



TRANSNET ENGINEERING

SPECIFICATION FOR STEELRAW MATERIAL

Date of release

15 September 2021

Doc. No. PD_BR_NAT_SPEC_001

Revision: 00

The information contained herein is the sole property of Transnet Engineering. It may not be used, disclosed or reproduced in part or in whole in any manner, except with the written permission of and in a manner permitted by the proprietors

SUMMARY OF REVISIONS

First issue – 15 September 2021 Document No: PD_BR_NAT_SPEC_001

Document Control

Distribution list Distribute to Configuration Offices at the following centres. “Configuration Offices to discuss with the Business Manager, Quality Personnel, Lean Personnel in the following businesses to distribute the document to all relevant personnel.”	Rolling Stock Equipment, Coaches, Wagons and Locomotive Businesses
Document Availability	SAPDocman
Related Policy Documents	
Supporting Procedure	

TABLE OF CONTENTS

1.	SCOPE	4
2.	SPECIFICATIONS AND TECHNICAL REQUIREMENTS	5
4.	MATERIAL CERTIFICATE	5
5.	STORAGE AND HANDLING OF WELDING CONSUMABLES	7
6.	DELIVERY CONDITIONS	7
7.	TECHNICAL ASSISTANCE	8
8.	CONCLUSION	8
9.	REFERENCES.....	9
10.	ACKNOWLEDGEMENT AND ACCEPTANCE OF SPECIFICATION	9

1. SCOPE

This document specifies technical requirements for the supply of steel materials to be delivered at Transnet Engineering premises within South Africa, depending on individual item requirement at the respective premises or plant.

2. SPECIFICATIONS AND TECHNICAL REQUIREMENTS

- Please refer to Annexure 1 Document number PD_BR_NAT_001A (Purchase Order Long text Detailed Description) for individual items specification and technical requirements.
- Supplier can Supply EN 10028 P355NL1 in place of EN 10025 S355 J2 + N
- As minimum where an EN 10204 type 3.1 certificate is required from on a commercial quality grade, atleast chemical composition must be supplied to EN 10204 type 3.1.
- Any Violation of the long text requirements on any material will result in the material being rejected and send back to the supplier.
- If there is a material equivalence (Both Mechanical and Metallurgical) to a specific item which a supplier want to propose as an alternative then the supplier must request for a concession/approval before they can supply the item.
- First Article inspection should be sent and approved by Transnet Engineering before the supplier can start supplying more quantities as specified.
- Raw Material tolerance shall be in accordance to EN 10029 Class B unless specifically stated otherwise on the long Purchase Order text.

3. MATERIAL CERTIFICATE

An EN 10204:2004 type 3.1 inspection certificate must be supplied with every delivery and No rust or corrosion on the surface will be allowed. The following must be clearly visible on the inspection certificate:

- Product manufacturer company name
- Product manufacturer company address
- Authorisation of the certificate, i.e. certificate must be signed by the manufacturer inspection representative independent of the manufacturing department.
- Designation of person signing for manufacturer
- Clearly stipulates that the inspection certificate is in accordance with EN 10204: 2004 type 3.1
- Certificate date or manufacture date
- Supplied product name
- Dimensions/sizes must be visible
- Packaged unit weight
- Package unit: Box/spool/bag
- Full EN ISO specification / classification
- Chemical analysis section according to EN 10204:2004 type 3.1, with specification requirements and actual test results

- Mechanical properties section according to EN 10204:2004 type 3.1, with specification requirements and actual test results, on tensile testing and impact testing
- TE purchase order vendor company stamp

NOTE: It is not permitted for bidders to simply copy details of manufacturer certificate into the format of bidder's certificate. However, the bidders may copy these details and attach the copy of the manufacturer certificate to their certificate.

4. STORAGE AND HANDLING

- Materials should be stored in dry areas and must be free of dust/corrosion and dimensions that are within specification upon delivery to Transnet Engineering premises.
- No Mechanical Damages will be accepted upon delivery to Transnet Engineering.

5. DELIVERY CONDITIONS

Please note that delivery conditions may differ from item to item so it is important for the bidder to refer to long text Purchase Order Description (Annexure 1: Doc. No. PD_BR_NAT_001A) for the delivery condition of specific items.

6. TECHNICAL ASSISTANCE

The bidder must have personnel in place able to offer technical assistance in case challenges are encountered during the use of the product.

7. CONCLUSION

This document provides all technical requirements that a bidder must comply with prior to bidding or supplying TE with raw material. In addition to all the requirements, the bidder must be aware that should the brand name which they tender with change within the duration of a contract, then the bidder will have to submit all test certificates including First Article Inspection at their own cost.

8. REFERENCES

- Annexure 1: Purchase Order Long Text Detailed Description, Doc. No. PD_BR_NAT_SPEC_001A

9. ACKNOWLEDGEMENT AND ACCEPTANCE OF SPECIFICATION

I hereby acknowledge as a bidder that I have read and understood all the contents of this specification. Furthermore, I (bidder) certifies and guarantees acceptance and compliance with this specification.

SIGNED THIS DAY _____ AT _____

BY _____ (Full name in block letters)

IN MY CAPACITY AS _____ (Official designation)

FOR THE COMPANY _____

SIGNED _____

PLEASE NOTE: A Bidder must sign on the above and return this page together with a quote.

DOCUMENT AUTHORITIES

COMPILED BY

Moseshi Malatjie (Engineer)

SIGNATURE



**REVIEWED/APPROVED BY
Engineer)**

Orifuna Netshifamadi (Principal

SIGNATURE


