ENGINEERS INDIA LIMITED

NEW DELHI

STANDARD SPECIFICATION FOR REV **SPECIFICATION** WELDABLE STRUCTURAL QUALITY 6-12-0014 STEEL PLATES FOR STORAGE TANKS AND VESSELS Page 3 of 4

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The drawing, design copied, exhibited or

Holding Time : Minimum one hour per 25mm of

thickness but in no case less than

half an hour.

Furnace Temperature at

Not to exceed 400°C.

the Time of Loading

200°C max./hr.

Rate of Cooling

Rate of Heating

250°C max./hr.

4.0 CERTIFIED DOCUMENTS

The supplier shall furnish 6 copies of the following certificates / documents inclusive of results of all tests required as per specification, duly certified by the Inspecting Authority before shipment of plates. The actual values obtained during tests shall be recorded in the test certificates / documents. Material certificates shall conform to DIN 50049 Type 3. 1B / EN 10204 Type 3.1B.

a. Chemical Analysis

b. Mechanical Tests

c.) Details of simulation heat treatment

d. Data of heat treatment

e. Charpy V-notch impact tests

f. Y- groove crackability test

g. Date of manufacture (final rolling)

5.0 PAINTING AND COATING

No painting/coating of any kind is permitted on the steel plates except stencil marking.

6.0 INSPECTION AUTHORITY

6.1 Unless otherwise stated in requisition, no third party inspection is required.

Material test certificate duly certified by Mill's quality assurance/quality control department is acceptable.

However, if third party inspection is specified in requisition, all test certificates and documents shall be duly certified by the third party.

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