



# MATERIALS SCIENCE LABORATORY

## Production Engineering Department

### King Mongkut's University of Technology North Bangkok



MSL

#### TEST REPORT

Report No. MSL 294/2010

Company : K. O. H INTERNATIONAL CO., LTD.

Test Problem : Determination of Tensile Strength

Test Method : Tensile Test

Test Object : Stud M12

Date of test : 11/08/2010

THIS IS REPORT that the specimens were submitted to our laboratory

for the purpose of tests. The results of tests were as follows

#### TENSILE TEST

Specimen No.	Dimension (mm)	Gauge Length (mm)	Ultimate Length (mm)	Yield Stress		Tensile Strength		Elongation %
				MPa	psi	MPa	psi	
T-1	Ø5.7	25	27.9	585	84845	641	92967	11.6
T-2	Ø6.2	25	28.5	583	84555	616	89342	14.0

This report reflects our findings at time and place of inspection only.

Test by:

(Mr. Tanom Leetrakul)

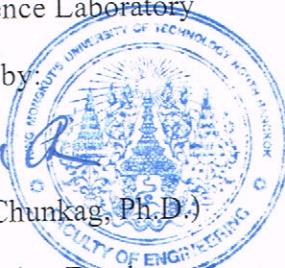
Examined by:

(Mr. Washira Chaysawan)

Head of Materials Science Laboratory

Approved by

(Assoc. Prof. Viboon Chunkag, Ph.D.)



Dean of Engineering Faculty