



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन

Government of India - Ministry of Railways
RESEARCH DESIGNS & STANDARDS ORGANISATION

DOCUMENT NO. TDG 0014, Rev. '0'

**ITEM SPECIFIC GUIDELINES
FOR MANUFACTURE OF GLUE
USED IN FABRICATION OF GLUED INSULATED RAIL JOINTS**

Price: Rs. 360/-

गुणवत्ता आश्वासन सिविल निदेशालय
अनुसंधान अभिकल्प और मानक संगठन
मानक नगर, लखनऊ -226011

**Scheduled of Technical Requirements for manufacture, testing and Quality control of
Glue used in fabrication of Glued Insulated Rail Joints**

1. General and Manufacturing facilities required:

Adequate covered and uncovered area for storage of Raw & Finished material and installation of all plants and equipments including testing equipments. General working condition i.e. proper lighting, ventilation and cleanliness etc.
2. Quality control requirements: There should be a system to ensure:
 - 2.1 The traceability of the product from raw material sample to finished product.
 - 2.2 That there is a QAP for the product detailing various aspects.
 - (i) Organisational Chart
 - (ii) Process Flow Chart
 - (iii) Stage Inspection Details
 - 2.3 That the relevant specifications, BIS Standards & Drawings are available.
 - 2.4 That there is a display boards for identification of resin and Hardener with there prescribed ratios.
- 3.0 Packing and Marking: Each container/Drum shall be clearly marked with the following:
 - (i) The manufacturer's name or his Trade Mark if any.
 - (ii) The material's designation as mentioned in clause (5).
 - (iii) Month and Year of manufacture.
 - (iv) Expiry Date of the product.
- 4.0 Maintenance of records: Records in respect of manufacture of Glue should be maintained in proper register.

Quality Assurance Civil Directorate
Research Designs & Standards Organisation
Manak Nagar, Lucknow - 226011

Technical Capability Reassessment for Manufacture of Glue use in Fabrication of Glued Insulated Rail Joints.

Note:

- (i) To be filled in by the firm in duplicate attached extra sheets where ever necessary. No para to be left blank
- (ii) All manufacturing and test facilities to be available in the unit.
- (iii) All enclosures to be signed.

1.0 Section-I- General Information:

1.1 Name of the firm:

1.2 Address:

(a) Head office:

(b) Works:

(c) Distance of works in Km. from nearest railway station:

(d) Nearest Railway Station:

1.3 Factory Area (Sq. M.):

(a) Covered:

(b) Uncovered:

(c) Is the factory sight in your name or on rental basis:

1.4 (a) Telephone No.

• Head office:

• Works:

(b) Fax Address:

- 1.5 SSI / NSIC registration (if any):
- 1.6 Power availability (KVA):
- (a) General allotted capacity:
 - (b) Stand by Generator and its capacity (if available):
 - (c) Name the party / person in whose name the power is sanctioned and your agreement with the party/persons (support with reasonable documents):
- 1.7 Name of any other unit located in the above premises:
- 1.8 Man power management:
- (a) Managerial Staff:
 - (b) Shop Floor Engineers / Supervisors (Their nos., name, qualification and service experience):
 - (c) Lab in-charge whether full time or part time, indicate name, qualification and service experience:
 - (d) Inspection and quality control staff, given their name. qualification and service experience:
 - (e) Workmen:
 - (i) Highly Skilled:
 - (ii) Semi Skilled:
 - (iii) Unskilled:

2.0 Section-II (Technical Information):

- 2.1 Manufacturing measuring facility:
- 2.2 Testing facilities:
- (i) Testing machine:
 - Capacity:
 - Make:
 - In-house Calibration facility:
 - (ii) Dimensional Check facility inspection gauges:

2.3 Laboratory-cum-inspection room:

(i) Indicate available in yes / no:

(ii) If yes, indicate size of room:

2.4 Source of raw material:

2.5 Arrangement for storing raw material at a time:

2.6 Arrangement for storing finished material & Capacity bto store at a time (in tones):

3.0 Section-III – Experience (for record purpose only)

3.1 Indicate various types of items being manufactured in your works and the name of the agency / client for whom it is being manufactured:

3.2 Indicate important customers for the last three years both Government and non-government if any, for information furnished in your reply to 3.1

- Government:
- Non-Government Company:

3.3 Give details (Contract reference, item and quantity manufactured & supply of important orders executed in the past three years for the following:-

- Government:
- Non Government Organisation:

3.4 Indicate the inspecting agency for each:

- RITES for Railways :
- Government Department (Central/State), Government Undertaking other than Railways:
- Directly to the Railways:
- Outside important firms:

- 3.5 Please specify current orders in hand on your firm (Contract reference, Client, Item, Under manufacture & Supply)
- 3.6 Whether you are already registered with RDSO for other P.Way items. If so, name the item supported by documents:
- 3.7 Whether you are already registered with RDSO for other P.Way items. If so, name the item and department. With which you are registered, supported by documents:
- 3.8 Indicate annual turnover of your firm

4.0 Declaration:

- 4.1 We do hereby declare that the above that the above particulars are correct and no discrepancy shall be found during actual investigation before and during execution of order on our firm.
- 4.2 Any change in the plant and machinery and change of place of office and of works site shall be brought to the notice of RDSO for clearance and approval.
- 4.3 We also declare that our concern has not been black listed by Railway, Railway Board/RDSO for business with the Railways.
- 4.4 We hereby undertake that all our equipments for manufacturing and testing as listed above shall be maintained in good working order at all times.
- 4.5 We hereby declare that the contents and the instructions of latest "**General Guidelines for Vendors Approval**" effective from have been read and understood by us and our firm shall agree abide by all the stipulations laid therein.

Signature

Name in full of Signing Authority

Status in the Firm

Place :

Date :

Stamp of the firm.