



# Test Report



Report No	286/4171641	This Report consists of 3 pages
Client	Solsons Exim 2, Varun, 37 Shrimali Society Navrangpura Ahmedabad-380 009 India	
Authority & date	Letter from client dated 6 December 2000 reference Ronnie Ryan	
Items tested	Hand Tools	
Specification	Clients Specification Independent test	
Results	See Summary of Results on Page 2	
Prepared by	D Mackie 	
Authorized by	A D Butterfield 	
Issue Date	19 December 2000	
Conditions of issue	This Test Report is issued subject to the conditions stated in current issue of <i>Test Leaflet 1</i> 'General conditions relating to acceptance of testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the General Manager, BSI Product Services, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.	

## **TESTING AND EXAMINATION OF HAND TOOLS SUBMITTED AS INDEPENDENT TEST SAMPLES**

### **INTRODUCTION**

At the request of Solsons Exim, the Hand Tools detailed below, received on 6 December 2000, were tested against the requirements of the Clients Specification from 14 December 2000, as indicated on the following page of this Report. This request was made in a Letter from client dated 6 December 2000 reference Ronnie Ryan. It is emphasized that assessments were not made against the other clauses of the Specification.

This report only relates to the actual samples which have been tested. The results obtained do not necessarily relate to samples from the production line and in no way imply that the performance or quality of the continuing production will be maintained.

It is emphasised that no assessments have been made.

### **TEST ITEMS**

3 off SP622 POPPROW Wrench Spanner  
3 off SP1541 POPPROW Industrial Spanner  
3 off PW2060 POPPROW Pipe Wrench  
2 off PW1030 POPPROW Small Pipe Wrench

### **SUMMARY OF RESULTS**

**See Page 3**

**EXAMINATION AND TEST**

All the request of the Client the following tests were performed as verification of stated properties.

**OPERATIONAL RANGE**

	<b>Dimension</b>	<b>Stated</b>	<b>Actual</b>
SP622 Wrench Spanner	Across Flats (mm)	6-22	6-22
SP1541 Industrial Spanner	Across Flats (mm)	15-41	15-41
PW2060 Pipe Wrench	Diameter (mm)	20-60	20-60
PW1030 Small Pipe Wrench	Diameter (mm)	10-30	10-30

**TORQUE RANGE**

	<b>Test</b>	<b>Stated</b>	<b>Actual</b>
SP622 Wrench Spanner	Torque (Nm)	135	135
SP1541 Industrial Spanner	Torque (Nm)	340	340
PW2060 Pipe Wrench	Torque (Nm)	340	340
PW1030 Small Pipe Wrench	Torque (Nm)	135	135

**HANDLE INSULATION**

	<b>Test</b>	<b>Stated</b>	<b>Actual</b>
SP622 Wrench Spanner	Insulation (volts)	1000	1000
SP1541 Industrial Spanner	Insulation (volts)	1000	1000

**JAW HARDNESS**

	<b>Test</b>	<b>Stated</b>	<b>Actual</b>
SP622 Wrench Spanner	Hardness (HRc)	-	50.8
SP1541 Industrial Spanner	Hardness (HRc)	-	56.0
PW2060 Pipe Wrench	Hardness (HRc)	53-57	55.8
PW1030 Small Pipe Wrench	Hardness (HRc)	-	52.8