



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

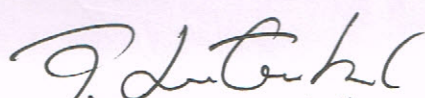
THIS IS REPORT that the specimens were submitted to our laboratory for the purpose of tests. The results of tests were as follows

TENSILE TEST

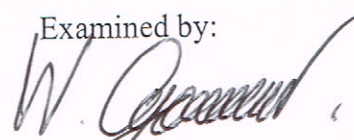
| Specimen No. | Dimension (mm) | Gauge Length (mm) | Ultimate Length (mm) | Yield Stress | | Tensile Strength | | Elongation % |
|--------------|-------------------|----------------------|-------------------------|--------------|-------|------------------|-------|-----------------|
| | | | | MPa | psi | 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 Chaysuwan)

Head of Materials Science Laboratory

Approved by:


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

Dean of Engineering Faculty

