

# TEST REPORT: 719176232-CHM10-EKH

Date: 14 MAY 2010

Tel: +65 68851335 Fax: +65 67784301

Client's Ref: -

Email: Sihai.LI@tuv-sud-psb.sg

Note: This report is issued subject to TÜV SÜD PSB's "Terms and Conditions Governing Technical Services". The terms and conditions governing the issue of this report are set out as attached within this report.



PSB Singapore

Choose certainty.  
Add value.

## SUBJECT

Testing of galvanized steel conduit for resistance to corrosion – medium protection (BS 4568 : Part 1 : 1970 Class 3).

## CLIENT

Wanco Electric & Machinery Pte Ltd  
11 Kian Teck Crescent  
Singapore 628877

Attn: Mr Anthony Loh

## SAMPLE SUBMISSION DATE

09 Apr 2010

## DESCRIPTION OF SAMPLE

Two samples of galvanized steel conduit (3 pieces) were received. The conduit samples were bent at 90 degrees in Tuv Sud Psb Pte Ltd workshop.

## Sample Reference

Brand : Wanco  
Size : Ø 20mm and Ø 25mm



TÜV SÜD PSB

Laboratory:  
TÜV SÜD PSB Pte. Ltd.  
No.1 Science Park Drive  
Singapore 118221

Phone : +65-6885 1333  
Fax : +65-6776 8670  
E-mail: testing@tuv-sud-psb.sg  
www.tuv-sud-psb.sg  
Co. Reg : 199002667R

Regional Head Office:  
TÜV SÜD Asia Pacific Pte. Ltd.  
3 Science Park Drive, #04-01/05  
The Franklin, Singapore 118223

TUV®

TEST REPORT: 719176232-CHM10-EKH  
14 MAY 2010



PSB Singapore

**METHOD OF TEST**

BS 4568 : Part 1 : 1970

"Specification for steel conduit and fittings with metric threads of ISO form for electrical metallations.  
Part 1. Steel conduit, bends and couplers."

Class 3 – Medium/Heavy protection (inside as Class 2, outside as Class 4).

**RESULTS**

"Wanco" Brand Conduit Pipe

Test	Resistance to Corrosion Test (Class 3. Medium / Heavy protection)	
	Medium Protection (Class 2)	Heavy Protection (Class 4)
Ø 20mm Conduit Pipe	Passed	Passed
Ø 25mm Conduit Pipe	Passed	Passed

LEE SOON BENG  
TECHNICAL EXECUTIVE

for DR LI SIHAI  
AVP / SENIOR CHEMIST  
COATINGS & INDUSTRIAL CHEMICALS  
CHEMICAL & MATERIALS

# TEST REPORT: 719176232-CHM10-EKH

14 MAY 2010



PSB Singapore

This Report is issued under the following conditions:

1. Results of the testing/calibration in the form of a report will be issued immediately after the service has been completed or terminated.
2. Unless otherwise requested, this report shall contain only technical results carried out by TÜV SÜD PSB. Analysis and interpretation of the results and professional opinion and recommendations expressed thereupon, if required, shall be clearly indicated and additional fee paid for, by the Client.
3. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
4. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD PSB therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
5. Additional copies of the report are available to the Client at an additional fee. No third party can obtain a copy of this report through TÜV SÜD PSB, unless the Client has authorised TÜV SÜD PSB in writing to do so.
6. TÜV SÜD PSB may at its sole discretion add to or amend the conditions of the report at the time of issue of the report and such report and such additions or amendments shall be binding on the Client.
7. All copyright in the report shall remain with TÜV SÜD PSB and the Client shall, upon payment of TÜV SÜD PSB's fees for the carrying out of the tests/calibrations, be granted a license to use or publish the report to the third parties subject to the terms and conditions herein, provided always that TÜV SÜD PSB may at its absolute discretion be entitled to impose such conditions on the license as it sees fit.
8. Nothing in this report shall be interpreted to mean that TÜV SÜD PSB has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
9. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to TÜV SÜD PSB or to the report or results furnished by TÜV SÜD PSB in any advertisements or sales promotion.
10. Unless otherwise stated, the tests were carried out in TÜV SÜD PSB Pte Ltd, No.1 Science Park Drive Singapore 118221.

March 2010