

TEST REPORT

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Applicant : TONG YONG METAL SDN. BHD.
Lot 5781 & 5782, Taman Selamat, Alma,
14000 Bukit Mertajam,
Pulau Pinang.

Manufacturer : - Nil -

Product : High Tensile Steel Purlin

Reference Standard/
Method of test : BS EN 10002 – 1 : 2001 Metallic Material – Tensile test at ambient
temperature.
- Tensile Test.

Description of sample : Four samples of High Tensile Steel Purlin were received for testing.
Brand : Tong Yong Metal C - Purlin

Date received : 12th October 2009

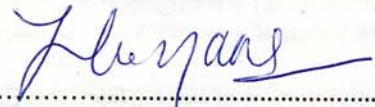
Job No./Ref. No. : J20095043650 / SQAS/CBMT/T.REC/MSL/01

Issued date : 22 OCT 2009

Approved Signatories


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(SERI BANUN SUJANGI)
Senior Technical Executive




.....
M RAJA NOR SIHA RAJA ABDUL HANAN)
Group Leader
Civil & Construction Section
Testing Service Department.

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TEST RESULTS : TENSILE TEST

| SAMPLE REFERENCE | C - SECTION / 1 | C - SECTION / 2 |
|--|-----------------|-----------------|
| THICKNESS , a (mm) | 1.55 | 1.53 |
| WIDTH , b (mm) | 25.03 | 24.94 |
| AREA, S_0 (mm ²) | 38.79 | 38.16 |
| YIELD LOAD (kN) | 17.80 | 18.16 |
| YIELD STRENGTH , R_{EH} (N/mm ²) | 459 | 476 |
| MAXIMUM FORCE , F_m (kN) | 20.45 | 20.07 |
| TENSILE STRENGTH , R_m (N/mm ²) | 527 | 526 |
| ELONGATION , A (%) | 19.0 | 19.0 |



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22 OCT 2009