



GC Maintenance and Engineering  
Company Limited

**LIQUID PENETRANT TEST REPORT**

Customer: \_\_\_\_\_ Date: \_\_\_\_\_ Sheet: 1-1

Location: \_\_\_\_\_ Job No: \_\_\_\_\_

Description: \_\_\_\_\_ Part No/Item No: \_\_\_\_\_

Thickness: \_\_\_\_\_ Material Type: \_\_\_\_\_

Description: \_\_\_\_\_ Surface Condition: \_\_\_\_\_

Inspection Method:

Red Visible Dye  Water Wash  Fluorescent  Water Wash

Solvent Removable  Solvent Removable

Post Emulsified:  Post Emulsified:

Hydrophilic  Lipophilic  Hydrophilic  Lipophilic

Specification/Code: \_\_\_\_\_ Procedure: \_\_\_\_\_

Acceptance Criteria: \_\_\_\_\_ Test Temperature: \_\_\_\_\_

Equipment

Manufacturer	Type	Batch Number(s)	Application Method
Cleaner			
Penetrant			
Developer			
Emulsifier			

Setup Data

Pre-Clean Time: \_\_\_\_\_ Dwell Time: \_\_\_\_\_

Emulsifier Time: \_\_\_\_\_ Developer Time: \_\_\_\_\_

Lighting Condition: \_\_\_\_\_

Test Result: \_\_\_\_\_

Quantity Inspected: \_\_\_\_\_ Quantity Accepted: \_\_\_\_\_

Quantity Rejected: \_\_\_\_\_

Additional Information:

Part No/Item No:	Weld Joint No	Tested Length (mm)	Result	Remarks

Note: P: Porosity C: Crack CP: Clustered Porosity IP: Incomplete Penetration

LF: Lack of fusion UC: Undercut S: Slag

Inspector By \_\_\_\_\_ Approved By \_\_\_\_\_

**LIQUID PENETRANT TEST REPORT**

<b>Name:</b>	<b>Part No/Item No:</b>
--------------	-------------------------

<b>A</b>	<b>B</b>