	9	20	28	
H 300X300X10/15X12.00M	SS400	3	VA0213	352.22	471.95	29.62	PASS	-	-	-	-	15	23	56	15	14	17	6	13	8	0	1	0	2	1	9	20	28	

Checked By : Finished Goods Checking Operator

Remark : CE = Carbon equivalent  
Pcm = Chemical composition sensitivity  
of welding crack

We hereby certify that the material described herein has been tested and inspected  
in accordance with the requirements of the above specification.  
Manufactured by Siam Yamato Steel Co.,Ltd.

  
Mr. Kowit Phakdeelikit  
Quality Promotion Department Manager