



**STRUCTURAL AND MATERIAL TESTING LABORATORY
CIVIL ENGINEERING DEPARTMENT, KMUTT**

TENSION TEST

SPECIMEN FROM : K.O.H. INTERNATIONAL Co., LTD.
PROJECT NAME : -
TYPE OF SPECIMEN : เหล็กพลาถอม (INNER UNIT)
DATE OF TESTING : 15/9/2014

DATE OF TESTING : 13/12/20

SPEC. NO.	SIZE OF SPECIMEN (mm.)	TESTED DIAMETER (mm.)	TESTED AREA (cm ²)	ACTUAL LOAD		STRESS				ELONGATION (%)	REMARKS
				YIELD (kg)	ULTIMATE (kg)	YIELD		ULTIMATE			
						(MPa)	(ksc)	(MPa)	(ksc)		
1	9.00	9.00	0.636	2,050	2,616	316.16	3,223	403.38	4,112	16.67	Inner Unit 9 x 225 mm. เชื่อมแนวนปิด 1 ด้าน
2	9.00	9.00	0.636	2,091	2,636	322.39	3,286	406.50	4,144	19.11	Inner Unit 9 x 225 mm. เชื่อมแนวนปิด 2 ด้าน
3	9.00	9.00	0.636	2,111	2,646	325.51	3,318	408.05	4,160	20.89	Inner Unit 9 x 225 mm.
4	12.00	12.00	1.131	4,899	5,484	424.89	4,331	475.71	4,849	15.83	Inner Unit 12 x 230 mm.
5	12.00	12.00	1.131	5,171	5,898	448.55	4,572	511.62	5,215	14.50	Inner Unit 12 x 220 mm. เชื่อมแนวนปิด 1 ด้าน

Tested by :

(Sompote Youwai)

Checked by :

(Sutat Leelatayiwat)

Head of Civil Engineering Department

Remarks :

1. The testing results are good only for those specimens tested.
2. Not valid unless be signed and sealed.



TEST DATA

SHEET	:	1	OF	1
TESTER'S NAME	:	(Sompote Youwai)		
NO. OF SPECIMEN	:	5		
SPECIMEN FROM	:	K.O.H. INTERNATIONAL Co., LTD.		
PROJECT NAME	:	-		
TYPE OF SPECIMEN	:	เหล็กเพลากลม (INNER UNIT)		
DATE OF TESTING	:	15/9/2014		CALIB

CALIBRATION FACTOR = 1.01

[illegible]